

Entergy 2010-2012 Draft Construction Plan

Project Driver	Project Description	Cost Allocation Guideline	Project Category
Block load addition	Projects needed to accommodate the addition of block loads beyond expected normal load growth	Attachment T	CP (load related)
Load growth	Projects needed to reliably serve expected normal load growth	Attachment T	CP (load related)
Transmission Reliability - Maintaining Infrastructure	Projects needed to maintain existing infrastructure or existing levels of reliability	Attachment T	CP (AM related)
Transmission Reliability - Meeting Planning Criteria	Projects needed to meet NERC Reliability Standards, SERC Supplements, and Entergy Transmission Local Planning Criteria	ICT to determine	CP (others)
Transmission Reliability - Regulatory	Projects to satisfy regulatory requirements	ICT to determine	CP (others)
Transmission Service	Projects needed to accommodate new transmission service requests	ICT to determine	CP (others)
Economic	Projects anticipated to yield production cost savings	ICT to determine	CP (others)
Enhanced Transmission Reliability	Projects yielding transmission reliability levels above those specified in local planning criteria	ICT to determine	CP (others)
Customer Driven	Customer driven (other than reliability)	ICT to determine	CP (others)
Generation Interconnection	Projects to interconnect new generation	ICT to determine	CP (others)

Terminology (Funding Comments)

Approved	Project construction is funded and Entergy is committed to completing it by the projected in service date
Proposed & In Target	Project is currently funded for scoping and preliminary engineering and the expected construction commencement date is within the 3-year Construction Plan horizon

Caveats!

This list of approved and proposed projects is fluid.

Budget adjustments throughout the year could alter this list.

"Out-of-cycle" projects, such as customer-driven projects, could be appended to the list as needed.

Notes:

"Carryover" projects are those projects approved in prior budget year, but whose in-service date is expected to be beyond budgeted year.

Addendum: Identified Target Areas

Identified Target Areas are areas with reliability concerns. For some areas, specific potential projects have been identified. However, the construction start dates of the potential projects or possible solution sets are beyond the 3-year Construction Plan horizon. These projects and associated projects are not part of the 2010-2012 Entergy Construction Plan.

Construction Plan Projects Relating To:

- **Transmission Reliability - Meeting Planning Criteria**
- **Transmission Reliability - Regulatory**
- **Transmission Service**
- **Economic**
- **Enhanced Transmission Reliability**
- **Customer Driven**
- **Generation Interconnection**

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Existing in 2009-2011 Construction Plan						
New Addition						
Project Driver	Project Name	LE	Current Projected In-Service	2009 Funding Comments	Project Status	Other Comments
Transmission Reliability - Meeting Planning Criteria	Donaghey - Conway South: Reconductor with 666 ACSS	EAI	Winter 2009	Approved	Design/Scoping	Increase Load Serving capability in Conway Area
Transmission Reliability - Meeting Planning Criteria	Hamlet: Install Breaker on Conway Industrial Line	EAI	Summer 2009	Approved	Construction	Eliminate risk for transmission contingency
Transmission Reliability - Meeting Planning Criteria	Darville Substation: Upgrade Terminal Equipment to match or exceed Magazine line ratings	EAI	Fall 2009	Approved	Construction	Project to eliminate overloads for loss of ANO-Ft. Smith EHV line
Transmission Service	SMEPA (Plum Point): * Dell-Manilla 161kV line: Upgrade to at least 247MVA * Manilla-Monette 161kV line: Upgrade to at least 247MVA * Jonesboro North-Paragould South 161kV line: Upgrade to at least 247MVA * Jonesboro North-Jonesboro 161kV line: Upgrade to at least 247MVA	EAI	Summer 2010	Approved	Construction	Transmission service
Transmission Reliability - Meeting Planning Criteria	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Add 10.8 MVAR capacitor bank at Emerson 115 kV substation	EAI	Summer 2011	Approved	Design/Scoping	Revised bank size to 10.8 MVAR instead of 32.4 MVAR
Transmission Reliability - Meeting Planning Criteria	Warren East - Add Capacitor Bank (10.8 MVAR, 115 kV)	EAI	2012	Proposed & In Target	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Osage Creek-Grandview New Line Build new 161 kV line from Grandview (tap on Eureka-Table Rock Line) to Osage Creek	EAI	2012	Proposed & In Target	Scoping	Project to increase reliability to load in NW Arkansas, specifically along the Harrison - Eureka Springs 161 kV line Exploring other options with customer
Transmission Reliability - Meeting Planning Criteria	Holland Bottoms (Cabot EHV): Construct 500/115 kV substation	EAI	2013	Proposed & In Target	Design/Scoping	Project to improve reliability in Little Rock during heavy transfers and and loss of Mabelvale autotransformer
Transmission Reliability - Meeting Planning Criteria	Gillette: Install 10.8 MVAR Capacitor Bank	EAI	Summer 2009	Approved	Construction	Final part of 2 part project to improve voltage profile in the area between Helena and Stuttgart
Transmission Service	Transmission Service (OG&E) Upgrade ANO - Russelville North OGE Upgrade Russelville East - Russelville South OGE	EAI	Winter 2011	Approved	Design/Scoping	
Transmission Service	Transmission Service (Aquila) Upgrade Hot Springs - Bismark Upgrade Bismark - Alpine Upgrade Alpine - Amity	EAI	Winter 2011	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Carter and Elton: Upgrade 69 kV capacitor bank at Elton to 14 MVAR, Add 69 kV, 14 MVAR capacitor bank at Carter	EGSL	2010	Proposed & In Target	Design/Scoping	Formerly Serpent and Elton
Transmission Reliability - Meeting Planning Criteria	Construct New Youngsville 138 kV Distribution Substation	EGSL	2011	Proposed & In Target	Design/Scoping	Shifts load off Lafayette to Holiday to Billeaud 69 kV Line. (Replaces Lafayette to Holiday to Billeaud Upgrade)
Transmission Reliability - Meeting Planning Criteria	Alchem - Monochem: Upgrade 138 kV line	EGSL	2011	Proposed & In Target	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 1 Projects (2011) Construct new Sellers Road to Meaux 230 kV Line Add 450 MVA, 230-138 kV auto at Meaux Add new 138 kV line bay at Moril (Segura Line) Add new 500 kV position for Cleco autotransformer at Richard	EGSL	2011	Approved	Design/Scoping	

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Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 2 Projects (2012) Construct new Labbe to Sellers Road 230 kV Line Add new 500 kV position for Cleco autotransformer at Wells	EGSL	2012	Approved	Design/Scoping	Projected in-service date contingent on LUS approval of its portion of this project.
Transmission Reliability - Meeting Planning Criteria	Acadia: Add 36 MVAR Cap Bank	EGSL	Summer 2009	Approved	Construction	
Transmission Reliability - Meeting Planning Criteria	Loblolly-Hammond Build 230 kV Line	EGSL/ELL	2013	Approved	Design/Scoping	ROW acquisition and permitting under way
Transmission Reliability - Meeting Planning Criteria	Waterford 4: Blackstart generator interconnection	ELL	Summer 2009	Approved	Construction	
Transmission Reliability - Meeting Planning Criteria	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Construct a new 345-115 kV substation consisting of a 500 MVA auto Cut station into EL Dorado to Longwood 345 kV line. Add 32.4 MVAR capacitor bank at Luckey 115 kV substation 4/10 Add 32.4 MVAR capacitor bank at Vienna 115 kV substation 10/09	ELL	2011	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Southeast LA Coastal Improvement Plan: Phase 2 Build Peters Road-Oakville 230kV Line and Substation	ELL	2012	Proposed & In Target	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Bogalusa to Adams Creek 230 kV No. 2 - Upgrade terminal equipment at Bogalusa	ELL	2011	Proposed & In Target	Design/Scoping	Upgrade terminal equipment to thermal rating of conductor
Transmission Service	Ouachita Transmission Service Split Sterlington 115 kV bus and replace 500-115 auto #2 with 750 MVA Upgrade Walnut Grove to Swartz 115 kV line Upgrade Frostcraft to Rilla 115 kV line Upgrade Sterlington to Log Cabin 115 kV like Loop Sterlington to North Crossett into North Bastrop Add 43 MVAR, 115 kV capacitor bank at Riser	ELL	2012	Approved	Design/Scoping	Final ISD's to be determined
Economic	Delhi 115 kV Substation - Add 10 Ohm series reactor	ELL	2012	Proposed & In Target	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Indianola-Greenwood: Upgrade jumpers and buswork (Morehead, Itta Bena, Greenwood)	EMI	Winter 2009	Approved	Design/Scoping	Improve reliability in the Greenwood area Need Mobile
Transmission Reliability - Meeting Planning Criteria	Magee Sub: Replace Switches	EMI	2010	Approved	Construction	Project to increase tie capability with SMEPA in coordination with SMEPA's upgrade of their autotransformers at Magee (SMEPA would not allow necessary outages thus project delayed)
Transmission Service	Hornlake - TH Allen TVA Line upgrade	EMI	2011	Proposed & In Target	Design/Scoping	Project to improve the voltage profile in the Southaven area, specifically the 115kV system south of Getwell
Transmission Service	Grand Gulf Uprate Project Baxter Wilson to Ray Braswell 500 kV line uprate breakers and switches	EMI	2011	Proposed & In Target	Design/Scoping	Project to increase the thermal capacity of the 500 kV line.
Transmission Service	Ouachita Transmission Service Move Sterlington 600 MVA auto to Baxter Wilson 500 (Second 500-115 kV auto)	EMI	2012	Approved	Design/Scoping	Final ISD's to be determined

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Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Add 2nd Cap Bank at Winona Upgrade Cap Bank at Greenwood Install Cap Bank at Schlater	EMI	2013	Proposed & In Target	Scoping	Project to improve reliability in the area between Tillatoba, Indianola, and Attalla for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value
Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Rebuild Lakeover - Ridgeland Line	EMI	2014	Proposed & In Target	Design/Scoping	Project to serve rapid load growth North of Jackson
Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Build Lakeover-Sunnybrook	EMI	2011	Proposed & In Target	Design/Scoping	Project to serve rapid load growth North of Jackson
Transmission Reliability - Meeting Planning Criteria	Ray Braswell - Wyndale-Byram (S. Jackson) 115kV Line	EMI	2012	Proposed & In Target	Design/Scoping	Project to alleviate overloads flowing south on the 115 kV system between Jackson and south Louisiana
Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 2 Build 230 kV line from Tillatoba to South Grenada Install Auto at South Grenada	EMI	2014	Proposed & In Target	Design/Scoping	Project to improve reliability in the area between Tillatoba, Indianola, and Attalla for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value
Transmission Reliability - Meeting Planning Criteria	Liberty-Gloster: Upgrade 115 kV Line For Natchez De-listing	EMI	Winter 2009	Approved	Construction	Project required to maintain reliability in the Natchez area after loss of local generation
Transmission Reliability - Meeting Planning Criteria	Paterson 115kV: Restore 4 breakers	ENOI	Summer 2009	Approved	Construction	
Enhanced Transmission Reliability	Warren Substation - Add two breakers	ETI	Winter 2009	Approved	Design/Scoping	
Generation Interconnection	Sheco Jacinto - Generator Interconnection	ETI	Summer 2009	Approved	Construction	
Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Interim (Part 1) Relocate Sheco's Caney Creek 138 kV Substation	ETI	Winter 2010	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Interim (Part 2) Jacinto-Lewis Creek: Convert to 230 kV operation. Add 450 MVA 230-138 Auto at Lewis Creek	ETI	Summer 2011*	Approved	Design/Scoping	* Projected In-Service date is being re-evaluated due to change in load forecast.
Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Interim (Part 3) Upgrade South Beaumont to Fontenot Corner 138 kV line	ETI	Summer 2011*	Approved	Design/Scoping	* Projected In-Service date is being re-evaluated due to change in load forecast.
Transmission Service	Grand Gulf Uprate Project Upgrade Hartburg to Inland Orange to McLewis 230 kV line	ETI	2011	Proposed & In Target	Design/Scoping	Project to increase the thermal capacity of the 230 kV line.
Transmission Reliability - Meeting Planning Criteria	Tamina - Cedar Hill Reconnector	ETI	Winter 2011	Proposed & In Target	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Porter - Tamina: Replace Breaker/Switches	ETI	Fall 2009	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Newton Bulk: Replace/Re-tap CT to increase rating on Holly Springs line	ETI	Summer 2009	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Beaumont 69 kV Improvement Plan: Option 2	ETI	Summer 2009	Approved	Construction	
Transmission Reliability - Meeting Planning Criteria	College Station 138kV Switching Station Close N.O and upgrade protection to create 3 terminal line	ETI	Summer 2009	Approved	Design/Scoping	
Transmission Reliability - Meeting Planning Criteria	Fawil: Upgrade 138/69 kV Auto	ETI	Summer 2009	Approved	Construction	

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Transmission Service	TVA Affected System Upgrades Upgrade switches at Morton Upgrade South Jackson - Florence 115 kV line	EMI	Summer 2011	Approved	Design/Scoping	
Transmission Service	Westar Transmission Service Monette-Paragould 161kV Transmission Line – Upgrade to 170 MVA Upgrade the Russellville South-Dardanelle Dam (SPA) 161kV Transmission Line	EAI	Summer 2012	Approved	Design/Scoping	

Construction Plan Projects Relating To:

- **Block Load Addition**
- **Load Growth**

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Project Driver	Project Name	LE	Projected In Service Year	2009 Funding Comments	Project Status	Other Comments
Load Growth	AECC Avilla POD	EAI	2010	Approved		Customer Delayed
Load Growth	Albright (H.S. Hamilton) Substation - buy land	EAI	2012	Proposed & In Target		Deferred Beyond 2011
Block Load Addition	Aquilla - Cross point Sup Project	EAI	2011	Proposed & In Target		
Load Growth	Bayview New Substation	EGSL	2012	Proposed & In Target		Buy land in 2010 - ISD Delayed until 2012
Load Growth	Beauregard to Alsen transformer swap	EGSL	2009	Approved		
Load Growth	Bedico: Build new 230kv substation	ELL	2013	Proposed & In Target		
Load Growth	Bentwater-build sub using Walden T2 50MVA (already own land)	ETI	2009	Approved		
Load Growth	Blythville POD - AECC (10-1-09 ISD)	EAI	2009	Approved		
Load Growth	Briarwood Substation add 35/13kV auto - scope 2007	EGSL	2012	Proposed & In Target		
Load Growth	Byhalia purchase property - buy land	EMI	2008	Approved		Deferred beyond 2011
Load Growth	Calhoun: New substation	ELL	2012	Proposed & In Target		Site purchase In 2008
Load Growth	Carencro Upgrade T2 from 9.4 to 25/33	EGSL	2013	Proposed & In Target		
Load Growth	Church Rd Substation & 11.3 miles 230kV	EMI	2012	Approved		
Load Growth	Cofer Road (Crawford) Substation	EAI	2012	Proposed & In Target		Deferred ISD to 2012
Load Growth	Coffeerville POD - AECC (10-1-09 ISD)	EAI	2010	Proposed & In Target		Deferred by customer
Load Growth	Colonel Glenn Rd - add new substation	EAI	2011	Proposed & In Target		Site Purchase in 2008 - Deferred ISD to 2011
Load Growth	Dawson Creek: Add 230 -13.2kV 75 MVA Transformer	EGSL	2009	Approved		ISD Deferred to 2009
Load Growth	Delcambre transformer upgrade	EGSL	TBD			Deferred beyond 2012
Block Load Addition	Denbury	ELL	2009	Approved		Changed In Service Date to late 2009
Load Growth	Denham Springs: Replace T2 with 50 MVA Transformer	EGSL	2012	Proposed & In Target		
Load Growth	Fairground: add T2	EGSL	2012	Proposed & In Target		
Load Growth	Fisher: add 20MVA transformer	EAI	2009	Proposed & In Target		
Load Growth	Geismer: Add transformer	EGSL	2009	Approved		
Load Growth	Hamburg: Split the high and low buss (fall to spring project)	EAI	2014	Proposed & In Target		ISD delayed to 2014
Load Growth	Hampton sub-build, remove temp sub (need land)	ETI	2012	Proposed & In Target		
Load Growth	Jefferson - upgrade T1 scope 2007	EGSL				Project deferred indefinitely
Load Growth	JNEC Deweyville Add breakers	ETI	2009	Approved		
Load Growth	Johnstown-Porter: New 138 kV POD	ETI	2009	Approved		Accelerated to 2009
Load Growth	Labarre Super conductor Cable	ELL	2014	Proposed & In Target		
Block Load Addition	Lake Charles - 1 mile 69kv loop new casino (Revenue)	EGSL	2011	Proposed & In Target		
Load Growth	Little Rock Port - Add Transformer (Welspun)	EAI	2009	Approved		
Load Growth	Madison Ave Substation and 115kV line from Sunnybrook (Ridgeland-Madison)	EMI	2012	Proposed & In Target		Site purchase In 2008
Load Growth	Maurice: Add transformer	EGSL	2010	Approved		Deferred ISD to 2010
Load Growth	Merlin Sub: build new substation (already own land)	ETI	2012	Proposed & In Target		
Load Growth	Metro: Upgrade transformer	ETI	2010	Approved		
Load Growth	Mickens: upgrade transformer	EGSL	2009	Approved		
Block Load Addition	Mohican: New Substation	EGSL	2010	Proposed & In Target		
Block Load Addition	Packenhams - Exxon	ELL				Cancelled
Load Growth	Rayville Substation - (buy land only)	ELL	TBD	Approved		Deferred beyond 2012
Load Growth	SHECO Colley Creek POD	ETI	2010	Proposed & In Target		
Load Growth	SHECO Jacinto Facility	ETI	2009	Approved		
Block Load Addition	Shell Garyville	ELL	2009	Approved		
Load Growth	Strong substation: add transformer	EAI	2012	Proposed & In Target		Delayed to 2012
Load Growth	Sunnybrook Substation & Radial 115kV (Ridgeland-Madison Reliability Improve	EMI	2011	Proposed & In Target		
Load Growth	Texas Eastern Kosciusko In and out line tapped on Kosciusko-Winona Line	EMI	2009	Approved		
Load Growth	Thomas Sub: Add transformer (Stupp)	EGSL	2009	Approved		
Load Growth	Total Chemical: Build New Substation	ETI	2009	Approved		
Load Growth	West Orange add 9.4MVA (available McHale xfmr) - scope 2007	ETI	2010	Proposed & In Target		
Load Growth	Wintz - St. Gabriel: Add new 230/34.5 kV substation	EGSL	2011	Proposed & In Target		Delayed to 2011
Load Growth	Vilonia Sub - construct new sub	EAI	2012	Proposed & In Target		
Load Growth	Westdale - Install Transformer	ELL	2009	Approved		
Load Growth	Angus Chemical: Construct New Sub - patially reimburseble	ELL				Cancelled
Load Growth	Kaiser Francis new sub	EGL				Cancelled
Load Growth	Marathon Oil Expansion	ELL	2009	Approved		
Load Growth	Tetra - Calcium Brine Plant	EAI	2009	Approved		

Addendum

Identified Target Areas [Beyond 2012]

Identified Target Areas are areas with reliability concerns. For some areas, specific potential projects have been identified. However, the construction start dates of the potential projects or possible solution sets are beyond the 3-year Construction Plan horizon. These projects and associated projects are not part of the 2010-2012 Entergy Construction Plan.

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Project Driver	Project Name	LE	Comments
Transmission Reliability - Meeting Planning Criteria	Reconductor LR 115 kV system (Detailed Scope TBD)	EAI	Long Range plan to increase LR load serving capability - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	115kV Line from Benton North to Benton South	EAI	Long Range plan to increase LR load serving capability - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	Reconductor 161kV line from Bull Shoals to Midway, Southland to Norfolk	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	Transform Ebony SS into a breaker station to tie Ebony North to Ebony South	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	115kV line from Gumsprings to Amity	EAI	Long range project targeted to alleviate overloads and undervoltages around Mt. Ida - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	115kV line from Holland Bottoms to Ward (make AECC Ward breaker station or have line NO and close for contingency)	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	161kV line from Jim Hill to Datto or convert 115kV line to 161kV line and upgrade stations	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	500/161 kV station at Jonesboro	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2015
Transmission Reliability - Meeting Planning Criteria	Upgrade LV Bagby to Macon to at least 115MVA, line rated at 109 MVA	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2013
Transmission Reliability - Meeting Planning Criteria	115kV reconductor Mayflower to Morgan base case in 2018	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2014
Transmission Reliability - Meeting Planning Criteria	161kV reconductor Norfolk to Sage	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2015
Transmission Reliability - Meeting Planning Criteria	161kV reconductor Russellville East to Russellville North	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2017
Transmission Reliability - Meeting Planning Criteria	115kV line from Camden McGuire to Camden North (this project solve very minimal load at risk unless Couch and McClellan is off) (If Couch and McClellan is off Sarepta and Camden line will not solve the issues - will need a 2nd auto at El Dorado)	EAI	Long range project targeted to alleviate overloads and undervoltages in SW Arkansas - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	Poyen - Add Capacitor Bank (10.8 MVAR, 115 kV)	EAI	Long range project targeted to alleviate contingency undervoltage - Potential Target Year: 2014
Transmission Reliability - Meeting Planning Criteria	El Dorado Upland - Texas Eastern F: New Line/ Texas Eastern F - TEF SS: Reconductor Line	EAI	Long range project targeted to alleviate overloads - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	Holland Bottoms - Hamlet 161 kV	EAI	Long range project targeted to improve reliability in the Conway area and surrounding 161 kV system - includes a 161 kV buildout at Cabot EHV - Potential Target Year: 2016
Transmission Reliability - Meeting Planning Criteria	Gum Springs SS: Build SS	EAI	Long range project targeted to increase reliability between Hot Springs and McNeil area and to reduce reliability dependence on units in southern Arkansas - Potential Target Year: 2018
Transmission Reliability - Meeting Planning Criteria	Gobel Substation build at crossing point, Dewitt Cap Bank, Wabbaskeka Cap Bank, ULM Cap Bank - scope 2008 (Marvel South)	EAI	Long range project targeted to improve reliability between Stuttgart and Helena - Potential Target Year: 2018

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Transmission Reliability - Maintaining Infrastructure	Harrison East 161 kV upgrade switches and line trap	EAI	Long Range project to increase reliability in the Hilltop, Everton, and St. Joe areas - Potential Target Year: 2010
Enhanced Transmission Reliability	Port Hudson - 69 kV area improvement	EGSL	Long range project targeted to increase reliability of 69kV system reconfiguring 69kV station and/or bringing in new 138kV source.
Transmission Reliability - Meeting Planning Criteria	Solac - Upgrade 230-69 kV Autos or add 3rd	EGSL	Long range project targeted to increase reliability of 69kV system.
Transmission Reliability - Meeting Planning Criteria	Harrelson to Gloria - upgrade 69 kV line	EGSL	Long range project targeted to increase reliability of 69kV system.
Transmission Reliability - Meeting Planning Criteria	McManus to Brady Heights - Upgrade 69 kV Line	EGSL	Long range project targeted to increase reliability of 69kV system.(Potential Target Year 2014)
Enhanced Reliability	Fancy Point 500 kV Switchyard Upgrades	EGSL	
Transmission Reliability - Meeting Planning Criteria	Lake Charles Improvement - 230 kV Loop	EGSL	Long range project targeted to increase reliability of 230 and 138kV system by building a new 230kV line from Nelson towards LC Bulk and 230-138kV station. (Potential Target Year 2016)
Transmission Reliability - Meeting Planning Criteria	LC Bulk: Add 3rd 138-69 kV Autotransformer	EGSL	Long range project targeted to increase reliability of 69 kV system. (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	LC Bulk - Chlomal: Reconductor approximately 3 miles	EGSL	Long range project targeted to increase reliability of 69kV system (Potential Target Year 2016).
Transmission Reliability - Meeting Planning Criteria	Chlomal-Lacassine: Upgrade 69kV line and install breaker	EGSL	Long range project targeted to increase reliability of 69kV system. (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	Lawtag-Jennings: Upgrade 69kV line	EGSL	Long range project targeted to increase reliability of 69kV system. (Potential Target Year 2013)
Transmission Reliability - Meeting Planning Criteria	2005 Jackson-Marydale 69kV Line	EGSL	Long range project targeted to increase reliability of 69kV system. (Potential Target Year 2014)
Transmission Reliability - Meeting Planning Criteria	Greenwell Springs area reconfiguration (Coly-Polyform-Denham Springs)	EGSL	Long range project targeted to increase reliability of 69kV system by upgrading overloaded 69kV lines or relay upgrade to allow creation of three terminal lines. (Potential Target Year 2015)
	Champagne - Add 115 kV Capacitor Bank	EGSL	Long range project to provide voltage support during contingency outages (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	Gypsy to Bellpoint Reconductor	ELL	Long Range project to increase increase reliability on the 230kV system between Gypsy and Belle Point. (Potential Target Year 2013)

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Transmission Reliability - Meeting Planning Criteria	Minden Area Improvement: Reconductor Minden to Minden LaGen and Add 32.4 MVAR capacitor bank at Minden.	ELL	Long Range project to increase reliability in the Minden area. (Potential Target Year 2014)
Transmission Reliability - Meeting Planning Criteria	West Monroe/Monroe Reliability Improvements	ELL	Long range project targeted to increase reliability by energizing 115kV lines built according to 230kV standard to 230kV level and completing 230kV loop around Monroe. (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	Southeast LA Coastal Improvement Plan: Phase 3 Build Oakville - Alliance 230kV line and Alliance 230kV Sub	ELL	Long range project targeted to increase reliability in the SE Louisiana coastal area. (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	Red Gum Voltage Improvement	ELL	Long range project targeted to increase reliability by energizing 34kV line built according to 115kV standards to 115kV level and adding a cap bank for voltage support at Winnsboro.
Transmission Reliability - Meeting Planning Criteria	Napoleonville Cap Bank 21MVAR	ELL	Long range project to increase voltage reliability on the 115kV system from Plaquemine to Paincourtville
	Adams Creek to Bogalusa No. 2 - Replace Breaker	ELL	Potential Target year: 2013
Transmission Reliability - Meeting Planning Criteria	DSG Reliability Improvements: Phase 3	ELL/ENOI	Long range project targeted to improve the voltage support and thermal overloads observed in the DSG area during high load conditions. Timing dependent on load growth in N.O.
Transmission Reliability - Meeting Planning Criteria	North Mississippi Improvement (230 kV)	EMI	Long rang project targeted to improve reliability between Batesville and Southaven (230 between Batesville and Getwell) 2018
Transmission Reliability - Meeting Planning Criteria	Paterson: Install 230/115 kV Auto	ENOI	This long range project is a continuation of a breaker project to improve voltage reliability in the New Orleans area where Paterson substation is located. Timing dependent on load growth in N.O.
Transmission Reliability - Meeting Planning Criteria	Breakers at Hollandale and Belzoni (close normally-open point) / Rolling Fork Cap Bank	EMI	Project to increase reliability in central Mississippi on the 115 kV system between Greenville and Vicksburg 2014
Transmission Reliability - Meeting Planning Criteria	Rankin Industrial - Airport: Reconductor	EMI	2014
Transmission Reliability - Meeting Planning Criteria	Church Rd - Getwell: Build new line	EMI	2014
Transmission Reliability - Meeting Planning Criteria	Central MS Improvement (Lakeover-Canton 230kV : Voltage)	EMI	2016
Transmission Reliability - Meeting Planning Criteria	Upgrade Cleveland-Dayton Bulk 138kV	ETI	Long range project to increase reliability in the Dayton area. (Potential Target Year 2013)
Transmission Reliability - Meeting Planning Criteria	Conroe area switching station - tie lines Longmire to Fish Creek and Conroe to Woodhaven 138 lines together.	ETI	Long range project to increase reliability in the Egypt / Fish Creek area. (Potential Target Year 2013)

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Project Driver	Project Name	LE	Comments
Transmission Reliability - Meeting Planning Criteria	Reconductor Sabine to Port Neches Bulk (Line 515) and Sabine to Port Neches Bulk (via Linde Line 516)	ETI	Long range project to increase reliability in the Sabine area. (Potential Target Year 2013)
Transmission Reliability - Meeting Planning Criteria	Upgrade Doucette-Rayburn 138kV	ETI	Long range project to increase reliability in the Sabine area. (Potential Target Year 2014)
Transmission Reliability - Meeting Planning Criteria	Jasper - Rayburn: Reconductor	ETI	Long range project to increase reliability in the Rayburn area. (Potential Target Year 2014)
Transmission Reliability - Meeting Planning Criteria	Cedar Hill to Conroe reconductor	ETI	Long range project to increase reliability in the Conroe area. (Potential Target Year 2013)
Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at New Caney 138kV	ETI	Potential Target Year of 2014
Transmission Reliability - Meeting Planning Criteria	New Sabine-Gulfway 230kV Line	ETI	Potential Target Year of 2014
Transmission Reliability - Meeting Planning Criteria	Upgrade Jacinto to Porter 138kV	ETI	Potential Target Year of 2014
Transmission Reliability - Meeting Planning Criteria	Orange County 230kV Project	ETI	Potential Target Year of 2014
Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Final Construct new Cypress to Jacinto 230 kV Line	ETI	Long range Western Region Project. (Potential Target Year 2015)
Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at Cleveland 138kV	ETI	Potential Target Year of 2015
Transmission Reliability - Meeting Planning Criteria	New China-Amelia 230kV line	ETI	Potential Target Year of 2015
Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Mill Creek (JNEC) 138kV	ETI	Potential Target Year of 2016
Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Call (JNEC) 138kV	ETI	Potential Target Year of 2016
Transmission Reliability - Meeting Planning Criteria	Upgrade Pelican Road-Shepherd 138kV	ETI	Potential Target Year of 2016
Transmission Reliability - Meeting Planning Criteria	Upgrade South Beaumont-Pansy 69kV	ETI	Potential Target Year of 2016
Transmission Reliability - Meeting Planning Criteria	Upgrade Kountze Bulk-Warren 138kV	ETI	Potential Target Year of 2016
Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at Rivtrin 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Huntsville 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at Corrigan Bulk 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Shepherd (SHECO) 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Expand Cap Banks at Dayton Bulk 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Expand Cap Banks at Doucette Bulk 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Eastgate-Dayton Bulk 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Cypress-Lumberton	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Add 2nd Cypress Auto (500/230kV or 500/138kV)	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Amelia-Helbig 230kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Jacinto-Cleveland 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Toledo Bend-Newton Bulk 138kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Upgrade Cypress-Amelia 230kV	ETI	Potential Target Year of 2017
Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Honey (SHECO) 138kV	ETI	Potential Target Year of 2018
Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Interim Add Alden SVC	ETI	Potential Target Year of 2014