



***Feasibility Study
PID 247
400MW Plant***

Prepared by:

***Southwest Power Pool
Independent Coordinator of Transmission
415 N. McKinley, Suite 140
Little Rock, AR 72205***

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Energy Resource Interconnection Service

1. Introduction

This Energy Resource Interconnection Service (ERIS) is based on the Customer's request for 400MW interconnection on Entergy's transmission system at Stowell 138kV substation. The objective of this study is to assess the reliability impact of the new facility on the Entergy transmission system with respect to the steady state and transient stability performance of the system as well as its effects on the system's existing short circuit current capability. It is also intended to determine whether the transmission system meets standards established by NERC Reliability Standards and Entergy's planning guidelines when plant is connected to Entergy's transmission system. If not, transmission improvements will be identified.

The Feasibility Study process required a load flow analysis to determine if the existing transmission lines are adequate to handle the full output from the plant for simulated transfers to adjacent control areas. A short circuit analysis is performed to determine if the generation would cause the available fault current to surpass the fault duty of existing equipment within the Entergy transmission system. A transient stability analysis was conducted to determine if the new units would cause a stability problem on the Entergy system.

This ERIS Feasibility Study was based on information provided by the Customer and assumptions made by Entergy's Transmission Technical System Planning group. All supplied information and assumptions are documented in this report. If the actual equipment installed is different from the supplied information or the assumptions made, the results outlined in this report are subject to change.

The load flow results from the ERIS study are for information only. ERIS does not in and of itself convey any transmission service.

2. Short circuit Analysis/Breaker Rating Analysis

2.1 Model Information

The short circuit analysis was performed on the Entergy system short circuit model using ASPEN software. This model includes all generators interconnected to the Entergy system or interconnected to an adjacent system and having an impact on this interconnection request, IPP's with signed IOAs, and approved future transmission projects on the Entergy transmission system.

2.2 Short Circuit Analysis

The method used to determine if any short circuit problems would be caused by the addition of the PID-247 generation is as follows:

Three phase and single phase to ground faults were simulated on the Entergy base case short circuit model and the worst case short circuit level was determined at each station. The PID-247 generator was then modeled in the base case to generate a revised short circuit model. The base case short circuit results were then compared with the results from the revised model to identify any breakers that were under-rated as a result of additional short circuit contribution from PID-247 generation. Any breakers identified to be upgraded through this comparison are mandatory upgrades.

2.3 Analysis Results

The results of the short circuit analysis indicates that the additional generation due to PID 247 generation causes no increase in short circuit current such that they exceed the fault interrupting capability of the high voltage circuit breakers within the vicinity of the PID 247 plant **with and without priors**. Priors included are: 221, 223, 224, 226,228, 231, 233, 238, 240, 244, and 246.

2.4 Problem Resolution

As a result of the short circuit analysis findings, no resolution required.

3. Load Flow Analysis

3.1 Model Information

The load flow analysis was performed based on the projected 2014 summer peak load flow model. The loads were scaled based on the forecasted loads for the year. All firm power transactions between Entergy and its neighboring control areas were modeled for the year 2014 excluding short-term firm transactions on the same transmission interface. An economic dispatch was carried out on Entergy generating units after the scaling of load and modeling of transactions. The proposed 400MW generation and the associated facilities were then modeled in the case to build a revised case for the load flow analysis. Transfers were simulated between thirteen (13) control areas and Entergy using requesting generator as the source and adjacent control area as sink.

This study considered the following four scenarios:

Scenario No.	Approved Future Transmission Projects	Pending Transmission Service & Study Requests
1	Not Included	Not Included
2	Not Included	Included
3	Included	Not Included
4	Included	Included

The generator step-up transformers, generators, and interconnecting lines were modeled according to the information provided by the Customer.

3.2 Load Flow Analyses

3.2.1 Load Flow Analysis:

With the above assumptions implemented, the First Contingency Incremental Transfer Capability (FCITC) values are calculated. The FCITC depends on various factors – the system load, generation dispatch, scheduled maintenance of equipment, and the configuration of the interconnected system and the power flows in effect among the interconnected systems. The FCITC is also dependent on previously confirmed firm reservations on the interface.

3.2.2 Performance Criteria

The criteria for overload violations are as follows:

A) With All Lines in Service

- The MVA flow in any branch should not exceed Rate A (normal rating).

B) Under Contingencies

- The MVA flow through any facility should not exceed Rate A.

3.2.3 Power Factor Consideration / Criteria

Entergy, consistent with the FERC Large Generator Interconnection Procedures (LGIP) requires the customer to be capable of supplying at least 0.33 MVAR (*i.e.*, 0.95 lagging power factor) and absorbing at least 0.33 MVAR (*i.e.*, 0.95 leading power factor) for every MW of power injected into the grid. In the event that, under normal operating conditions, the customer facility does not meet the prescribed power factor requirements at the point of interconnection, the customer shall take necessary steps, such as the installation of reactive power compensating devices, to achieve the desired power factor.

3.3 Analysis Results

Summary of the analysis results are documented in following table for each scenario.

Table 3.3.1: Summary of Results for PID-247 – ERIS Load Flow Study

Interface		Summer Peak Case Used	FCITC Available for Scenario 1	FCITC Available for Scenario 2	FCITC Available for Scenario 3	FCITC Available for Scenario 4
AECI	Associated Electric Cooperative, Inc.	2014	134	0	134	0
AMRN	Ameren Transmission	2014	134	0	134	0
CLEC	CLECO	2014	24	0	134	134
AEPW	American Electric Power - West	2014	134	130	134	0
EES	Entergy	2014	133	0	0	0
EMDE	Empire District Electric Co	2014	0	0	0	0
LAFA	Lafayette Utilities System	2014	7	0	0	0
LAGN	Louisiana Generating, LLC	2014	128	0	0	0
LEPA	Louisiana Energy & Power Authority	2014	46	0	0	0
OKGE	Oklahoma Gas & Electric Company	2014	134	135	134	0
SMEPA	South Mississippi Electric Power Assoc.	2014	0	0	0	0
SOCO	Southern Company	2014	134	0	0	0
SPA	Southwest Power Administration	2014	0	0	0	0
TVA	Tennessee Valley Authority	2014	134	0	0	0

TABLE 3.3.2: DETAILS OF SCENARIO 1 RESULTS: (WITHOUT FUTURE PROJECTS AND WITHOUT PENDING TRANSMISSION SERVICE & STUDY REQUEST)

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Acadia GSU - Colonial Academy 138kV	Included in 2010 ICT Base Plan							X							
Ashland - Houma 115kV	6,700,000									X					
Bayou Fannett - Pansy 69kV	3,200,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Big Hill 138kV	20,112,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Memorial 138kV	13,375,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Brksckr 138kV	9,875,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Hankamer 138kV	4,350,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bonin 230/138kV transformer (Lafa)	Other Ownership							X							
Brookhaven - Mallalieu (MEPA) 115kV	Included in 2010 ICT Base Plan											X			
Calico Rock - Melborne 161kV	13,274,000						X							X	
Calico Rock - Norfolk 161kV	7,656,000						X							X	
Chauvin - Ashland 115kV	4,606,875									X					
Chauvin - Valentine 115kV	6,571,125									X					
Colonial Academy - Richard 138kV	Included in 2010 ICT Base Plan							X							
Coteau - Houma 115kV	1,343,250									X					
Craigden - Bayou Fannett 69kV	110,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Daytona Bulk - New Long John 138kV	11,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Florence - South Jackson 115kV - Supplemental Upgrade	Committed to by Others											X			
Hankamer - Crooked Bayou 138kV	10,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Houma - City of Houma 115kV	1,125,000									X					
International Paper - Mansfield 138kV (CLECO)	Other Ownership		X												
Jackson Forrest Hill - Ray Braswell 115kV	6,550,000											X			
Jackson Forrest Hill - Southwest Jackson 115kV	3,625,000											X			

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	LAFa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Jackson Miami - Rex Brown 115kV	Included in 2010 ICT Base Plan											X			
Lake Conway - Mayflower 115kV	4,937,500													X	
Lovells Lake - Texaco Hillebrandt 69kV	1,830,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mallalieu (MEPA) - Norfield 115kV	1,250,000											X			
Melborne - Sage 161kV	Included in 2010 ICT Base Plan						X							10	
Memorial - Mid County 138kV	1,700,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
North Crowley - Richard 138kV	Included in 2010 ICT Base Plan							X							
North Crowley - Scott1 138kV	Included in 2010 ICT Base Plan				X			X		X					
Pansy - Lovells 69kV	4,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pleasant Hill 500/161kV transformer	20,000,000						X							X	
Raceland - Coteau 115kV	14,812,500									X					
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Committed to by Others							X	X	X		X	X		
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Committed to by Others											X			
Raywood - 5L541T43 138kV	8,850,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Richard - Scott1 138kV	Included in 2010 ICT Base Plan				X			X							
Scott1 - Bonin 138kV	Included in 2010 ICT Base Plan							X							
Semere - Scott2 138kV	Included in 2010 ICT Base Plan				X			X							
Shiloh - 5L541T43 138kV	8,712,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shiloh - Brksrck 138kV	4,137,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sterlington 500/115kV transformer 2	Committed to by Others								X						

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	LAFa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Stowell - Big Hill 138kV	20,362,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Crooked Bayou 138kV	13,675,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Winshire 69kV	5,600,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 1	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 2	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Terrebone - Coteau 115kV	6,275,000									X					
Terrebone 230/115kV transformer	5,250,000									X					
Texaco Hillebrandt - South Beaumont 69kV	8,250,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vacherie - Waterford 230kV	32,182,500									X					
Valentine 230/115kV transformer	9,200,000									X					
West New Roads - NewRoads (LEPA) 230kV	Other Ownership									X					
Winshire - Craigen 69kV	5,990,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE 3.3.3: DETAILS OF SCENARIO 2 RESULTS: (WITHOUT FUTURE PROJECTS AND WITH PENDING TRANSMISSION SERVICE & STUDY REQUEST)

Limiting Elements	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Acadia GSU - Colonial Academy 138kV	Included in 2010 ICT Base Plan							X							
Acadia GSU - Scanlan 138kV	Included in 2010 ICT Base Plan							X							
Alchem - Monochem1 138kV	Included in 2010 ICT Base Plan									X					
Ashland - Houma 115kV	6,700,000									X					
Bayou Fannett - Pansy 69kV	3,200,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Big Hill 138kV	20,112,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Memorial 138kV	13,375,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Brksckr 138kV	9,875,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Hankamer 138kV	4,350,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bogalusa - Adams Creek 230kV ckt 1	6,355,000									X					
Bogalusa - Adams Creek 230kV ckt 2	6,355,000									X					
Bogalusa - Adams Creek 500/230kV transformer	19,110,000							X	X	X		X			
Brookhaven - Mallalieu (MEPA) 115kV	Included in 2010 ICT Base Plan											X			
Chauvin - Ashland 115kV	4,606,875									X					
Chauvin - Valentine 115kV	6,571,125									X					
Colonial Academy - Richard 138kV	Included in 2010 ICT Base Plan							X							
Coly - Vignes 230kV - Supplemental Upgrade	Committed to by Others					X				X		X			
Coly 500/230kV transformer	21,000,000									X					
Coteau - Houma 115kV	1,343,250									X					
Craigen - Bayou Fannett 69kV	110,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Daytona Bulk - New Long John 138kV	11,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Limiting Elements	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Fancy Point 500/230kV transformer 1	TBD					X				X					
Florence - Florence Switching Station 115kV	Included in 2010 ICT Base Plan											X			
Florence - South Jackson 115kV - Supplemental Upgrade	Committed to by Others											X			
Florence Switching Station - Star 115kV	2,737,500											X			
Franklin - Ray Braswell 500kV	1,400,000									X					
Habetz - Richard 138kV	Included in 2010 ICT Base Plan							X							
Hankamer - Crooked Bayou 138kV	10,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Harrison East - Omaha 161kV	21,750,000						X								
Houma - City of Houma 115kV	1,125,000									X					
Jackson Forrest Hill - Ray Braswell 115kV	6,550,000											X			
Jackson Forrest Hill - Southwest Jackson 115kV	3,625,000											X			
Jackson Miami - Jackson Monument Street 115kV	2,856,000											X			
Jackson Miami - Rex Brown 115kV	Included in 2010 ICT Base Plan											X			
Jaguar - Tap Point Esso 230kV	1,416,000					X				X					
Lovells Lake - Texaco Hillebrandt 69kV	1,830,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mallalieu (MEPA) - Norfield 115kV	1,250,000											X			
McComb - Norfield 115kV	Included in 2010 ICT Base Plan											X			
Memorial - Mid County 138kV	1,700,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mendenhall - Star 115kV	12,398,400											X			
Morton - Forind (TVA) 115kV - Supplemental Upgrade	Committed to by Others											X			
Morton - Pelahatchie 115kV - Supplemental Upgrade	Committed to by Others											X			
North Crowley - Richard 138kV	Included in 2010 ICT Base Plan							X							

Limiting Elements	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
North Crowley - Scott1 138kV	Included in 2010 ICT Base Plan	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OZD312 - Omaha 161kV	18,750,000						X								
Pansy - Lovells 69kV	4,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Port Hudson 230/138 transformer 1	14,812,500									X					
Port Hudson 230/138 transformer 2	9,200,000									X					
Raceland - Coteau 115kV	14,812,500									X					
Raceland 230/115kV transformer	9,200,000									X					
Raywood - 5L541T43 138kV	8,850,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rex Brown W - Rex Brown C 115kV ckt 1	TBD											X			
Richard - Scott1 138kV	Included in 2010 ICT Base Plan				X			X		X					
Scott1 - Bonin 138kV	Included in 2010 ICT Base Plan							X							
Semere - Scott2 138kV	Included in 2010 ICT Base Plan	X		X	X	X	X	X		X		X	X	X	X
Shiloh - 5L541T43 138kV	8,712,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shiloh - Brksckr 138kV	4,137,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
South Jackson 230/115kV transformer 1	9,200,000											X			
Sterlington 500/115kV transformer 1	Committed to by Others								X						
Sterlington 500/115kV transformer 2	Committed to by Others								X						
Stowell - Big Hill 138kV	20,362,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Crooked Bayou 138kV	13,675,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Winshire 69kV	5,600,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 1	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 2	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Terrebone - Coteau 115kV	6,275,000									X					
Terrebone 230/115kV	5,250,000									X					

Limiting Elements	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
transformer															
Texaco Hillebrandt - South Beaumont 69kV	8,250,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vacherie - Waterford 230kV	32,182,500									X					
Valentine 230/115kV transformer	9,200,000									X					
Vatican - Scott1 138kV	4,125,00									X					
West New Roads - NewRoads (LEPA) 230kV	Other Ownership									X					
Willow Glen - Webre 500kV	Included in 2010 ICT Base Plan	X		X		X	X			X	X	X	X	X	X
Willow Glen - Willow Glen 2 500/138kV transformer 1	Included in 2010 ICT Base Plan					X				X					
Willow Glen 500/230kV Transformer	21,000,000	X		X		X	X			X		X	X	X	X
Winshire - Craigen 69kV	5,990,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE 3.3.4: DETAILS OF SCENARIO 3 RESULTS: (WITH FUTURE PROJECTS AND WITHOUT PENDING TRANSMISSION SERVICE & STUDY REQUEST)

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	LAFA	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Ashland - Houma 115kV	6,700,000									X					
Bayou Fannett - Pansy 69kV	3,200,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Big Hill 138kV	20,112,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Memorial 138kV	13,375,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Brkscrk 138kV	9,875,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Hankamer 138kV	4,350,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Calico Rock - Melbourne 161kV	13,274,000						X							X	
Calico Rock - Norfolk 161kV	7,656,000						X							X	
Chauvin - Ashland 115kV	4,606,875									X					
Chauvin - Valentine 115kV	6,571,125									X					
Coteau - Houma 115kV	1,343,250									X					
Craigen - Bayou Fannett 69kV	110,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Florence - South Jackson 115kV - Supplemental Upgrade	Included in 2010 ICT Base Plan											X			
Hankamer - Crooked Bayou 138kV	10,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Houma - City of Houma 115kV	1,125,000									X					
Jackson Forrest Hill - Ray Braswell 115kV	6,550,000											X			
Jackson Forrest Hill - Southwest Jackson 115kV	3,625,000											X			
Jackson Miami - Rex Brown 115kV	Included in 2010 ICT Base Plan											X			
Lakeover 500/115kV transformer	18,000,000											X			
Lovells Lake - Texaco Hillebrandt 69kV	1,830,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Memorial - Mid County 138kV	1,700,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pansy - Lovells 69kV	4,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pleasant Hill 500/161kV transformer	20,000,000						X							X	
Raceland - Coteau 115kV	14,812,500									X					

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Committed to by Others					X		X	X	X		X	X		X
Ray Braswell 500/115kV transformer 1	18,000,000											X			
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Committed to by Others											X			
Raywood - 5L541T43 138kV	8,850,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shiloh - 5L541T43 138kV	8,712,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shiloh - Brksckr 138kV	4,137,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Big Hill 138kV	20,362,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Crooked Bayou 138kV	13,675,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Winshire 69kV	5,600,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 1	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 2	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Terrebone - Coteau 115kV	6,275,000									X					
Terrebone 230/115kV transformer	5,250,000									X					
Texaco Hillebrandt - South Beaumont 69kV	8,250,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vacherie - Waterford 230kV	32,182,500									X					
Valentine 230/115kV transformer	9,200,000									X					
West New Roads - NewRoads (LEPA) 230kV	Other Ownership									X					
Winshire - Craigen 69kV	5,990,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE 3.3.5: DETAILS OF SCENARIO 4 RESULTS: (WITH FUTURE PROJECTS AND WITH PENDING TRANSMISSION SERVICE & STUDY REQUEST)

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Ashland - Houma 115kV	6,700,000									X					
Bayou Fannett - Pansy 69kV	3,200,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Big Hill 138kV	20,112,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayou Farm - Memorial 138kV	13,375,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Brksckr 138kV	9,875,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bayshore - Hankamer 138kV	4,350,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bogalusa - Adams Creek 500/230kV transformer	19,110,000							X	X	X		X			
Chauvin - Ashland 115kV	4,606,875									X					
Chauvin - Valentine 115kV	6,571,125									X					
Coly 500/230kV transformer	21,000,000					X				X					
Coteau - Houma 115kV	1,343,251									X					
Craigen - Bayou Fannett 69kV	110,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Florence - South Jackson 115kV - Supplemental Upgrade	Committed to by Others											X			
Franklin - Ray Braswell 500kV	1,400,000									X					
Hankamer - Crooked Bayou 138kV	10,000,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Harrison East - Omaha 161kV	21,750,000						X								
Houma - City of Houma 115kV	1,125,000									X					
Jackson Forrest Hill - Ray Braswell 115kV	6,550,000											X			
Jackson Forrest Hill - Southwest Jackson 115kV	3,625,000											X			
Jackson Miami - Jackson Monument Street 115kV	2,856,000											X			
Jackson Miami - Rex Brown 115kV	Included in 2010 ICT Base Plan											X			
Lovells Lake - Texaco Hillebrandt 69kV	1,830,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Magee - Mendenhall 115kV	7,530,000											X			
Memorial - Mid County 138kV	1,700,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mendenhall - Star 115kV	12,398,400											X			
Morton - Forind (TVA) 115kV - Supplemental Upgrade	Committed to by Others											X			
Morton - Pelahatchie 115kV - Supplemental Upgrade	Committed to by Others											X			
North Crowley - Scott1 138kV	Included in 2010 ICT Base Plan							X							
OZD312 - Omaha 161kV	18,750,000						X								
Pansy - Lovells 69kV	4,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Port Hudson 230/138 transformer 1	14,812,500									X					
Port Hudson 230/138 transformer 2	9,200,000									X					
Raceland - Coteau 115kV	14,812,500									X					
Raceland 230/115kV transformer	9,200,000									X					
Raywood - 5L541T43 138kV	8,850,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rex Brown W - Rex Brown C 115kV ckt 1	TBD											X			
Shiloh - 5L541T43 138kV	8,712,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Shiloh - Brksrck 138kV	4,137,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
South Jackson 230/115kV transformer 1	9,200,000											X			
Stowell - Big Hill 138kV	20,362,500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Crooked Bayou 138kV	13,675,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell - Winshire 69kV	5,600,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 1	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stowell 138/69kV transformer ckt 2	3,500,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Terrebone - Coteau 115kV	6,275,000									X					
Terrebone 230/115kV transformer	5,250,000									X					

Limiting Element	Cost Est.	AECI	AEPW	AMRN	CLECO	EES	EMDE	Lafa	LAGN	LEPA	OKGE	SMEPA	SOCO	SPA	TVA
Texaco Hillebrandt - South Beaumont 69kV	8,250,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Valentine 230/115kV transformer	9,200,000									X					
Vatican - Scott1 138kV	4,125,000									X					
Webre - Bayou Laboutte 500kV ckt1	TBD	X	X	X		X	X		X	X	X	X	X	X	X
West New Roads - NewRoads (LEPA) 230kV	Other Ownership									X					
Willow Glen 500/230kV Transformer	21,000,000									X					
Winshire - Craigen 69kV	5,990,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X

3.3.1 DETAILS OF SCENARIO 1 – 2014

AECI

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	183
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	206
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	229
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Hankamer - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Shiloh - 5L541T43 138kV	Base Case	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Bayshore - Hankamer 138kV	Base Case	254
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	274
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	378
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	385
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	397
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	398

AEPW

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	149
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	155
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	172
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	182
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	183
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	184
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	186

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	187
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	188
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	188
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	193
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	194
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	194
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	195
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	201
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	201
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	203
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	204
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	205
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	205
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	206
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	212
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	223
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	227
Bayshore - Brkscrk 138kV	Base Case	228
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	228
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Shiloh - Brkscrk 138kV	Base Case	234
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Stowell - Crooked Bayou 138kV	Base Case	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Hankamer - Crooked Bayou 138kV	Base Case	242
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Shiloh - 5L541T43 138kV	Base Case	250
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	254
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	258
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	259
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	261
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	267
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	269
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Raywood - 5L541T43 138kV	Base Case	273
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	279
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	281
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	283
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	283
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	285
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	289
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	291
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	315
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	323
International Paper - Mansfield 138kV (CLECO)	Dolet Hills - S.W. Shreevport 345kV (CLECO)	355
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	357
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	365
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	366
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	370
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	378
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	378
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	379
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	386
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	387
Memorial - Mid County 138kV	Stowell - Winshire 69kV	390
Memorial - Mid County 138kV	Winshire - Craigen 69kV	398
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	399

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Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	183
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	206
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	215
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	229
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	236

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Hankamer - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Shiloh - 5L541T43 138kV	Base Case	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Bayshore - Hankamer 138kV	Base Case	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	272
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	274
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	377
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	378
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	385
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigien 69kV	397
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	398

CLECO

Limiting Element	Contingency Element	ATC
Richard - Scott1 138kV	North Crowley - Richard 138kV	24
North Crowley - Scott1 138kV	Habetz - Richard 138kV	24
Semere - Scott2 138kV	Habetz - Richard 138kV	73
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
North Crowley - Scott1 138kV	Wells 500/230kV transformer	144
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	151
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	157
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	157
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	164
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	190
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	196
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	196
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	197
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	197
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	203
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	203
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	207
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	208
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	216
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	226
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Bayshore - Brkscrk 138kV	Base Case	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	231
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	233
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	234
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Shiloh - Brkscrk 138kV	Base Case	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	237
Stowell - Crooked Bayou 138kV	Base Case	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	238
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Semere - Scott2 138kV	Wells 500/230kV transformer	240
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Hankamer - Crooked Bayou 138kV	Base Case	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	252
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	253
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	256
Bayshore - Hankamer 138kV	Base Case	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	259
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	262
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	262
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Raywood - 5L541T43 138kV	Base Case	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	279

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	286
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	292
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	292
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	294
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	296
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	355
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	363
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	364
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	368
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	376
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	376
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	377
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	384
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	385
Memorial - Mid County 138kV	Stowell - Winshire 69kV	388
Memorial - Mid County 138kV	Winshire - Craigien 69kV	396
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	397

EES

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	133
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	151
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	157
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	163
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	184
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	188
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	197
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	203
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	203
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	215
Stowell - Winshire 69kV	Bayshore - Brksckr 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	222
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	226
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229
Bayshore - Brksckr 138kV	Base Case	229
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	230
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	231
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	232
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	233
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	233
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Shiloh - Brksckr 138kV	Base Case	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	236
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	237
Stowell - Crooked Bayou 138kV	Base Case	237
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	239

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	244
Hankamer - Crooked Bayou 138kV	Base Case	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	247
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	248
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	248
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	248
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	250
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	251
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	254
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	254
Bayshore - Hankamer 138kV	Base Case	255
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	256
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	262
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	262
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	263

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	265
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	265
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	265
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	267
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	271
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	275
Raywood - 5L541T43 138kV	Base Case	276
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	276
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	283
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	283
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	287
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	289
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	289
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	290
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	291
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	294
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	303
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	305
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	311
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	320
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	364
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	370
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	378
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	379

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	385
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	397
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	398

EMDE

Limiting Element	Contingency Element	ATC
Pleasant Hill 500/161kV transformer	ANO 500/161/22kV transformer	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Calico Rock - Melborne 161kV	Dell - Independence SES 500kV	145
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brksckr 138kV	Dayton Bulk - Cheek 138kV	183
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - Brksckr 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brksckr 138kV	Stowell - Winshire 69kV	187
Shiloh - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brksckr 138kV	China 230/138kV transformer 1	188
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	189
Shiloh - Brksckr 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brksckr 138kV	Memorial - Mid County 138kV	192

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Calico Rock - Melborne 161kV	ANO - Fort Smith 500kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	194
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	195
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	204
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	204
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	205
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	228
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	228
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Calico Rock - Melborne 161kV	Newport - Newport Industrial 161kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Calico Rock - Norfolk 161kV	Dell - Independence SES 500kV	242
Hankamer - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	248
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brksckr 138kV	250
Shiloh - 5L541T43 138kV	Base Case	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brksckr 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigien 69kV	Bayshore - Brksckr 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	254
Winshire - Craigien 69kV	Shiloh - Brksckr 138kV	255
Calico Rock - Melborne 161kV	Newport AB - Newport Industrial 161kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	256
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	258
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	258
Craigien - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigien - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	261
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Melborne - Sage 161kV	Dell - Independence SES 500kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	267
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Raywood - 5L541T43 138kV	Base Case	274
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Calico Rock - Norfolk 161kV	ANO - Fort Smith 500kV	281

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Calico Rock - Melborne 161kV	Cash - Newport AB 161kV	290
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Melborne - Sage 161kV	ANO - Fort Smith 500kV	302
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	315
Calico Rock - Melborne 161kV	Cash - Jonesboro 161kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	323
Calico Rock - Melborne 161kV	Newport - Swifton 161kV	332
Calico Rock - Norfolk 161kV	Newport - Newport Industrial 161kV	334
Calico Rock - Melborne 161kV	Sansouci - Shelby (TVA) 500kV	344
Calico Rock - Melborne 161kV	Sage - Guion 161kV	345
Calico Rock - Norfolk 161kV	Newport AB - Newport Industrial 161kV	356
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Melborne - Sage 161kV	Newport - Newport Industrial 161kV	358
Calico Rock - Melborne 161kV	Mountain View - Guion 161kV	362
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	370
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	379
Melborne - Sage 161kV	Newport AB - Newport Industrial 161kV	380
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	385
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Calico Rock - Norfolk 161kV	Cash - Newport AB 161kV	390
Memorial - Mid County 138kV	Winshire - Craigen 69kV	397
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	398

Lafa

Limiting Element	Contingency Element	ATC
Richard - Scott1 138kV	North Crowley - Richard 138kV	7

Limiting Element	Contingency Element	ATC
North Crowley - Scott1 138kV	Habetz - Richard 138kV	7
Semere - Scott2 138kV	Habetz - Richard 138kV	24
Semere - Scott2 138kV	North Crowley - Richard 138kV	30
North Crowley - Scott1 138kV	Wells 500/230kV transformer	43
Semere - Scott2 138kV	Wells 500/230kV transformer	84
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	152
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	157
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	157
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	164
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	174
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	190
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	190
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	190
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	194

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	196
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	196
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	197
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	198
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	203
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	207
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	208
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	210
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Richard - Scott1 138kV	Habetz - Richard 138kV	212
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	215
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	216
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	226
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Bayshore - Brkscrk 138kV	Base Case	230
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	231
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	231
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Shiloh - Brkscrk 138kV	Base Case	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	237
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	238
Stowell - Crooked Bayou 138kV	Base Case	238
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Hankamer - Crooked Bayou 138kV	Base Case	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Colonial Academy - Richard 138kV	Habetz - Richard 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Richard - Scott1 138kV	Wells 500/230kV transformer	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	251
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	252
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	253

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	256
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	256
Bayshore - Hankamer 138kV	Base Case	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	259
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	262
Colonial Academy - Richard 138kV	North Crowley - Richard 138kV	262
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Raywood - 5L541T43 138kV	Base Case	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	279
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	288

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	292
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	292
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	294
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	296
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	300
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	306
Colonial Academy - Richard 138kV	Wells 500/230kV transformer	309
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
North Crowley - Richard 138kV	Habetz - Richard 138kV	335
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	336
Scott1 - Bonin 138kV	Wells 500/230kV transformer	344
Scott1 - Bonin 138kV	Habetz - Richard 138kV	354
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	354
Acadia GSU - Colonial Academy 138kV	Habetz - Richard 138kV	360
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	362
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	363
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	368
North Crowley - Richard 138kV	Wells 500/230kV transformer	370
Bonin 230/138kV transformer (LAFA)	Flander - Beadle 230kV (LAFA)	371
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	375
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	376
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	377
Acadia GSU - Colonial Academy 138kV	North Crowley - Richard 138kV	379
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	383
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	384
Memorial - Mid County 138kV	Stowell - Winshire 69kV	387
Memorial - Mid County 138kV	Winshire - Craigien 69kV	395
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	396

LAGN

Limiting Element	Contingency Element	ATC
Sterlington 500/115kV transformer 2	Sterlington 500/115kV transformer 1	128
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	151
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	157
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	163
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	175

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	185
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	190
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	196
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	196
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	197
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	197
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	203
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	203

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	207
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	208
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	208
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	216
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	226
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayshore - Brkscrk 138kV	Base Case	230
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	231
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Shiloh - Brkscrk 138kV	Base Case	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Hankamer - Crooked Bayou 138kV	Base Case	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	252
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	253
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Bayshore - Hankamer 138kV	Base Case	256
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	259
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Raywood - 5L541T43 138kV	Base Case	275
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	292
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	294
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	344
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	355
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	363
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	364
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	368
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	376

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	376
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	377
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	384
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	385
Memorial - Mid County 138kV	Stowell - Winshire 69kV	388
Memorial - Mid County 138kV	Winshire - Craigen 69kV	396
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	397

LEPA

Limiting Element	Contingency Element	ATC
Vacherie - Waterford 230kV	Raceland - Waterford 230kV	46
West New Roads - NewRoads (LEPA) 230kV	Cypress 230/138kV transformer 1	105
West New Roads - NewRoads (LEPA) 230kV	Central (Texas) - Sunco 138kV	105
West New Roads - NewRoads (LEPA) 230kV	MidtownB - Almonaster 230kV	105
West New Roads - NewRoads (LEPA) 230kV	Mabelvale 500/115kV transformer 1	105
West New Roads - NewRoads (LEPA) 230kV	Base Case	116
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	151
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	157
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	164
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	168
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	190
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	192
Chauvin - Valentine 115kV	Coteau - Houma 115kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	196
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	196
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	197
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	197
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
North Crowley - Scott1 138kV	Richard - Scott1 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	203
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	203
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	207
Chauvin - Ashland 115kV	Coteau - Houma 115kV	207
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	208
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	214
Raceland - Coteau 115kV	Terrebone 230/115kV transformer	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	216
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	226
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Bayshore - Brksckr 138kV	Base Case	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	231
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	234
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Shiloh - Brksckr 138kV	Base Case	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	237
Stowell - Crooked Bayou 138kV	Base Case	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brksckr 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brksckr 138kV	244
Hankamer - Crooked Bayou 138kV	Base Case	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brksckr 138kV	245
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	252
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	253
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Bayshore - Hankamer 138kV	Base Case	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	259
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	262
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Ashland - Houma 115kV	Coteau - Houma 115kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Coteau - Houma 115kV	Chauvin - Valentine 115kV	273

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Raywood - 5L541T43 138kV	Base Case	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	279
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Raceland - Coteau 115kV	Terrebone - Coteau 115kV	283
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Terrebone - Coteau 115kV	Raceland - Coteau 115kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	292
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	294
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	296
Coteau - Houma 115kV	Chauvin - Ashland 115kV	300
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Coteau - Houma 115kV	Waterford - Valentine 230kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Coteau - Houma 115kV	Valentine 230/115kV transformer	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Houma - City of Houma 115kV	Paragould South (AECC) - Paragould 161 kV	322
Vacherie - Waterford 230kV	Landry - Raceland 230kV	338
Houma - City of Houma 115kV	Base Case	338
Terrebone 230/115kV transformer	Raceland - Coteau 115kV	350
Coteau - Houma 115kV	Ashland - Houma 115kV	353
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	355
Valentine 230/115kV transformer	Coteau - Houma 115kV	355
Terrebone 230/115kV transformer	Bayou Sales - WaxLake 138kV (CLECO)	359
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	363
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	364
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	368
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	376
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	376
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	377

Limiting Element	Contingency Element	ATC
Terrebone 230/115kV transformer	Bayou Sales - Teche 138kV (CLECO)	378
Coteau - Houma 115kV	Barataria - Nine Mile 115kV	382
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	384
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	385
Memorial - Mid County 138kV	Stowell - Winshire 69kV	388
Coteau - Houma 115kV	Greenwood - Terrebone 115kV	388
Memorial - Mid County 138kV	Winshire - Craigen 69kV	396
Terrebone 230/115kV transformer	ELPTAP - Wax Lake 138kV (CLECO)	397

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Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brksckr 138kV	Dayton Bulk - Cheek 138kV	183
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	183
Shiloh - Brksckr 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	184
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brksckr 138kV	Stowell - Winshire 69kV	187
Shiloh - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brksckr 138kV	China 230/138kV transformer 1	188
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brksckr 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	194
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	195
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	195
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	204
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	205
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	228
Bayshore - Brkscrk 138kV	Base Case	228
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	229

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	235
Stowell - Crooked Bayou 138kV	Base Case	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Hankamer - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Shiloh - 5L541T43 138kV	Base Case	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	254
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	258
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	263
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	269
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Raywood - 5L541T43 138kV	Base Case	274
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	281
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	283
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	289
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	291
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	315
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	364
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	370
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	378
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	379
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	385
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigien 69kV	397
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	398

SMEPA

Limiting Element	Contingency Element	ATC
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	McAdams 500/230kV transformer 1	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	McAdams - Pickens 230kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Richard - Wells 500kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Franklin - Ray Braswell 500kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Canton - Pickens 230kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Rex Brown - Rex Brown C 230/115kV transformer 1	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Lakeover 500/115kV transformer	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Pelahatchie - Rankin 115kV	0

Limiting Element	Contingency Element	ATC
LookforTestContingency		
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Hartburg - Roy S. Nelson 500kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade LookforTestContingency	Base Case	0
Jackson Forrest Hill - Ray Braswell 115kV	South Jackson 230/115kV transformer 1	0
Jackson Forrest Hill - Southwest Jackson 115kV	South Jackson 230/115kV transformer 1	0
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Adams Creek 500/230kV transformer	0
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Franklin 500kV	0
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Adams Creek 500/230kV transformer	27
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Franklin 500kV	27
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	139
Bayshore - Brksrck 138kV	China Bulk - Sabine 230kV	151
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brksrck 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	163
Bayshore - Brksrck 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	173
Shiloh - Brksrck 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brksrck 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brksrck 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brksrck 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brksrck 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brksrck 138kV	Amelia Bulk - China Bulk 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brksrck 138kV	Dayton Bulk - Cheek 138kV	184
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brksrck 138kV	Cheek - South Beaumont 138kV	185
Shiloh - Brksrck 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brksrck 138kV	Stowell - Winshire 69kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brksrck 138kV	Amelia Bulk - China Bulk 230kV	189
Bayshore - Brksrck 138kV	China 230/138kV transformer 1	189
Bayshore - Brksrck 138kV	Memorial - Mid County 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	196
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	201
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	203
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	208
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	208
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	229

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Base Case	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Shiloh - Brkscrk 138kV	Base Case	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	244
Hankamer - Crooked Bayou 138kV	Base Case	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	253
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	255
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	275
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	292
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	294
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	296
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	304
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	304
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	316
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	316
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Jackson Miami - Rex Brown 115kV	South Jackson 230/115kV transformer 1	344
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	355
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	363
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	364
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Mallalieu (MEPA) - Norfield 115kV	Bogalusa - Adams Creek 500/230kV transformer	374
Mallalieu (MEPA) - Norfield 115kV	Bogalusa - Franklin 500kV	374
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	376
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	378
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	384
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	385
Memorial - Mid County 138kV	Stowell - Winshire 69kV	388
Memorial - Mid County 138kV	Winshire - Craigen 69kV	396
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	397

SOCO

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	163

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	183
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	190
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	206
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	209
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	215
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Shiloh - Brkscrk 138kV	Base Case	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	237
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Hankamer - Crooked Bayou 138kV	Base Case	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	255
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	275
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	376
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	378
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	384
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	385
Memorial - Mid County 138kV	Stowell - Winshire 69kV	388
Memorial - Mid County 138kV	Winshire - Craigen 69kV	396
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	397

SPA

Limiting Element	Contingency Element	ATC
Lake Conway - Mayflower 115kV	Pleasant Hill 500/161kV transformer	0
Pleasant Hill 500/161kV transformer	ANO 500/161/22kV transformer	0
Calico Rock - Melborne 161kV	Dell - Independence SES 500kV	117
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	155
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	156
Calico Rock - Melborne 161kV	ANO - Fort Smith 500kV	160
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	162
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	178
Calico Rock - Melborne 161kV	Newport - Newport Industrial 161kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	183
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	187
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	192
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195
Calico Rock - Norfolk 161kV	Dell - Independence SES 500kV	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	195
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Calico Rock - Melborne 161kV	Newport AB - Newport Industrial 161kV	197
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	204
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	205
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Melborne - Sage 161kV	Dell - Independence SES 500kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	214
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Calico Rock - Melborne 161kV	Cash - Newport AB 161kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	228
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Calico Rock - Norfolk 161kV	ANO - Fort Smith 500kV	233
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Hankamer - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Calico Rock - Melborne 161kV	Cash - Jonesboro 161kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	248
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Shiloh - 5L541T43 138kV	Base Case	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Melborne - Sage 161kV	ANO - Fort Smith 500kV	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Bayshore - Hankamer 138kV	Base Case	254
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Calico Rock - Norfolk 161kV	Newport - Newport Industrial 161kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Calico Rock - Melborne 161kV	Newport - Swifton 161kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	269

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	271
Calico Rock - Melborne 161kV	Sansouci - Shelby (TVA) 500kV	271
Calico Rock - Melborne 161kV	Sage - Guion 161kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Calico Rock - Norfolk 161kV	Newport AB - Newport Industrial 161kV	274
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	274
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Melborne - Sage 161kV	Newport - Newport Industrial 161kV	276
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Calico Rock - Melborne 161kV	Mountain View - Guion 161kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	287
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Melborne - Sage 161kV	Newport AB - Newport Industrial 161kV	293
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Calico Rock - Norfolk 161kV	Cash - Newport AB 161kV	301
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Melborne - Sage 161kV	Cash - Newport AB 161kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	323
Calico Rock - Norfolk 161kV	Cash - Jonesboro 161kV	324
Calico Rock - Norfolk 161kV	Newport - Swifton 161kV	342
Melborne - Sage 161kV	Cash - Jonesboro 161kV	342
Calico Rock - Norfolk 161kV	Sage - Guion 161kV	351
Calico Rock - Norfolk 161kV	Sansouci - Shelby (TVA) 500kV	353
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Melborne - Sage 161kV	Newport - Swifton 161kV	361

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364
Calico Rock - Norfolk 161kV	Mountain View - Guion 161kV	364
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Melborne - Sage 161kV	Sage - Guion 161kV	371
Melborne - Sage 161kV	Sansouci - Shelby (TVA) 500kV	373
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	378
Melborne - Sage 161kV	Mountain View - Guion 161kV	384
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	385
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	397
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	398

TVA

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	150
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	156
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	156
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	163
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	176
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	180
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	182
Bayshore - Brksckr 138kV	Dayton Bulk - Cheek 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	184
Shiloh - Brksckr 138kV	Cheek - South Beaumont 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brksckr 138kV	Stowell - Winshire 69kV	188
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	189
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	189
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	195
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	195
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	196
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	196
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	200
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	200
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	202
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	202
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	205
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	206
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	207
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	207
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	207
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	208
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	211
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	214
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	215
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	215
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	221
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	228
Bayshore - Brkscrk 138kV	Base Case	229
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	230
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	230
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	230
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	231
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	234
Shiloh - Brkscrk 138kV	Base Case	235
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	235
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	236
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	236
Stowell - Crooked Bayou 138kV	Base Case	236
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	236
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	238
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	243
Hankamer - Crooked Bayou 138kV	Base Case	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	245
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	245
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	246
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	246
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	247
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	248

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	250
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	250
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	251
Shiloh - 5L541T43 138kV	Base Case	251
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	252
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	253
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	253
Bayshore - Hankamer 138kV	Base Case	255
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	255
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	257
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	259
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	259
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	260
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	261
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	261
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	261
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	262
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	266
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	270
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	270
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	270
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	270
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	274
Raywood - 5L541T43 138kV	Base Case	275
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	276
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	278

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	280
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	282
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	282
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	284
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	286
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	288
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	290
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	295
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	304
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	314
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	321
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	356
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	364
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	365
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	369
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	377
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	377
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	378
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	385
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	386
Memorial - Mid County 138kV	Stowell - Winshire 69kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	396
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	398

3.3.2 DETAILS OF SCENARIO 2 - 2014

AECI

Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
North Crowley - Scott1 138kV	Richard - Wells 500kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	341
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Willow Glen - Webre 500kV	Coly - McKnight 500kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Semere - Scott2 138kV	Richard - Wells 500kV	363
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

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Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	174
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	176
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	182
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	198
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	199
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	199
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	203
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	207
North Crowley - Scott1 138kV	Richard - Wells 500kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	209
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	209
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	209
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	214
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Bayshore - Brkscrk 138kV	Base Case	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Shiloh - Brkscrk 138kV	Base Case	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	251
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Hankamer - Crooked Bayou 138kV	Base Case	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	261
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	265
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Shiloh - 5L541T43 138kV	Base Case	265
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	269
Bayshore - Hankamer 138kV	Base Case	269
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	277
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	279
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Raywood - 5L541T43 138kV	Base Case	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	318
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	347
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	354
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	356
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	360
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	368
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	369
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	375
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigien 69kV	387
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	388

AMRN

Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
North Crowley - Scott1 138kV	Richard - Wells 500kV	179
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	198
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	203
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Base Case	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Willow Glen - Webre 500kV	Coly - McKnight 500kV	333
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	343
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Semere - Scott2 138kV	Richard - Wells 500kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

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Limiting Element	Contingency Element	ATC
North Crowley - Scott1 138kV	Wells 500/230kV transformer	0
Semere - Scott2 138kV	Wells 500/230kV transformer	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	199
North Crowley - Scott1 138kV	Richard - Wells 500kV	200
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	204
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	205
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	211
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	238
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	245
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Richard - Scott1 138kV	North Crowley - Richard 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	247
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	250
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigien 69kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	253
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	253
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	259
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	260
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	277
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	313
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	319
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Semere - Scott2 138kV	Richard - Wells 500kV	344
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	353
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	361
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	366
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	373
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	374
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Memorial - Mid County 138kV	Winshire - Craigien 69kV	385
Richard - Scott1 138kV	Wells 500/230kV transformer	385
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	386

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Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Coly 500/230kV transformer	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Willow Glen 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Polsky Carville 230kV	0
Willow Glen 500/230kV Transformer	Willow Glen - Willow Glen 2 500/138kV transformer 1	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Polsky Carville 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Licar 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Licar 230kV	0
Willow Glen 500/230kV Transformer	Jaguar - Tap Point Esso 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Vulchlor - Woodstock 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Woodstock 230kV	0
Jaguar - Tap Point Esso 230kV	Addis - Big Cajun 1 230kV	0
Willow Glen 500/230kV Transformer	Fancy Point 500/230kV transformer 1	0
Willow Glen 500/230kV Transformer	Addis - Big Cajun 1 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Waterford - Willow Glen 500kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Waterford 500/230 transformer kV	0
Willow Glen 500/230kV Transformer	Waterford - Willow Glen 500kV	0
Willow Glen 500/230kV Transformer	Waterford 500/230 transformer kV	0
Willow Glen - Willow Glen 2 500/138kV transformer 1	Willow Glen 500/230kV Transformer	0
Willow Glen 500/230kV Transformer	Fancy Point - Waterloo 230kV	0
Willow Glen 500/230kV Transformer	Enjay - Fancy 230kV	0
Jaguar - Tap Point Esso 230kV	Willow Glen 500/230kV Transformer	0
Fancy Point 500/230kV transformer 1	Riverbend - Fancy Point 230kV	0
Jaguar - Tap Point Esso 230kV	Fancy Point - Waterloo 230kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Willow Glen - Webre 500kV	Coly - McKnight 500kV	171
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
North Crowley - Scott1 138kV	Richard - Wells 500kV	177
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	184
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	184
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	187
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	191
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	191

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	195
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	198
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	203
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	204
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	207
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	209
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	211
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	214
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	221
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	222
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	226
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	227
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	230
Bayshore - Hankamer 138kV	China 230/138kV transformer 1	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	238
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	243
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	245
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	245
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	245
Bayshore - Brkscrk 138kV	Base Case	245
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	249
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	249

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	250
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigien 69kV	251
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	253
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	253
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	253
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	260
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	260
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	262
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	265
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	266
Shiloh - 5L541T43 138kV	Base Case	267
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	269
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	274
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	296
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	300
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	307
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	309
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	311
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	315
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	317
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	335
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Semere - Scott2 138kV	Richard - Wells 500kV	352
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	387
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	388

EMDE

Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Harrison East - Omaha 161kV	Green Forest South - PID223TAP 161kV	99
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	182
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
North Crowley - Scott1 138kV	Richard - Wells 500kV	189
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	216
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Harrison East - Omaha 161kV	Green Forrest - Green Forrest South 161kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Shiloh - Brkscrk 138kV	Base Case	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Harrison East - Omaha 161kV	Berryville - Green Forrest 161kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
OZD312 - Omaha 161kV	Green Forest South - PID223TAP 161kV	311
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	336
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Willow Glen - Webre 500kV	Coly - McKnight 500kV	364
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Semere - Scott2 138kV	Richard - Wells 500kV	375
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

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Limiting Element	Contingency Element	ATC
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Richard - Scott1 138kV	North Crowley - Richard 138kV	0
North Crowley - Scott1 138kV	Habetz - Richard 138kV	0
Semere - Scott2 138kV	Habetz - Richard 138kV	0
Semere - Scott2 138kV	North Crowley - Richard 138kV	0
North Crowley - Scott1 138kV	Wells 500/230kV transformer	0
Semere - Scott2 138kV	Wells 500/230kV transformer	0
Richard - Scott1 138kV	Habetz - Richard 138kV	29
Colonial Academy - Richard 138kV	Habetz - Richard 138kV	66
Colonial Academy - Richard 138kV	North Crowley - Richard 138kV	76
Richard - Scott1 138kV	Wells 500/230kV transformer	115
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
North Crowley - Richard 138kV	Habetz - Richard 138kV	149
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	179
Acadia GSU - Colonial Academy 138kV	Habetz - Richard 138kV	179
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179

Limiting Element	Contingency Element	ATC
Colonial Academy - Richard 138kV	Wells 500/230kV transformer	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	184
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brksckr 138kV	Memorial - Mid County 138kV	193
Acadia GSU - Colonial Academy 138kV	North Crowley - Richard 138kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	199
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	202
Shiloh - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Bayshore - Brksckr 138kV	Stowell - Winshire 69kV	203
Bayshore - Brksckr 138kV	Dayton Bulk - Cheek 138kV	204
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	205
Shiloh - Brksckr 138kV	Cheek - South Beaumont 138kV	205
Bayshore - Brksckr 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	208
Shiloh - Brksckr 138kV	Stowell - Winshire 69kV	208
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	209
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	210
Shiloh - Brksckr 138kV	Dayton Bulk - Cheek 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	212
Shiloh - Brksckr 138kV	China 230/138kV transformer 1	212
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	212

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	217
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	219
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	222
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	224
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	227
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	230
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
North Crowley - Richard 138kV	Wells 500/230kV transformer	235
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	238
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	243
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	243
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	246
Bayshore - Brkscrk 138kV	Base Case	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	247
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	251
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	251
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	251
Shiloh - Brkscrk 138kV	Base Case	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	253
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	253
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Crooked Bayou 138kV	Base Case	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	260
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	261
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	263
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigien - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	267
Craigien - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	268
Shiloh - 5L541T43 138kV	Base Case	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	270
Acadia GSU - Scanlan 138kV	Habetz - Richard 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Bayshore - Hankamer 138kV	Base Case	272
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	275
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	277
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	279
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	281
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Acadia GSU - Scanlan 138kV	North Crowley - Richard 138kV	289
Raywood - 5L541T43 138kV	Base Case	292
Acadia GSU - Colonial Academy 138kV	Wells 500/230kV transformer	295
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Habetz - Richard 138kV	Wells 500/230kV transformer	298
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	307
Habetz - Richard 138kV	North Crowley - Richard 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	313
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	315
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	319
Scott1 - Bonin 138kV	Habetz - Richard 138kV	319
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	344
Scott1 - Bonin 138kV	Wells 500/230kV transformer	348
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	352
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	353
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	357
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	365
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	366
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	374
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	379
Memorial - Mid County 138kV	Winshire - Craigen 69kV	384
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	385
Acadia GSU - Scanlan 138kV	Wells 500/230kV transformer	387

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Limiting Element	Contingency Element	ATC
Sterlington 500/115kV transformer 2	Sterlington 500/115kV transformer 1	0
Sterlington 500/115kV transformer 1	Sterlington 500/115kV transformer 2	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
North Crowley - Scott1 138kV	Richard - Wells 500kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	199
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	204
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	204
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	209
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	211
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	231
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brksckr 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brksckr 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	243
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	245
Bayshore - Brksckr 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brksckr 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brksckr 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigien 69kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	374
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Memorial - Mid County 138kV	Winshire - Craigen 69kV	385
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	386

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Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Coly 500/230kV transformer	0
Willow Glen 500/230kV Transformer	Willow Glen - Willow Glen 2 500/138kV transformer 1	0
Willow Glen 500/230kV Transformer	Jaguar - Tap Point Esso 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	0
Coly - Vignes 230kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	0
Jaguar - Tap Point Esso 230kV	Addis - Big Cajun 1 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Willow Glen 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Polsky Carville 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Polsky Carville 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Licar 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Licar 230kV	0
North Crowley - Scott1 138kV	Richard - Scott1 138kV	0
Willow Glen 500/230kV Transformer	Addis - Big Cajun 1 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Woodstock 230kV	0
Willow Glen 500/230kV Transformer	Fancy Point 500/230kV transformer 1	0
Willow Glen - Willow Glen 2 500/138kV transformer 1	Willow Glen 500/230kV Transformer	0
Port Hudson 230/138 transformer 2	Port Hudson 230/138 transformer 1	0
Port Hudson 230/138 transformer 1	Port Hudson 230/138 transformer 2	0
Willow Glen 500/230kV Transformer	Waterford - Willow Glen 500kV	0
Willow Glen 500/230kV Transformer	Waterford 500/230 transformer kV	0
Willow Glen 500/230kV Transformer	Fancy Point - Waterloo 230kV	0
Willow Glen 500/230kV Transformer	Enjay - Fancy 230kV	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Jaguar - Tap Point Esso 230kV	Willow Glen 500/230kV Transformer	0
Alchem - Monochem1 138kV	Wintz - Willow Glen 230kV	0
Alchem - Monochem1 138kV	Wintz - Polsky Carville 230kV	0
Alchem - Monochem1 138kV	A.A.C. - Polsky Carville 230kV	0
Alchem - Monochem1 138kV	A.A.C. - Licar 230kV	0
Coly 500/230kV transformer	Coly - Willow Glen 500kV	0
Fancy Point 500/230kV transformer 1	Riverbend - Fancy Point 230kV	0
Jaguar - Tap Point Esso 230kV	Fancy Point - Waterloo 230kV	0
Alchem - Monochem1 138kV	Belle Helene - Licar 230kV	32
Bogalusa - Adams Creek 230kV ckt 1	Bogalusa - Adams Creek 230kV ckt 2	75
Bogalusa - Adams Creek 230kV ckt 2	Bogalusa - Adams Creek 230kV ckt 1	80
Willow Glen - Webre 500kV	Coly - McKnight 500kV	87
West New Roads - NewRoads (LEPA) 230kV	Carlisle - ONLASKA 138kV	105
West New Roads - NewRoads (LEPA) 230kV	Eldorado EHv - Eldorado Donan 115kV	105
North Crowley - Scott1 138kV	Richard - Wells 500kV	107
West New Roads - NewRoads (LEPA) 230kV	Base Case	116
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brksrck 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksrck 138kV	Stowell - Big Hill 138kV	175
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksrck 138kV	China Bulk - Sabine 230kV	178

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Chauvin - Valentine 115kV	Coteau - Houma 115kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Richard - Scott1 138kV	North Crowley - Richard 138kV	198
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	199
Coly 500/230kV transformer	Fancy Point 500/230kV transformer 1	199
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Semere - Scott2 138kV	Richard - Wells 500kV	203
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	204
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	205
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Chauvin - Ashland 115kV	Coteau - Houma 115kV	207
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	211
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	238
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	245
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	247
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Terrebone - Coteau 115kV	Raceland - Coteau 115kV	269
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Ashland - Houma 115kV	Coteau - Houma 115kV	272
Coteau - Houma 115kV	Chauvin - Valentine 115kV	273
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Raceland - Coteau 115kV	Terrebone - Coteau 115kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Coteau - Houma 115kV	Chauvin - Ashland 115kV	300

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Raceland - Coteau 115kV	Terrebone 230/115kV transformer	303
Coteau - Houma 115kV	Waterford - Valentine 230kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Coteau - Houma 115kV	Valentine 230/115kV transformer	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Vacherie - Waterford 230kV	Raceland - Waterford 230kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
North Crowley - Scott1 138kV	Coughlin - Plaisance 138kV (CLECO)	313
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Valentine 230/115kV transformer	Coteau - Houma 115kV	321
Houma - City of Houma 115kV	Hammond - Ponchatoula 230kV	322
Houma - City of Houma 115kV	Lula - Tunica 115kV	322
Houma - City of Houma 115kV	Bagby 230/115kV transformer 1	322
Houma - City of Houma 115kV	Parkin - Twist 161kV	322
Alchem - Monochem1 138kV	Belle Helene - Woodstock 230kV	322
Alchem - Monochem1 138kV	Vulchlor - Woodstock 230kV	323
Vatican - Scott1 138kV	Coughlin - Plaisance 138kV (CLECO)	325
Terrebone - Coteau 115kV	Raceland 230/115kV transformer	330
Terrebone 230/115kV transformer	Bayou Sales - WaxLake 138kV (CLECO)	331
Franklin - Ray Braswell 500kV	Franklin - Grand Gulf 500kV	336
Richard - Scott1 138kV	North Crowley - Scott1 138kV	338
Houma - City of Houma 115kV	Base Case	338
Willow Glen - Willow Glen 2 500/138kV transformer 1	Coly 500/230kV transformer	344
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Terrebone 230/115kV transformer	Bayou Sales - Teche 138kV (CLECO)	350
Coteau - Houma 115kV	Ashland - Houma 115kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
Raceland 230/115kV transformer	Terrebone - Coteau 115kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Raceland 230/115kV transformer	Terrebone 230/115kV transformer	363
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Terrebone 230/115kV transformer	ELPTAP - Wax Lake 138kV (CLECO)	369
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	370
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	374
Coteau - Houma 115kV	Barataria - Nine Mile 115kV	374
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Coteau - Houma 115kV	Waterford - Willow Glen 500kV	378
Coteau - Houma 115kV	Waterford 500/230 transformer kV	378
Coteau - Houma 115kV	Willow Glen - Webre 500kV	382
Memorial - Mid County 138kV	Winshire - Craigen 69kV	385
Terrebone - Coteau 115kV	Waterford - Valentine 230kV	386

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	386
Terrebone 230/115kV transformer	Bayou Vista - ELPTAP 138kV (CLECO)	399

OKGE

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	174
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	176
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	182
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
North Crowley - Scott1 138kV	Richard - Wells 500kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	198
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	203

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	216
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Bayshore - Brkscrk 138kV	Base Case	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Shiloh - Brkscrk 138kV	Base Case	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Hankamer - Crooked Bayou 138kV	Base Case	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	289

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	331
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Willow Glen - Webre 500kV	Coly - McKnight 500kV	383
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

SMEPA

Limiting Element	Contingency Element	ATC
Jackson Forrest Hill - Ray Braswell 115kV	South Jackson 230/115kV transformer 1	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Willow Glen 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Wintz - Polsky Carville 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Polsky Carville 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	A.A.C. - Licar 230kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Licar 230kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	South Jackson 230/115kV transformer 1	0
Willow Glen 500/230kV Transformer	Waterford - Willow Glen 500kV	0
Willow Glen 500/230kV Transformer	Waterford 500/230 transformer kV	0
Jackson Forrest Hill - Southwest Jackson 115kV	South Jackson 230/115kV transformer 1	0
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Adams Creek 500/230kV transformer	0
Brookhaven - Mallalieu (MEPA) 115kV	Bogalusa - Franklin 500kV	0
Coly - Vignes 230kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	0
Coly - Vignes 230kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Jackson HICO - North Jackson 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Jackson HICO - Rex Brown E 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Ray Braswell 500/115kV transformer 1	0
Coly - Vignes 230kV - Supplemental Upgrade	Belle Helene - Woodstock 230kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Lake Castle - Lakeover 230kV	0
Mallalieu (MEPA) - Norfield 115kV	Bogalusa - Adams Creek 500/230kV transformer	0
Mallalieu (MEPA) - Norfield 115kV	Bogalusa - Franklin 500kV	0

Limiting Element	Contingency Element	ATC
Rex Brown W - Rex Brown C 115kV ckt 1	North Jackson - Jackson Canton Road 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Ray Braswell 230/115kV transformer	0
Rex Brown W - Rex Brown C 115kV ckt 1	Lake Castle - North Park 230kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Klean - Jackson Northeast 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Luckney - North Park 230kV	0
Jackson Miami - Rex Brown 115kV	South Jackson 230/115kV transformer 1	0
Jackson Miami - Jackson Monument Street 115kV	South Jackson 230/115kV transformer 1	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	0
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	0
McComb - Norfield 115kV	Bogalusa - Adams Creek 500/230kV transformer	0
McComb - Norfield 115kV	Bogalusa - Franklin 500kV	0
South Jackson 230/115kV transformer 1	Jackson Miami - Rex Brown 115kV	0
Morton - Pelahatchie 115kV - Supplemental Upgrade	Angie - Adams Creek 230kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	South Jackson - Pop Spring 115kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Ray Braswell 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Mcknight 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Georgetown - Pop Spring 115kV	0
South Jackson 230/115kV transformer 1	Jackson Miami - Jackson Monument Street 115kV	25
Florence - Florence Switching Station 115kV	Bogalusa - Adams Creek 500/230kV transformer	121
Florence - Florence Switching Station 115kV	Bogalusa - Franklin 500kV	121
South Jackson 230/115kV transformer 1	Rankin 230/115kV transformer 1	123
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
North Crowley - Scott1 138kV	Richard - Wells 500kV	142
Jackson Miami - Rex Brown 115kV	Jackson Forrest Hill - Ray Braswell 115kV	155
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Florence - South Jackson 115kV - Supplemental Upgrade	Base Case	174
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	184

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	198
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	203
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	204
Willow Glen - Webre 500kV	Coly - McKnight 500kV	204
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
South Jackson 230/115kV transformer 1	Jackson Forrest Hill - Ray Braswell 115kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	211
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	211
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	244

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	249
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Jackson Miami - Rex Brown 115kV	Northside - Rex Brown 230kV	273
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278
Semere - Scott2 138kV	Richard - Wells 500kV	279
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Florence - Florence Switching Station 115kV	South Jackson - Pop Spring 115kV	301
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Morton - Forind (TVA) 115kV - Supplemental Upgrade	Angie - Adams Creek 230kV	303
Florence Switching Station - Star 115kV	Bogalusa - Adams Creek 500/230kV transformer	303
Florence Switching Station - Star 115kV	Bogalusa - Franklin 500kV	303
Jackson Miami - Rex Brown 115kV	Jackson Forrest Hill - Southwest Jackson 115kV	307
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Florence - Florence Switching Station 115kV	Georgetown - Pop Spring 115kV	324
Florence - Florence Switching Station 115kV	Georgetown - Silver Creek 115kV	330

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
South Jackson 230/115kV transformer 1	Rex Brown - Rex Brown C 230/115kV transformer 1	355
South Jackson 230/115kV transformer 1	Jackson Forrest Hill - Southwest Jackson 115kV	358
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	358
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Florence - Florence Switching Station 115kV	Franklin - Grand Gulf 500kV	362
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Florence - Florence Switching Station 115kV	Franklin - Ray Braswell 500kV	379
Memorial - Mid County 138kV	Winshire - Craigen 69kV	385
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	386
Mendenhall - Star 115kV	Bogalusa - Adams Creek 500/230kV transformer	396
Mendenhall - Star 115kV	Bogalusa - Franklin 500kV	396

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Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
North Crowley - Scott1 138kV	Richard - Wells 500kV	160
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	198
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	203
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	204
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	204
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	209
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	209
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	211
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	227
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Willow Glen - Webre 500kV	Coly - McKnight 500kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Semere - Scott2 138kV	Richard - Wells 500kV	315
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	351
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	353
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	366
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	374
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigien 69kV	386
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	387

SPA

Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	182
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
North Crowley - Scott1 138kV	Richard - Wells 500kV	189
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	216
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	China 230/138kV transformer 1	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brksckr 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Bayshore - Brksckr 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brksckr 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brksckr 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Shiloh - Brksckr 138kV	Base Case	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brksckr 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brksckr 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brksckr 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brksckr 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brksckr 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259

Limiting Element	Contingency Element	ATC
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	339
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Willow Glen - Webre 500kV	Coly - McKnight 500kV	363
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Semere - Scott2 138kV	Richard - Wells 500kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

TVA

Limiting Element	Contingency Element	ATC
Willow Glen 500/230kV Transformer	Big Cajun 2 - Fancy Point 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	135
North Crowley - Scott1 138kV	Richard - Wells 500kV	169
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	198
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	203
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	204
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	208
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	209
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	210
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Hankamer - Crooked Bayou 138kV	China 230/138kV transformer 1	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	222
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	227
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Willow Glen - Webre 500kV	Coly - McKnight 500kV	306
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Semere - Scott2 138kV	Richard - Wells 500kV	333
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Daytona Bulk - New Long John 138kV	Cleveland - Jacinto 138kV	348
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	353
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	367
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	374
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigien 69kV	386
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	387

3.3.3 DETAILS OF SCENARIO 3 - 2014

AECI

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	187
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	208
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	233
Bayshore - Brkscrk 138kV	Base Case	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Shiloh - Brkscrk 138kV	Base Case	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Base Case	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	361
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394

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Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	166
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	166
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	173
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	186
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	187
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	187
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	190
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	191
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	191
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	196
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	196
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	197
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	197
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	202
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	203
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	205
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	206
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	209
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	210
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	212
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	232
Bayshore - Brkscrk 138kV	Base Case	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Shiloh - Brkscrk 138kV	Base Case	239
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Hankamer - Crooked Bayou 138kV	Base Case	248
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Shiloh - 5L541T43 138kV	Base Case	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	265
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Raywood - 5L541T43 138kV	Base Case	278
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	361
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	374
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	375
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	376
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	382
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	386
Memorial - Mid County 138kV	Winshire - Craigien 69kV	394
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	395

AMRN

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	187
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	209
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	210
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brksckr 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	233
Bayshore - Brksckr 138kV	Base Case	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Shiloh - Brksckr 138kV	Base Case	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Shiloh - 5L541T43 138kV	Base Case	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	361
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	374

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394

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Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	163
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	168
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	168
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	186
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	193
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	194

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	196
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	198
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	199
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	206
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	207
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	209
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	210
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	211
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	211
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Bayshore - Brkscrk 138kV	Base Case	235
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	235
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Stowell - Crooked Bayou 138kV	Base Case	243
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Hankamer - Crooked Bayou 138kV	Base Case	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	251
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	251
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Shiloh - 5L541T43 138kV	Base Case	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	261
Bayshore - Hankamer 138kV	Base Case	261
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	261
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	267
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Raywood - 5L541T43 138kV	Base Case	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	286

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	292
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	352
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	360
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	361
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	372
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	373
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	374
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	380
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	381
Memorial - Mid County 138kV	Stowell - Winshire 69kV	384
Memorial - Mid County 138kV	Winshire - Craigien 69kV	392
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	393

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Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	133
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	168
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	174
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	183
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	183
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	198
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	206
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	207
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	211
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	219
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	222
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Bayshore - Brkscrk 138kV	Base Case	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	235
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	235
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	237
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	239
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	239
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	241
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	241
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	241
Stowell - Crooked Bayou 138kV	Base Case	242
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	248
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	249
Hankamer - Crooked Bayou 138kV	Base Case	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	250
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	251
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	256
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	257
Shiloh - 5L541T43 138kV	Base Case	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	258
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	261
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	261
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	264
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	264
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	265
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	265
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	266
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	270
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	272
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	273
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	277
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	281
Raywood - 5L541T43 138kV	Base Case	281
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	281
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	289
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	292
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	296
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	305
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	307
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	311
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	313
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	319
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	361
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	374
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	382
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	386
Memorial - Mid County 138kV	Winshire - Craigen 69kV	394
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	395

EMDE

Limiting Element	Contingency Element	ATC
Pleasant Hill 500/161kV transformer	ANO 500/161/22kV transformer	0
Calico Rock - Melborne 161kV	Dell - Independence SES 500kV	120
Calico Rock - Melborne 161kV	ANO - Fort Smith 500kV	129
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	187
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	191
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	198
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Calico Rock - Melborne 161kV	Newport - Newport Industrial 161kV	204
Shiloh - Brksckr 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Calico Rock - Norfolk 161kV	ANO - Fort Smith 500kV	217
Stowell - Winshire 69kV	Bayshore - Brksckr 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Calico Rock - Norfolk 161kV	Dell - Independence SES 500kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Calico Rock - Melborne 161kV	Newport AB - Newport Industrial 161kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Bayshore - Brkscrk 138kV	Base Case	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Shiloh - Brkscrk 138kV	Base Case	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	255
Shiloh - 5L541T43 138kV	Base Case	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	257
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	259
Calico Rock - Melborne 161kV	Cash - Newport AB 161kV	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	287

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Calico Rock - Melborne 161kV	Cash - Jonesboro 161kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Calico Rock - Melborne 161kV	Newport - Swifton 161kV	296
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Calico Rock - Norfolk 161kV	Newport - Newport Industrial 161kV	303
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Calico Rock - Melborne 161kV	Sansouci - Shelby (TVA) 500kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Calico Rock - Melborne 161kV	Sage - Guion 161kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Calico Rock - Norfolk 161kV	Newport AB - Newport Industrial 161kV	325
Calico Rock - Melborne 161kV	Mountain View - Guion 161kV	329
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Calico Rock - Norfolk 161kV	Cash - Newport AB 161kV	360
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	361
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	374
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	386
Calico Rock - Norfolk 161kV	Cash - Jonesboro 161kV	389
Calico Rock - Norfolk 161kV	Newport - Swifton 161kV	393
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	395

Lafa

Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	163
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	168
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	169
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	174
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	187
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	194
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	197
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	198
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	198
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	206
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	208

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	209
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	209
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	210
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	211
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	213
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	213
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	235
Bayshore - Brkscrk 138kV	Base Case	235
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	235
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	241
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Stowell - Crooked Bayou 138kV	Base Case	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Hankamer - Crooked Bayou 138kV	Base Case	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	251
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	251
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	255
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	257
Shiloh - 5L541T43 138kV	Base Case	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	261
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	261
Bayshore - Hankamer 138kV	Base Case	261
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	267
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	270
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	273
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	279
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Raywood - 5L541T43 138kV	Base Case	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	281
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	292
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	298
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	351
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	359
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	360
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	372
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	372

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	374
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	380
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	381
Memorial - Mid County 138kV	Stowell - Winshire 69kV	384
Memorial - Mid County 138kV	Winshire - Craigien 69kV	392
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	393

LAGN

Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	168
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	168
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	183
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	186
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	193
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	194

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	196
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	198
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	199
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	206
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	207
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	210
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	211
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Bayshore - Brkscrk 138kV	Base Case	235
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	235
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Crooked Bayou 138kV	Base Case	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Hankamer - Crooked Bayou 138kV	Base Case	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Shiloh - 5L541T43 138kV	Base Case	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Bayshore - Hankamer 138kV	Base Case	261
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	267
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Raywood - 5L541T43 138kV	Base Case	280
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	292
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	352
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	360
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	361
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	372
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	373
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	374
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	380
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	381
Memorial - Mid County 138kV	Stowell - Winshire 69kV	384
Memorial - Mid County 138kV	Winshire - Craigien 69kV	392
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	393

LEPA

Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Vacherie - Waterford 230kV	Raceland - Waterford 230kV	47
West New Roads - NewRoads (LEPA) 230kV	Danville - Dodson 115kV	105
West New Roads - NewRoads (LEPA) 230kV	West Yazoo - Yazoo 115kV	105
West New Roads - NewRoads (LEPA) 230kV	Winnfield - Winn Prison 115kV	105
West New Roads - NewRoads (LEPA) 230kV	Winnfield 230/115kV transformer	105
West New Roads - NewRoads (LEPA) 230kV	Base Case	116
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	168
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	168
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	186
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Chauvin - Valentine 115kV	Coteau - Houma 115kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	193
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	196
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	198
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	199
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	206
Chauvin - Ashland 115kV	Coteau - Houma 115kV	207
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	207

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	210
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	211
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	214
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	232
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Bayshore - Brkscrk 138kV	Base Case	235
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	235
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Stowell - Crooked Bayou 138kV	Base Case	243
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Hankamer - Crooked Bayou 138kV	Base Case	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	251
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	251
Raceland - Coteau 115kV	Terrebone 230/115kV transformer	252
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Shiloh - 5L541T43 138kV	Base Case	257
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	261
Bayshore - Hankamer 138kV	Base Case	261
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	267
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	270
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Ashland - Houma 115kV	Coteau - Houma 115kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Coteau - Houma 115kV	Chauvin - Valentine 115kV	273
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	275
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Raywood - 5L541T43 138kV	Base Case	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Raceland - Coteau 115kV	Terrebone - Coteau 115kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Terrebone - Coteau 115kV	Raceland - Coteau 115kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	292
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Coteau - Houma 115kV	Chauvin - Ashland 115kV	300
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Coteau - Houma 115kV	Waterford - Valentine 230kV	320

Limiting Element	Contingency Element	ATC
Coteau - Houma 115kV	Valentine 230/115kV transformer	321
Houma - City of Houma 115kV	Chauvin - Valentine 115kV	322
Houma - City of Houma 115kV	Cheek - South Beaumont 138kV	322
Houma - City of Houma 115kV	St. James - Welcome 230kV	322
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Vacherie - Waterford 230kV	Landry - Raceland 230kV	337
Houma - City of Houma 115kV	Base Case	339
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	352
Coteau - Houma 115kV	Ashland - Houma 115kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	360
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	361
Terrebone 230/115kV transformer	Bayou Sales - WaxLake 138kV (CLECO)	363
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	365
Valentine 230/115kV transformer	Coteau - Houma 115kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	372
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	374
Coteau - Houma 115kV	Barataria - Nine Mile 115kV	379
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	380
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	381
Terrebone 230/115kV transformer	Bayou Sales - Teche 138kV (CLECO)	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	384
Coteau - Houma 115kV	Golden Meadow - Barataria 115kV	388
Coteau - Houma 115kV	Greenwood - Terrebone 115kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	392
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	393

OKGE

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	166
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	184

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	187
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	187
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	188
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	191
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	191
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	192
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	196
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	197
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	198
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	203
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	206
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	209
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	212

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Bayshore - Brkscrk 138kV	Base Case	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Shiloh - Brkscrk 138kV	Base Case	239
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Shiloh - 5L541T43 138kV	Base Case	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	258
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	281
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	283
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	361
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	374
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	382
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	386
Memorial - Mid County 138kV	Winshire - Craigen 69kV	394
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	395

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Limiting Element	Contingency Element	ATC
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	McAdams 500/230kV transformer 1	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	McAdams - Pickens 230kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Roy S. Nelson - Richard 500kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Franklin - Ray Braswell 500kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Morton - ForindT2 (TVA) 115kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Canton - Pickens 230kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Morton - Pelahatchie 115kV	0
Ray Braswell 500/230kV transformer ckt2 - Supplemental Upgrade	Base Case	0
Jackson Forrest Hill - Ray Braswell 115kV	South Jackson 230/115kV transformer 1	0
Jackson Forrest Hill - Southwest Jackson 115kV	South Jackson 230/115kV transformer 1	0
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	168
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	183
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	187
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	196
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	207
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	209
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	211
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	212
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	221
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	229
Jackson Miami - Rex Brown 115kV	South Jackson 230/115kV transformer 1	230
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	234
Bayshore - Brkscrk 138kV	Base Case	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	238
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	238
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Shiloh - Brkscrk 138kV	Base Case	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Stowell - Crooked Bayou 138kV	Base Case	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Hankamer - Crooked Bayou 138kV	Base Case	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	251
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Shiloh - 5L541T43 138kV	Base Case	256
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	261
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	274

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	278
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Raywood - 5L541T43 138kV	Base Case	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	291
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	292
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	352
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	360
Florence - South Jackson 115kV - Supplemental Upgrade	South Jackson - Pop Spring 115kV	361
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	361
Florence - South Jackson 115kV - Supplemental Upgrade	Angie - Adams Creek 230kV	361
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	374
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Florence - South Jackson 115kV - Supplemental Upgrade	Georgetown - Pop Spring 115kV	383
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Florence - South Jackson 115kV - Supplemental Upgrade	Georgetown - Silver Creek 115kV	389
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	396

SOCO

Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	183
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - Brksckr 138kV	China 230/138kV transformer 1	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	209
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	210
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	211
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brksckr 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Bayshore - Brksckr 138kV	Base Case	234

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Shiloh - Brkscrk 138kV	Base Case	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell - Crooked Bayou 138kV	Base Case	242
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255

Limiting Element	Contingency Element	ATC
Shiloh - 5L541T43 138kV	Base Case	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	352
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	360
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	361
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394

SPA

Limiting Element	Contingency Element	ATC
Pleasant Hill 500/161kV transformer	ANO 500/161/22kV transformer	0
Calico Rock - Melborne 161kV	Dell - Independence SES 500kV	96
Calico Rock - Melborne 161kV	ANO - Fort Smith 500kV	107
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Calico Rock - Melborne 161kV	Newport - Newport Industrial 161kV	156
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	161
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	170
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Calico Rock - Melborne 161kV	Newport AB - Newport Industrial 161kV	173
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	173
Calico Rock - Norfolk 161kV	Dell - Independence SES 500kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	178
Calico Rock - Norfolk 161kV	ANO - Fort Smith 500kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	182
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	182
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	187
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	191
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Calico Rock - Melborne 161kV	Cash - Newport AB 161kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	204
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	208
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	209
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	211
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Calico Rock - Melborne 161kV	Cash - Jonesboro 161kV	222
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	232
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	232
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Calico Rock - Norfolk 161kV	Newport - Newport Industrial 161kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Bayshore - Brkscrk 138kV	Base Case	233
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Calico Rock - Melborne 161kV	Newport - Swifton 161kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Shiloh - Brkscrk 138kV	Base Case	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Calico Rock - Melborne 161kV	Sansouci - Shelby (TVA) 500kV	240
Stowell - Crooked Bayou 138kV	Base Case	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242

Limiting Element	Contingency Element	ATC
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Calico Rock - Melborne 161kV	Sage - Guion 161kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	246
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	248
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Calico Rock - Norfolk 161kV	Newport AB - Newport Industrial 161kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	252
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	254
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Shiloh - 5L541T43 138kV	Base Case	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Calico Rock - Melborne 161kV	Mountain View - Guion 161kV	258
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Calico Rock - Norfolk 161kV	Cash - Newport AB 161kV	276
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	279
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	279
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	281
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	281
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	287
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Calico Rock - Norfolk 161kV	Cash - Jonesboro 161kV	299
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	308
Calico Rock - Norfolk 161kV	Newport - Swifton 161kV	312
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	313
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	321
Calico Rock - Norfolk 161kV	Sansouci - Shelby (TVA) 500kV	322
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Calico Rock - Norfolk 161kV	Sage - Guion 161kV	324
Calico Rock - Norfolk 161kV	Mountain View - Guion 161kV	337
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	361
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	362

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394

TVA

Limiting Element	Contingency Element	ATC
Ray Braswell - Baxter Wilson 500kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	162
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	167
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	167
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	171
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	173
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	173
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	174
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	177
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	178
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	181
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	181
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	182
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	182
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	183
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	184
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	185
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	186
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	188
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	188
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	188
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	189
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	189
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	190
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	192
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	192
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	192

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	193
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	193
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	193
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	194
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	195
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	197
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	197
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	198
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	200
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	201
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	201
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	202
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	203
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	204
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	204
Shiloh - Brkscrk 138kV	China 230/138kV transformer 1	204
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	205
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	205
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	206
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	207
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	208
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	209
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	210
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	210
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	210
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	211
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	212
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	213
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	216
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	217
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	217
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	218
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	219
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	229
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	229

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	231
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	231
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	232
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	232
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	233
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	233
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	233
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	234
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	234
Bayshore - Brkscrk 138kV	Base Case	234
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	234
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	234
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	234
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	235
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	237
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	238
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	239
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	239
Shiloh - Brkscrk 138kV	Base Case	240
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	240
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	240
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell - Crooked Bayou 138kV	Base Case	242
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	242
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	244
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	244
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	245
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	245
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	246
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	247
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	247
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	247
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	248
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	248
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	248
Hankamer - Crooked Bayou 138kV	Base Case	249
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	249
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	249
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	249
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	250
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	250

Limiting Element	Contingency Element	ATC
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	250
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	252
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brksckr 138kV	252
Stowell 138/69kV transformer ckt 1	Shiloh - Brksckr 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	253
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	254
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	255
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	255
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	255
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	255
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	255
Shiloh - 5L541T43 138kV	Base Case	256
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	256
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	257
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	257
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	258
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	259
Bayshore - Hankamer 138kV	Base Case	260
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	260
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	260
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	263
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	263
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	263
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	264
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	264
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	265
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	268
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	268
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	269
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	271
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	271
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	272
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	272
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	274
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	276
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	277
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	278
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	279
Raywood - 5L541T43 138kV	Base Case	280
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	280
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	280
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	280

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	280
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	282
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	286
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	288
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	290
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	291
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	306
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	312
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	314
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	320
Stowell 138/69kV transformer ckt 2	Raywood - 5L541T43 138kV	323
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	360
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	362
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	373
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	375
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	381
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	382
Memorial - Mid County 138kV	Stowell - Winshire 69kV	385
Memorial - Mid County 138kV	Winshire - Craigen 69kV	393
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	394

2.3.4 DETAILS OF SCENARIO 4 - 2014

AECI

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brkscrk 138kV	Base Case	250
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

AEP-W

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	174
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	177
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	189
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	189
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	193

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	199
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	199
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	199
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	200
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	200
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	200
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	200
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	205
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	205
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	205
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	205
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	206
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	207
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	207
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	211
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	213
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	216
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	216
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	217
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	221
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	223

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	239
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Bayshore - Brkscrk 138kV	Base Case	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Shiloh - Brkscrk 138kV	Base Case	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	250
Stowell - Crooked Bayou 138kV	Base Case	251
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Hankamer - Crooked Bayou 138kV	Base Case	258
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	261
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	265
Shiloh - 5L541T43 138kV	Base Case	265
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	266
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	268
Bayshore - Hankamer 138kV	Base Case	269
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	277
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	279
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Raywood - 5L541T43 138kV	Base Case	288
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	322
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	347
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	355
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	356
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	360
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	368
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	369
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	375
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigien 69kV	387
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	388

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Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178

Limiting Element	Contingency Element	ATC
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brkscrk 138kV	Base Case	250
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

CLECO

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	179
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	185
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	192
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	203
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	209
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	214
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Shiloh - Brkscrk 138kV	Base Case	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Bayshore - Hankamer 138kV	Base Case	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282

Limiting Element	Contingency Element	ATC
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	374
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Memorial - Mid County 138kV	Winshire - Craigen 69kV	385
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	386

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Limiting Element	Contingency Element	ATC
Coly 500/230kV transformer	Coly - Willow Glen 500kV	0
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	133
Coly 500/230kV transformer	Fancy Point 500/230kV transformer 1	136
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	179
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	184
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	187
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	191
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	214
Stowell - Crooked Bayou 138kV	China 230/138kV transformer 1	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	219
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	236
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	238
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	238
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	239
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	240
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	240
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	241
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	243
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	245
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	253
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	253
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	257
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	260
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	261
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	262
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	262
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	263
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	265
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Shiloh - 5L541T43 138kV	Base Case	267
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	268

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	269
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	270
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	272
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	273
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	274
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	279
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	293
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	296
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	300
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	309
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	311
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	315
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	317
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	375
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigen 69kV	387
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	388

EMDE

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Harrison East - Omaha 161kV	Green Forest South - PID223TAP 161kV	85
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	178
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206

Limiting Element	Contingency Element	ATC
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	207
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Harrison East - Omaha 161kV	Green Forrest - Green Forrest South 161kV	210
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Bayshore - Brkscrk 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brkscrk 138kV	Base Case	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Hankamer - Crooked Bayou 138kV	Base Case	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Harrison East - Omaha 161kV	Berryville - Green Forrest 161kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294

Limiting Element	Contingency Element	ATC
OZD312 - Omaha 161kV	Green Forest South - PID223TAP 161kV	296
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brkscrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brkscrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	375
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigen 69kV	387
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	388

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Limiting Element	Contingency Element	ATC
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	180
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	184
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	185
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	197
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	202
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	202
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	203
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	203
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	203
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	209
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	210
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	214
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	215
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	215
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	219
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	221
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	226
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	226
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	230
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	231
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brksckr 138kV	240
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brksckr 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	243
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	243
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brksckr 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brksckr 138kV	245
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brksckr 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	250
Raywood - 5L541T43 138kV	Winshire - Craigien 69kV	250
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brksckr 138kV	251
Shiloh - Brksckr 138kV	Base Case	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brksckr 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brksckr 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	256
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brksckr 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brksckr 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigien 69kV	Bayshore - Brksckr 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Shiloh - Brksckr 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	263
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigien - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Bayshore - Hankamer 138kV	Base Case	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272

Limiting Element	Contingency Element	ATC
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	277
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	302
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	353
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	366
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	373
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	374
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Memorial - Mid County 138kV	Winshire - Craigien 69kV	385
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	386

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Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	179
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	185
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	203
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	209
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	209

Limiting Element	Contingency Element	ATC
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	214
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	247
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Shiloh - Brkscrk 138kV	Base Case	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brksckrk 138kV	264
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigen - Bayou Fannett 69kV	Shiloh - Brksckrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckrk 138kV	269
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckrk 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckrk 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Memorial - Mid County 138kV	Winshire - Craigen 69kV	385
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	386

LEPA

Limiting Element	Contingency Element	ATC
Coly 500/230kV transformer	Coly - Willow Glen 500kV	0
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Port Hudson 230/138 transformer 2	Port Hudson 230/138 transformer 1	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
Port Hudson 230/138 transformer 1	Port Hudson 230/138 transformer 2	21
Vatican - Scott1 138kV	Coughlin - Plaisance 138kV (CLECO)	35
Coly 500/230kV transformer	Fancy Point 500/230kV transformer 1	72
West New Roads - NewRoads (LEPA) 230kV	Bryant - Bryant South (AECC) 115kV	105
West New Roads - NewRoads (LEPA) 230kV	Lutcher - Sorrento 115kV	105
West New Roads - NewRoads (LEPA) 230kV	Parkin - Wynne East AECC 161kV	105
West New Roads - NewRoads (LEPA) 230kV	Base Case	116
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksrck 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksrck 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksrck 138kV	China Bulk - Sabine 230kV	179
Bayshore - Brksrck 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brksrck 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksrck 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	185
Shiloh - Brksrck 138kV	China Bulk - Sabine 230kV	185
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brksrck 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksrck 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	192

Limiting Element	Contingency Element	ATC
Chauvin - Valentine 115kV	Coteau - Houma 115kV	192
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	196
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	202
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	203
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Chauvin - Ashland 115kV	Coteau - Houma 115kV	207
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	209
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	209
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	214
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	219
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222

Limiting Element	Contingency Element	ATC
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	225
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	227
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	229
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	236
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	243
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	245
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigien - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Raywood - 5L541T43 138kV	Winshire - Craigien 69kV	250
Winshire - Craigien 69kV	Bayshore - Hankamer 138kV	251
Shiloh - Brkscrk 138kV	Base Case	251
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigien - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Crooked Bayou 138kV	Base Case	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	255
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Hankamer - Crooked Bayou 138kV	Base Case	260
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	265
Terrebone - Coteau 115kV	Raceland - Coteau 115kV	265
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	266
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Shiloh - 5L541T43 138kV	Base Case	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	267
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Bayshore - Hankamer 138kV	Base Case	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	272
Ashland - Houma 115kV	Coteau - Houma 115kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Coteau - Houma 115kV	Chauvin - Valentine 115kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	274
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	275
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	282
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Raceland - Coteau 115kV	Terrebone - Coteau 115kV	283
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	291
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Coteau - Houma 115kV	Chauvin - Ashland 115kV	300
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Coteau - Houma 115kV	Waterford - Valentine 230kV	307
Coteau - Houma 115kV	Valentine 230/115kV transformer	308
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	320
Houma - City of Houma 115kV	Hebert - Bayou Cove 138kV	322
Houma - City of Houma 115kV	PPG - Rose Bluff 230kV	322
Houma - City of Houma 115kV	Salem - Tylertown 115kV	322
Houma - City of Houma 115kV	Veazie (LAGN) - Plaisance (CLECO) 138kV	322
Terrebone - Coteau 115kV	Raceland 230/115kV transformer	322
Willow Glen 500/230kV Transformer	Coly 500/230kV transformer	332
Terrebone 230/115kV transformer	Bayou Sales - WaxLake 138kV (CLECO)	332
Valentine 230/115kV transformer	Coteau - Houma 115kV	333
Raceland - Coteau 115kV	Terrebone 230/115kV transformer	334
Coly 500/230kV transformer	Bogalusa - Adams Creek 500/230kV transformer	335

Limiting Element	Contingency Element	ATC
Coly 500/230kV transformer	Bogalusa - Franklin 500kV	335
Houma - City of Houma 115kV	Base Case	339
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	345
Terrebone 230/115kV transformer	Bayou Sales - Teche 138kV (CLECO)	352
Coteau - Houma 115kV	Ashland - Houma 115kV	353
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	354
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	358
Raceland 230/115kV transformer	Terrebone - Coteau 115kV	362
Franklin - Ray Braswell 500kV	Franklin - Grand Gulf 500kV	362
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	365
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	367
Coteau - Houma 115kV	Barataria - Nine Mile 115kV	372
Terrebone 230/115kV transformer	ELPTAP - Wax Lake 138kV (CLECO)	372
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	373
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	374
Terrebone - Coteau 115kV	Waterford - Valentine 230kV	375
Terrebone - Coteau 115kV	Valentine 230/115kV transformer	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	377
Coteau - Houma 115kV	Waterford - Willow Glen 500kV	378
Coteau - Houma 115kV	Waterford 500/230 transformer kV	378
Coteau - Houma 115kV	Webre - Bayou Laboutte 500kV ckt1	379

OKGE

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksrck 138kV	Stowell - Big Hill 138kV	172
Shiloh - Brksrck 138kV	Stowell - Big Hill 138kV	174
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Bayshore - Brksrck 138kV	China Bulk - Sabine 230kV	178
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksrck 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brksrck 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	182
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brksrck 138kV	China Bulk - Sabine 230kV	183
Bayshore - Brksrck 138kV	Bayou Farm - Memorial 138kV	183
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brksrck 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksrck 138kV	Memorial - Mid County 138kV	190

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	199
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	200
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	205
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	205
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	207
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	207
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	216
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	222

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Stowell - Winshire 69kV	Shiloh - Brksckr 138kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brksckr 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brksckr 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brksckr 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brksckr 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	240
Bayou Farm - Big Hill 138kV	Bayshore - Brksckr 138kV	240
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brksckr 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Bayshore - Brksckr 138kV	Base Case	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Bayou Farm - Memorial 138kV	Bayshore - Brksckr 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brksckr 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Shiloh - Brkscrk 138kV	Base Case	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	251
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	253
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Hankamer - Crooked Bayou 138kV	Base Case	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Shiloh - 5L541T43 138kV	Base Case	265
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	269
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Bayshore - Hankamer 138kV	Base Case	269
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	277
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	279
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Raywood - 5L541T43 138kV	Base Case	289
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	354
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	367
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	375
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigien 69kV	387
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	388

SMEPA

Limiting Element	Contingency Element	ATC
Jackson Forrest Hill - Ray Braswell 115kV	South Jackson 230/115kV transformer 1	0
Rex Brown W - Rex Brown C 115kV ckt 1	South Jackson 230/115kV transformer 1	0
Jackson Forrest Hill - Southwest Jackson 115kV	South Jackson 230/115kV transformer 1	0
Rex Brown W - Rex Brown C 115kV ckt 1	Ray Braswell 500/115kV transformer 1	0
Rex Brown W - Rex Brown C 115kV ckt 1	Lake Castle - Lakeover 230kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Jackson HICO - North Jackson 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Jackson HICO - Rex Brown E 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Klean - Jackson Northeast 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Lake Castle - North Park 230kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Ray Braswell 230/115kV transformer	0
Rex Brown W - Rex Brown C 115kV ckt 1	Klean - Flowood 115kV	0
Rex Brown W - Rex Brown C 115kV ckt 1	Luckney - North Park 230kV	0
Jackson Miami - Rex Brown 115kV	South Jackson 230/115kV transformer 1	0
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Adams Creek 500/230kV transformer	0
Florence - South Jackson 115kV - Supplemental Upgrade	Bogalusa - Franklin 500kV	0
Jackson Miami - Jackson Monument Street 115kV	South Jackson 230/115kV transformer 1	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Mcknight 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Grand Gulf 500kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	South Jackson - Pop Spring 115kV	0
Florence - South Jackson 115kV - Supplemental Upgrade	Franklin - Ray Braswell 500kV	0
Morton - Pelahatchie 115kV - Supplemental Upgrade	Angie - Adams Creek 230kV	0
South Jackson 230/115kV transformer 1	Jackson Miami - Rex Brown 115kV	0
Bogalusa - Adams Creek 500/230kV transformer	Franklin - Mcknight 500kV	0
South Jackson 230/115kV transformer 1	Jackson Miami - Jackson Monument Street 115kV	78
Florence - South Jackson 115kV - Supplemental Upgrade	Base Case	105
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
South Jackson 230/115kV transformer 1	Rankin 230/115kV transformer 1	148
Bayshore - Brksrck 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	175
Shiloh - Brksrck 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksrck 138kV	China Bulk - Sabine 230kV	179
Bayshore - Brksrck 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksrck 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksrck 138kV	Bayou Farm - Memorial 138kV	184
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brksrck 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	201
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	201
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	202
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	207
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	207
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	218
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	220

Limiting Element	Contingency Element	ATC
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	223
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	225
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
South Jackson 230/115kV transformer 1	Jackson Forrest Hill - Ray Braswell 115kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	247
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	255
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	264
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267

Limiting Element	Contingency Element	ATC
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Bayshore - Hankamer 138kV	Base Case	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Jackson Miami - Rex Brown 115kV	Jackson Forrest Hill - Ray Braswell 115kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	286
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	288
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	308
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Morton - Forind (TVA) 115kV - Supplemental Upgrade	Angie - Adams Creek 230kV	325
Mendenhall - Star 115kV	Bogalusa - Adams Creek 500/230kV transformer	328
Mendenhall - Star 115kV	Bogalusa - Franklin 500kV	328
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
South Jackson 230/115kV transformer 1	Rex Brown - Rex Brown C 230/115kV transformer 1	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	353
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	366
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
South Jackson 230/115kV transformer 1	Jackson Forrest Hill - Southwest Jackson 115kV	382
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387
Magee - Mendenhall 115kV	Bogalusa - Adams Creek 500/230kV transformer	393
Magee - Mendenhall 115kV	Bogalusa - Franklin 500kV	393

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Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brkscrk 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brkscrk 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brkscrk 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	179
Shiloh - Brkscrk 138kV	Bayou Farm - Big Hill 138kV	182
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brkscrk 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brkscrk 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	196
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	197
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	201

Limiting Element	Contingency Element	ATC
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	208
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	230

Limiting Element	Contingency Element	ATC
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	247
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigien - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	257
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brkscrk 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigien 69kV	Bayshore - Brkscrk 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigien 69kV	Shiloh - Brkscrk 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Craigien - Bayou Fannett 69kV	Bayshore - Brkscrk 138kV	264
Shiloh - 5L541T43 138kV	Base Case	266
Craigien - Bayou Fannett 69kV	Shiloh - Brkscrk 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigien 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brkscrk 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brkscrk 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigien 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigien - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigien - Bayou Fannett 69kV	Stowell - Big Hill 138kV	274
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigien 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigien 69kV	Bayou Farm - Big Hill 138kV	278

Limiting Element	Contingency Element	ATC
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigien - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigien - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigien 69kV	Bayou Farm - Memorial 138kV	282
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Craigien - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigien 69kV	354
Stowell - Big Hill 138kV	Craigien - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigien 69kV	367
Bayou Farm - Big Hill 138kV	Craigien - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigien 69kV	374
Bayou Farm - Memorial 138kV	Craigien - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigien 69kV	386
Memorial - Mid County 138kV	Craigien - Bayou Fannett 69kV	387

SPA

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	183
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	184

Limiting Element	Contingency Element	ATC
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Shiloh - Brkscrk 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	190
Bayshore - Brkscrk 138kV	Memorial - Mid County 138kV	190
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Shiloh - Brkscrk 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	194
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brkscrk 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Bayshore - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brkscrk 138kV	Amelia Bulk - China Bulk 230kV	200
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Bayshore - Brkscrk 138kV	Stowell - Winshire 69kV	201
Shiloh - Brkscrk 138kV	Cheek - South Beaumont 138kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	207
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	213
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	213
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	217
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218

Limiting Element	Contingency Element	ATC
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	219
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	220
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	223
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	241
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Bayshore - Brkscrk 138kV	Base Case	244
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brksckr 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Shiloh - Brksckr 138kV	Base Case	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brksckr 138kV	251
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brksckr 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brksckr 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brksckr 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brksckr 138kV	256
Memorial - Mid County 138kV	Shiloh - Brksckr 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brksckr 138kV	256
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	258
Hankamer - Crooked Bayou 138kV	Base Case	259
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	265
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	271
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	277
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	281
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	283
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	285
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	289
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	294
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	317
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	367
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	376
Memorial - Mid County 138kV	Stowell - Winshire 69kV	379
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386

Limiting Element	Contingency Element	ATC
Memorial - Mid County 138kV	Craigden - Bayou Fannett 69kV	388

TVA

Limiting Element	Contingency Element	ATC
Webre - Bayou Laboutte 500kV ckt1	Coly - McKnight 500kV	0
Stowell 138/69kV transformer ckt 2	Stowell 138/69kV transformer ckt 1	134
Bayshore - Brksckr 138kV	Stowell - Big Hill 138kV	172
Stowell - Crooked Bayou 138kV	Stowell - Big Hill 138kV	174
Shiloh - Brksckr 138kV	Stowell - Big Hill 138kV	175
Hankamer - Crooked Bayou 138kV	Stowell - Big Hill 138kV	178
Bayshore - Brksckr 138kV	China Bulk - Sabine 230kV	178
Bayshore - Brksckr 138kV	Bayou Farm - Big Hill 138kV	179
Stowell - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - Brksckr 138kV	Bayou Farm - Big Hill 138kV	182
Shiloh - 5L541T43 138kV	Stowell - Big Hill 138kV	183
Bayshore - Hankamer 138kV	Stowell - Big Hill 138kV	183
Bayshore - Brksckr 138kV	Bayou Farm - Memorial 138kV	183
Stowell - Crooked Bayou 138kV	China Bulk - Sabine 230kV	184
Shiloh - Brksckr 138kV	China Bulk - Sabine 230kV	184
Hankamer - Crooked Bayou 138kV	Bayou Farm - Big Hill 138kV	185
Shiloh - Brksckr 138kV	Bayou Farm - Memorial 138kV	186
Stowell - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	186
Hankamer - Crooked Bayou 138kV	Bayou Farm - Memorial 138kV	190
Shiloh - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	190
Bayshore - Brksckr 138kV	Memorial - Mid County 138kV	190
Hankamer - Crooked Bayou 138kV	China Bulk - Sabine 230kV	191
Bayshore - Hankamer 138kV	Bayou Farm - Big Hill 138kV	191
Shiloh - Brksckr 138kV	Memorial - Mid County 138kV	193
Stowell - Crooked Bayou 138kV	Memorial - Mid County 138kV	193
Raywood - 5L541T43 138kV	Stowell - Big Hill 138kV	194
Shiloh - 5L541T43 138kV	Bayou Farm - Memorial 138kV	194
Bayshore - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	195
Bayshore - Hankamer 138kV	Bayou Farm - Memorial 138kV	195
Bayshore - Brksckr 138kV	Cheek - South Beaumont 138kV	195
Hankamer - Crooked Bayou 138kV	Memorial - Mid County 138kV	196
Shiloh - 5L541T43 138kV	China Bulk - Sabine 230kV	200
Bayshore - Brksckr 138kV	Dayton Bulk - Cheek 138kV	200
Stowell - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	200
Shiloh - Brksckr 138kV	Amelia Bulk - China Bulk 230kV	201
Bayshore - Brksckr 138kV	Stowell - Winshire 69kV	201
Stowell - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	201
Shiloh - 5L541T43 138kV	Memorial - Mid County 138kV	201
Shiloh - Brksckr 138kV	Cheek - South Beaumont 138kV	201
Raywood - 5L541T43 138kV	Bayou Farm - Big Hill 138kV	202
Bayshore - Hankamer 138kV	China Bulk - Sabine 230kV	202
Bayshore - Hankamer 138kV	Memorial - Mid County 138kV	202
Stowell - Winshire 69kV	Stowell - Crooked Bayou 138kV	206
Raywood - 5L541T43 138kV	Bayou Farm - Memorial 138kV	206

Limiting Element	Contingency Element	ATC
Stowell - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	206
Stowell - Crooked Bayou 138kV	Stowell - Winshire 69kV	206
Shiloh - Brkscrk 138kV	Dayton Bulk - Cheek 138kV	206
Shiloh - Brkscrk 138kV	Stowell - Winshire 69kV	206
Hankamer - Crooked Bayou 138kV	Amelia Bulk - China Bulk 230kV	207
Bayshore - Brkscrk 138kV	China 230/138kV transformer 1	208
Hankamer - Crooked Bayou 138kV	Cheek - South Beaumont 138kV	208
Stowell - Winshire 69kV	Hankamer - Crooked Bayou 138kV	208
Hankamer - Crooked Bayou 138kV	Stowell - Winshire 69kV	212
Stowell - Winshire 69kV	Bayshore - Hankamer 138kV	212
Raywood - 5L541T43 138kV	Memorial - Mid County 138kV	213
Hankamer - Crooked Bayou 138kV	Dayton Bulk - Cheek 138kV	213
Stowell - Crooked Bayou 138kV	Winshire - Craigen 69kV	214
Shiloh - Brkscrk 138kV	Winshire - Craigen 69kV	214
Stowell - Big Hill 138kV	Stowell - Crooked Bayou 138kV	216
Shiloh - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	217
Shiloh - 5L541T43 138kV	Cheek - South Beaumont 138kV	218
Stowell - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	218
Bayshore - Hankamer 138kV	Amelia Bulk - China Bulk 230kV	219
Bayshore - Hankamer 138kV	Cheek - South Beaumont 138kV	219
Hankamer - Crooked Bayou 138kV	Winshire - Craigen 69kV	220
Pansy - Lovells 69kV	Stowell - Crooked Bayou 138kV	220
Shiloh - 5L541T43 138kV	Stowell - Winshire 69kV	221
Stowell - Winshire 69kV	Bayshore - Brkscrk 138kV	221
Bayshore - Hankamer 138kV	Stowell - Winshire 69kV	222
Pansy - Lovells 69kV	Hankamer - Crooked Bayou 138kV	222
Shiloh - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	223
Stowell - Big Hill 138kV	Bayshore - Hankamer 138kV	223
Stowell - Winshire 69kV	Shiloh - Brkscrk 138kV	223
Raywood - 5L541T43 138kV	China Bulk - Sabine 230kV	224
Stowell 138/69kV transformer ckt 1	Stowell 138/69kV transformer ckt 2	224
Bayshore - Hankamer 138kV	Dayton Bulk - Cheek 138kV	224
Bayou Farm - Big Hill 138kV	Stowell - Crooked Bayou 138kV	225
Pansy - Lovells 69kV	Bayshore - Hankamer 138kV	226
Bayou Farm - Big Hill 138kV	Hankamer - Crooked Bayou 138kV	228
Shiloh - 5L541T43 138kV	Winshire - Craigen 69kV	228
Stowell - Winshire 69kV	Shiloh - 5L541T43 138kV	229
Bayshore - Hankamer 138kV	Winshire - Craigen 69kV	229
Bayou Farm - Memorial 138kV	Stowell - Crooked Bayou 138kV	231
Stowell - Big Hill 138kV	Bayshore - Brkscrk 138kV	231
Bayou Farm - Big Hill 138kV	Bayshore - Hankamer 138kV	232
Stowell - Big Hill 138kV	Shiloh - Brkscrk 138kV	233
Bayou Farm - Memorial 138kV	Hankamer - Crooked Bayou 138kV	233
Pansy - Lovells 69kV	Bayshore - Brkscrk 138kV	235
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Crooked Bayou 138kV	235
Pansy - Lovells 69kV	Shiloh - Brkscrk 138kV	237
Bayou Farm - Memorial 138kV	Bayshore - Hankamer 138kV	237
Stowell - Winshire 69kV	Raywood - 5L541T43 138kV	238

Limiting Element	Contingency Element	ATC
Lovells Lake - Texaco Hillebrandt 69kV	Hankamer - Crooked Bayou 138kV	238
Stowell - Big Hill 138kV	Shiloh - 5L541T43 138kV	239
Memorial - Mid County 138kV	Stowell - Crooked Bayou 138kV	239
Stowell 138/69kV transformer ckt 1	Stowell - Crooked Bayou 138kV	239
Bayou Farm - Big Hill 138kV	Bayshore - Brkscrk 138kV	240
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Crooked Bayou 138kV	241
Raywood - 5L541T43 138kV	Amelia Bulk - China Bulk 230kV	241
Raywood - 5L541T43 138kV	Stowell - Winshire 69kV	242
Raywood - 5L541T43 138kV	Cheek - South Beaumont 138kV	242
Stowell - Winshire 69kV	Stowell - Big Hill 138kV	242
Memorial - Mid County 138kV	Hankamer - Crooked Bayou 138kV	242
Stowell 138/69kV transformer ckt 1	Hankamer - Crooked Bayou 138kV	242
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Hankamer 138kV	242
Bayou Farm - Big Hill 138kV	Shiloh - Brkscrk 138kV	242
Pansy - Lovells 69kV	Shiloh - 5L541T43 138kV	243
Texaco Hillebrandt - South Beaumont 69kV	Hankamer - Crooked Bayou 138kV	243
Winshire - Craigen 69kV	Stowell - Crooked Bayou 138kV	244
Bayshore - Brkscrk 138kV	Base Case	244
Bayou Farm - Memorial 138kV	Bayshore - Brkscrk 138kV	246
Memorial - Mid County 138kV	Bayshore - Hankamer 138kV	246
Stowell 138/69kV transformer ckt 1	Bayshore - Hankamer 138kV	246
Winshire - Craigen 69kV	Hankamer - Crooked Bayou 138kV	246
Raywood - 5L541T43 138kV	Dayton Bulk - Cheek 138kV	246
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Hankamer 138kV	248
Bayou Farm - Memorial 138kV	Shiloh - Brkscrk 138kV	248
Stowell - Big Hill 138kV	Raywood - 5L541T43 138kV	248
Bayou Farm - Big Hill 138kV	Shiloh - 5L541T43 138kV	248
Raywood - 5L541T43 138kV	Winshire - Craigen 69kV	249
Craigen - Bayou Fannett 69kV	Stowell - Crooked Bayou 138kV	249
Stowell - Winshire 69kV	Bayou Farm - Big Hill 138kV	249
Shiloh - Brkscrk 138kV	Base Case	250
Winshire - Craigen 69kV	Bayshore - Hankamer 138kV	250
Lovells Lake - Texaco Hillebrandt 69kV	Bayshore - Brkscrk 138kV	251
Craigen - Bayou Fannett 69kV	Hankamer - Crooked Bayou 138kV	252
Bayou Fannett - Pansy 69kV	Stowell - Crooked Bayou 138kV	252
Pansy - Lovells 69kV	Raywood - 5L541T43 138kV	252
Stowell - Crooked Bayou 138kV	Base Case	252
Pansy - Lovells 69kV	Stowell - Big Hill 138kV	252
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - Brkscrk 138kV	253
Bayou Farm - Memorial 138kV	Shiloh - 5L541T43 138kV	254
Stowell - Winshire 69kV	Bayou Farm - Memorial 138kV	254
Memorial - Mid County 138kV	Bayshore - Brkscrk 138kV	254
Stowell 138/69kV transformer ckt 1	Bayshore - Brkscrk 138kV	254
Bayou Fannett - Pansy 69kV	Hankamer - Crooked Bayou 138kV	254
Craigen - Bayou Fannett 69kV	Bayshore - Hankamer 138kV	256
Texaco Hillebrandt - South Beaumont 69kV	Bayshore - Brkscrk 138kV	256
Memorial - Mid County 138kV	Shiloh - Brkscrk 138kV	256
Stowell 138/69kV transformer ckt 1	Shiloh - Brkscrk 138kV	256

Limiting Element	Contingency Element	ATC
Bayou Farm - Big Hill 138kV	Raywood - 5L541T43 138kV	257
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - Brksckr 138kV	258
Bayou Fannett - Pansy 69kV	Bayshore - Hankamer 138kV	259
Lovells Lake - Texaco Hillebrandt 69kV	Shiloh - 5L541T43 138kV	259
Winshire - Craigen 69kV	Bayshore - Brksckr 138kV	259
Hankamer - Crooked Bayou 138kV	Base Case	259
Pansy - Lovells 69kV	Bayou Farm - Big Hill 138kV	260
Winshire - Craigen 69kV	Shiloh - Brksckr 138kV	261
Memorial - Mid County 138kV	Shiloh - 5L541T43 138kV	262
Bayou Farm - Memorial 138kV	Raywood - 5L541T43 138kV	262
Stowell 138/69kV transformer ckt 1	Shiloh - 5L541T43 138kV	263
Lovells Lake - Texaco Hillebrandt 69kV	Stowell - Big Hill 138kV	264
Texaco Hillebrandt - South Beaumont 69kV	Shiloh - 5L541T43 138kV	264
Pansy - Lovells 69kV	Bayou Farm - Memorial 138kV	264
Craigen - Bayou Fannett 69kV	Bayshore - Brksckr 138kV	264
Shiloh - 5L541T43 138kV	Base Case	266
Craigen - Bayou Fannett 69kV	Shiloh - Brksckr 138kV	267
Stowell 138/69kV transformer ckt 1	Stowell - Big Hill 138kV	267
Winshire - Craigen 69kV	Shiloh - 5L541T43 138kV	267
Bayou Fannett - Pansy 69kV	Bayshore - Brksckr 138kV	267
Lovells Lake - Texaco Hillebrandt 69kV	Raywood - 5L541T43 138kV	268
Texaco Hillebrandt - South Beaumont 69kV	Stowell - Big Hill 138kV	268
Bayou Fannett - Pansy 69kV	Shiloh - Brksckr 138kV	269
Bayshore - Hankamer 138kV	Base Case	270
Winshire - Craigen 69kV	Stowell - Big Hill 138kV	270
Memorial - Mid County 138kV	Raywood - 5L541T43 138kV	271
Stowell 138/69kV transformer ckt 1	Raywood - 5L541T43 138kV	271
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Big Hill 138kV	272
Craigen - Bayou Fannett 69kV	Shiloh - 5L541T43 138kV	273
Texaco Hillebrandt - South Beaumont 69kV	Raywood - 5L541T43 138kV	273
Craigen - Bayou Fannett 69kV	Stowell - Big Hill 138kV	275
Stowell 138/69kV transformer ckt 1	Bayou Farm - Big Hill 138kV	275
Bayou Fannett - Pansy 69kV	Shiloh - 5L541T43 138kV	275
Winshire - Craigen 69kV	Raywood - 5L541T43 138kV	276
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Big Hill 138kV	276
Lovells Lake - Texaco Hillebrandt 69kV	Bayou Farm - Memorial 138kV	276
Bayou Fannett - Pansy 69kV	Stowell - Big Hill 138kV	276
Winshire - Craigen 69kV	Bayou Farm - Big Hill 138kV	278
Texaco Hillebrandt - South Beaumont 69kV	Bayou Farm - Memorial 138kV	280
Craigen - Bayou Fannett 69kV	Raywood - 5L541T43 138kV	281
Craigen - Bayou Fannett 69kV	Bayou Farm - Big Hill 138kV	282
Winshire - Craigen 69kV	Bayou Farm - Memorial 138kV	283
Bayou Fannett - Pansy 69kV	Raywood - 5L541T43 138kV	284
Bayou Fannett - Pansy 69kV	Bayou Farm - Big Hill 138kV	284
Craigen - Bayou Fannett 69kV	Bayou Farm - Memorial 138kV	287
Bayou Fannett - Pansy 69kV	Bayou Farm - Memorial 138kV	289
Raywood - 5L541T43 138kV	Base Case	290
Stowell 138/69kV transformer ckt 2	Stowell - Crooked Bayou 138kV	295

Limiting Element	Contingency Element	ATC
Stowell 138/69kV transformer ckt 2	Hankamer - Crooked Bayou 138kV	297
Stowell 138/69kV transformer ckt 2	Bayshore - Hankamer 138kV	301
Stowell 138/69kV transformer ckt 2	Stowell - Big Hill 138kV	309
Stowell 138/69kV transformer ckt 2	Bayshore - Brksckr 138kV	310
Stowell 138/69kV transformer ckt 2	Shiloh - Brksckr 138kV	312
Stowell 138/69kV transformer ckt 2	Bayou Farm - Big Hill 138kV	316
Stowell 138/69kV transformer ckt 2	Shiloh - 5L541T43 138kV	318
Stowell 138/69kV transformer ckt 2	Bayou Farm - Memorial 138kV	321
Stowell - Big Hill 138kV	Stowell - Winshire 69kV	346
Stowell - Big Hill 138kV	Winshire - Craigen 69kV	354
Stowell - Big Hill 138kV	Craigen - Bayou Fannett 69kV	355
Bayou Farm - Big Hill 138kV	Stowell - Winshire 69kV	359
Bayou Farm - Memorial 138kV	Stowell - Winshire 69kV	366
Bayou Farm - Big Hill 138kV	Winshire - Craigen 69kV	367
Bayou Farm - Big Hill 138kV	Craigen - Bayou Fannett 69kV	368
Bayou Farm - Memorial 138kV	Winshire - Craigen 69kV	374
Bayou Farm - Memorial 138kV	Craigen - Bayou Fannett 69kV	375
Memorial - Mid County 138kV	Stowell - Winshire 69kV	378
Memorial - Mid County 138kV	Winshire - Craigen 69kV	386
Memorial - Mid County 138kV	Craigen - Bayou Fannett 69kV	387

APPENDIX A: Approved Projects and Transactions in Study Mode

Year	Approved Future Projects
	2009F EAI Danville 161 kV Substation Rev 0.idv
	2009S EAI Blythville POD - AECC Rev 1.idv
	2009S EAI Conway West - Donaghey 161 kV Line Reconductor.idv
	2009S EAI Gillette 115 kV Substation.idv
	2009S EAI Hamlet 161 kV Substation Rev 1.idv
	2009S EAI Sarepta Project Rev 0.idv
	2009W EAI Harrison East to Everton Road 161 kV Line Rev 1.idv
	2010S EAI AECC Avilla POD Rev 2.idv
	2010S EAI Coffeerville POD - AECC Rev 0.idv
	2010S EAI Melbourn - Sage 161 kV Line Upgrade Line Rev 0.idv
	2010S EAI Parkin to Twist 161 kV Line Trap Rev 0.idv
	2010S EAI Transmission Service (OG&E) Rev 0.idv
	2010S EAI Warren East 115 kV Substation Install Capacitor Bank Rev 1.idv
	2010Z EAI Beebe 115 kV Substation - Install Capacitor Bank Rev 0.idv
	2010Z EAI Donaghey - Conway South 161 kV Rev 1.idv
	2010Z EAI SMEPA (Plum Point) Rev 1.idv
	2011S EAI Osage Creek-Grandview New Line Rev 2.idv
	2012S EAI Albright (HS Hamilton) Substation 2014 Load.idv
	2012S EAI Cofer Road (Crawford) Substation 2014 Load Rev 0.idv
	2011W EAI Transmission Service (Aquilla) Rev 0.idv
	2012S EAI Westar Transmission Service Rev 0.idv
	2009S EGSL Acadia 138 kV Substation capbank.idv
	2010Z EGSL Addis to Cajun 230kV line upgrade.idv
	2011S EGSL Acadiana Area Improvement Project Phase 1 Rev 2.idv
	2011S EGSL Alchem - Monochem 138 kV line upgrade.idv
2009 – 2013	2011S EGSL Construct New Youngsville 138 kV Sub (run AAIP 1 first).idv
	2012S EGSL Acadiana Area Improvement Project Phase 2 (run AAIP 1 first).idv
	2012S EGSL Construct new Nelson to Moss Bluff 230 kV line.idv
	2012S EGSL Tejac to Marydale Upgrade 69 kV line.idv
	2012S EGSL ELL Loblolly-Hammond Build 230kV Line.idv
	2014S Gulf Oxygen Load Correction.idv
	2009W ELLN Delhi 115 kV Substation - Add Cap Bank.idv
	2010W ELLN Delhi 115 kV Substation - Add series reactor.idv
	2010Z ELLS Bogalusa to Adams Creek 230 kV No 2.idv
	2010Z ELLS Snakefarm to Kenner 115 kV line upgrade.idv
	2011S ELLN Sarepta Project.idv
	2012S ELLS Bayou LaBoutte Construct new 500-230 kV Substation.idv
	2012 ELLN Ouachita Project Set 2 Run Second.idv
	2013S ELLN Ouachita Projects Set 1 Run First.idv
	2009W EMI Grenada-Winona-Greenwood Area Improvement Phase I.idv
	2010S EMI Grand Gulf Uprate Project.idv
	2010S EMI Indianola-Greenwood 115 kV Line Upgrade.idv
	2010S EMI Magee 115 kV substation - Replace switches.idv
	2010Z EMI TVA Affected System Upgrades.idv
	2011S EMI Church Road Substation (2014 load).idv
	2011S EMI Sunnybrook-only-2011.idv
	2011S EMI Waterways - Vicksburg East 115 kV Line Upgrade.idv
	2011Z EMI Florence - Florence SS - Star 115 kV Line Upgrade.idv
	2011Z EMI Grand Gulf Uprate add vars.idv
	2012S EMI Grenada-Winona-Greenwood Area Improvement Phase II.idv

Year	Approved Future Projects
	2012S EMI Ridgeland-Madison Reliability Improvement (Sunnybrook-2014).idv
	2009F ETI Gulfway 230kV Substation.idv
	2009S ETI Beaumont 69 kV Improvement Plan Option 2.idv
	2009S ETI Newton Bulk Replace Re-tap CT to Increase Rating on Holly Springs Line.idv
	2009S ETI Porter-Tamina Replace Breaker & Switches.idv
	2009W ETI Fawil Upgrade 138-69 kV Auto.idv
	2010S ETI Temco and Shepherd 138kV Substations.idv
	2010S ETI Western Region Reliability Improvement Plan Phase 3 Interim (Part 1).idv
	2010W ETI Western Region Reliability Improvement Plan Phase 3 Interim (Part 3).idv
	2011S ETI Grand Gulf Uprate Project.idv
	2011S ETI Western Region Reliability Improvement Plan Phase 3 Interim (Part 2).idv
	2011W ETI Tamina to Cedar Hill 138 kV line.idv

Prior Generation Interconnection NRIS requests that were included in this study:

PID	Substation	MW	In Service Date
PID 221	Wolfcreek	875	In Service
PID 223	PID-223 Tap	125	10/1/2010
PID 224	PID-224 Tap	100	12/1/2009
PID 233	PID-233	150	4/30/2011
PID 238	Hinds	550	9/1/2010
PID 240	Hot Springs	650	9/1/2010

Prior transmission service requests that were included in this study:

OASIS #	PSE	MW	Begin	End
1668165	Entergy Services (SPO)	600	1/1/2013	1/1/2043
73970673	Cargill Power Marketing	40	1/1/2011	1/1/2016
74035217	NRG Power Marketing	450	5/1/2012	5/1/2017
74035241	NRG Power Marketing	30	1/1/2011	1/1/2016