

**Entergy 2010-2012 Final Construction Plan
Update 5**

2010 - 2012 Final Construction Plan Update 5								
2010 - 2012 Final Construction Plan Update 4								
New Addition								
Modification								
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2010 Funding Comments	Project Status	Actual ISD	Other Comments
10CP-EAI-001	Transmission Reliability - Meeting Planning Criteria	Hamlet 161 kV Substation: Install 161 kV Breaker on Conway Industrial Line	EAI	Summer 2009	Approved	Complete	12/4/09	Eliminate risk for transmission contingency
10CP-EAI-002	Transmission Reliability - Meeting Planning Criteria	Gillette 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI	Summer 2009	Approved	Complete	5/16/09	Final part of 2 part project to improve voltage profile in the area between Helena and Stuttgart
10CP-EAI-003	Transmission Reliability - Meeting Planning Criteria	Conway West - Donaghey 161 kV Line: Reconductor with 666 ACSS	EAI	Summer 2009	Approved	Complete	3/24/09	Increase Load Serving capability in Conway Area
10CP-EAI-004	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 2009	Approved	Complete	10/8/09	Revised bank size to 10.8 MVAR instead of 32.4 MVAR
10CP-EAI-005	Transmission Reliability - Meeting Planning Criteria	Danville 161 kV Substation: Upgrade Terminal Equipment to match or exceed Magazine line ratings	EAI	Fall 2009	Approved	Complete	8/14/09	Project to eliminate overloads for loss of ANO-Ft. Smith EHV line
10CP-EAI-006	Transmission Reliability - Meeting Planning Criteria	Donaghey - Conway South 161 kV Line: Reconductor with 666 ACSS	EAI	Spring 2010	Approved	Complete	4/21/10	Increase Load Serving capability in Conway Area
10CP-EAI-007-1	Transmission Service	SMEPA (Plum Point): * Dell - Manilla 161kV Line: Upgrade to at least 247MVA	EAI	Spring 2010	Approved	Complete	4/2/10	
10CP-EAI-007-2	Transmission Service	SMEPA (Plum Point): * Manilla - Monette 161kV Line: Upgrade to at least 247MVA	EAI	Spring 2010	Approved	Complete	12/22/08	
10CP-EAI-007-3	Transmission Service	SMEPA (Plum Point): * Jonesboro North - Paragould South 161kV Line: Upgrade to at least 247MVA	EAI	Spring 2010	Approved	Complete	5/14/09	
10CP-EAI-007-4	Transmission Service	SMEPA (Plum Point): * Jonesboro North - Jonesboro 161kV Line: Upgrade to at least 247MVA	EAI	Spring 2010	Approved	Complete	1/9/10	
10CP-EAI-008	Transmission Reliability - Meeting Planning Criteria	Beebe 115 kV Substation: Install 21.6 MVAR Capacitor Bank	EAI	Summer 2010	Approved	Complete	4/21/10	Project moved from spring 2010 to summer 2010 due to construction requirements
10CP-EAI-009	Transmission Reliability - Meeting Planning Criteria	Melbourn - Sage 161 kV Line: Upgrade line to at least 1200 A	EAI	Summer 2010	Approved	Complete	6/19/10	
10CP-EAI-010	Transmission Reliability - Meeting Planning Criteria	Warren East 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI	Summer 2010	Approved	Complete	7/18/10	
10CP-EAI-011	Transmission Reliability - Meeting Planning Criteria	Parkin to Twist 161 kV - Replace line trap at Parkin (increase rating of line segment)	EAI	Summer 2010	Approved	Design/Scoping		
10CP-EAI-012-1	Transmission Service	Transmission Service (OG&E) Upgrade ANO - Russellville North 161 kV Line to 546 MVA	EAI	Summer 2010	Approved	Complete	5/18/10	
10CP-EAI-012-2	Transmission Service	Transmission Service (OG&E) Upgrade Russellville East - Russellville South 161 kV Line to 448 MVA	EAI	Summer 2010	Approved	Complete	8/12/10	
10CP-EAI-013	Transmission Reliability - Meeting Planning Criteria	Osage Creek-Grandview New Line Build new 161 kV (At Least 1200 A) line from Grandview (Planned SPA 161 kV Substation tapped on the Eureka - Table Rock 161 kV Line) to Osage Creek	EAI	Summer 2011	Approved	Design/Scoping		Project to increase reliability to load in NW Arkansas, specifically along the Harrison - Eureka Springs 161 kV line Exploring other options with customer. Accelerated ISD.
10CP-EAI-014	Transmission Reliability - Meeting Planning Criteria	Harrison East to Everton Road 161 kV Line: Upgrade Harrison East Terminal Equipment to 1200 A	EAI	Winter 2009	Approved	Complete	12/15/09	Replaces St. Joe to Hilltop project identified in the ICT base plan.
10CP-EAI-015-1	Transmission Reliability - Meeting Planning Criteria	Holland Bottoms (Cabot EHV): Construct new 500/161/115 kV substation Phase 1 Projects (2011) Tap the Keo - ISES 500 kV Line Tap the Cabot - Jacksonville North 115 kV Line Install 500 kV and 115 kV Busses and a 600 MVA 500 kV / 115 kV Autotransformer	EAI	2011	Approved	Construction		Project to improve reliability in Little Rock during heavy transfers and and loss of Mabelvale autotransformer. Accelerated ISD 2 years.
10CP-EAI-015-2	Transmission Reliability - Meeting Planning Criteria	Holland Bottoms (Cabot EHV): Construct new 500/161/115 kV substation Phase 2 Projects(2012) Install 161 kV Bus and a 600 MVA 500 kV / 161 kV Autotransformer	EAI	2012	Approved	Design/Scoping		Project to improve reliability in Little Rock during heavy transfers and and loss of Mabelvale autotransformer. Accelerated ISD 2 years.
10CP-EAI-016-1	Transmission Service	Transmission Service (Aquilla) Upgrade Hot Springs - Bismark 115 kV Line to 176 MVA	EAI	Winter 2011	Approved	Complete	10/20/10	
10CP-EAI-016-2	Transmission Service	Transmission Service (Aquilla) Upgrade Bismark - Alpine 115 kV Line to 176 MVA	EAI	Winter 2011	Approved	Construction		
10CP-EAI-016-3	Transmission Service	Transmission Service (Aquilla) Upgrade Alpine - Amity 115 kV Line to 176 MVA	EAI	Winter 2011	Approved	Construction		

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10CP-EAI-017	Transmission Reliability - Meeting Planning Criteria	Holland Bottoms - Hamlet 161 kV Line: Construct new 161 kV Line Convert Hamlet SS to a breaker station (Single Bus Single Breaker Scheme) Move the Quitman line from Gold Creek to Hamlet SS Move the Gravel Ridge line from Gold Creek to Hamlet SS Construct a line rated at least 1200 A from Hamlet SS to Holland Bottoms	EAI	2012	Approved	Design/Scoping		In lieu of Morrilton East - Gleason - Tyler upgrade.
10CP-EAI-018	Transmission Reliability - Meeting Planning Criteria	Ebony 161 kV Switching Station: Install 5 Breaker Ring Bus Lines Terminating Into New Ebony Substation (ratings unchanged): Ebony - Kuhn Road 161 kV Line Ebony - WM Lehi - WM Polk - WM EHV 161 kV Line Ebony - WM Dover - WM Gateway 161 kV Line Ebony - Marked Tree 161 kV Line Ebony - WM Lehi - WM EHV 161 kV Line	EAI	2012	Proposed & In Target	Design/Scoping		Project in-lieu of WM Lehi capacitor bank
10CP-EAI-019	Transmission Reliability - Meeting Planning Criteria	Jonesboro to Hergett 161 kV Line: Upgrade 161 kV Line to at least 240 MVA	EAI	2012	Proposed & In Target	Design/Scoping		
10CP-EAI-020	Transmission Reliability - Meeting Planning Criteria	Benton North to Benton South: Construct New 115 kV Line Rated at least 170 MVA Install Switching Stations at Benton North and Benton South	EAI	Winter 2012	Proposed & In Target	Design/Scoping		Alternative project to Bauxite capacitor bank (addresses ICT 100 MW rule)
10CP-EAI-022-1	Transmission Service	Westar Transmission Service Monette - Paragould 161kV Line: Upgrade to at least 246 MVA	EAI	Summer 2012	Approved	Design/Scoping		
10CP-EAI-022-2	Transmission Service	Westar Transmission Service Paragould Substation: Upgrade the switch B6673 from 600A to 2000A	EAI	Summer 2012	Approved	Design/Scoping		
10CP-EAI-022-3	Transmission Service	Westar Transmission Service Russellville South - Dardanelle Dam (SPA) 161kV Line: Upgrade to 416 MVA	EAI	Summer 2012	Approved	Design/Scoping		
10CP-EAI-023	Transmission Reliability - Meeting Planning Criteria	Couch to McNeil 115kV Line: Upgrade jumpers at Couch	EAI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EAI-024	Transmission Reliability - Meeting Planning Criteria	Lake Catherine 4 to Arkklahoma 115 kV line: Upgrade risers at Arkklahoma	EAI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EAI-025	Transmission Reliability - Meeting Planning Criteria	Mablevale to LR Mann Road 115 kV line: Replace switches and risers at Mablevale and upgrade bus at LR Mann Road	EAI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EAI-026	Transmission Reliability - Meeting Planning Criteria	Mablevale to LR Alexander 115 kV line: Replace switches and risers at Mablevale and upgrade bus at LR Mann Road	EAI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EAI-027	Transmission Reliability - Meeting Planning Criteria	Russelville North to Russelville East 115 kV line: Replace jumpers at Russelville East	EAI	Spring 2011	Approved	Design		Increase rating of circuit
10CP-EAI-028	Transmission Reliability - Meeting Planning Criteria	Morgan to Mayflower 115 kV line: Replace jumpers and bus at Mayflower	EAI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EAI-029	Transmission Reliability - Meeting Planning Criteria	Maumelle East SS to Morgan 115 kV line: Replace switch and bus at Maumelle East SS	EAI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EAI-030	Transmission Reliability - Meeting Planning Criteria	Heber Springs South to Heber Springs Industrial 161 kV line: Replace bus at Heber Springs South	EAI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EAI-031	Economic	West Memphis to Birmingham Steel 500 kV line flowgate: Replace 500 kV breaker, six line traps, and 2 switches at West Memphis 500 kV substation	EAI	Winter 2010	Approved	Construction		Increase flowgate capacity
10CP-EGL-001	Transmission Reliability - Meeting Planning Criteria	Acadia 138 kV Substation: Install 36 MVAR Capacitor Bank	EGSL	Summer 2009	Approved	Complete	6/19/09	
10CP-EGL-002	Transmission Reliability - Meeting Planning Criteria	Addis to Cajun 230 kV line - Upgrade Limiting Section With Double-Bundled 649.5 ACAR (654 MVA)	EGSL	Winter 2010	Approved	Construction		Increase capacity of existing 230 kV line. Also required for TSR's
10CP-EGL-003	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	Fall 2010	Approved	Complete	10/27/10	Both banks Completed.

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10CP-EGL-004	Transmission Reliability - Meeting Planning Criteria	Construct New Youngsville 138 kV Distribution Substation	EGSL	Summer 2011	Approved	Design/Scoping		Shifts load off Lafayette to Holiday to Billeaud 69 kV Line. (Replaces Lafayette to Holiday to Billeaud Upgrade). Delay to Winter expected due to site acquisition.
10CP-EGL-005	Transmission Reliability - Meeting Planning Criteria	Alchem - Monochem 138 kV Line: Upgrade 138 kV line to 275 MVA	EGSL	Summer 2011	Approved	Design/Scoping		Also required for TSR's
10CP-EGL-006-1	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 1 Projects Construct new Sellers Road to Meaux 230 kV Line	EGSL	Summer 2011	Approved	Construction		
10CP-EGL-006-2	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 1 Projects Add 450 MVA, 230-138 kV auto at Meaux	EGSL	Summer 2011	Approved	Construction		
10CP-EGL-006-3	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 1 Projects Add new 138 kV line bay at Moril (Segura Line)	EGSL	Summer 2011	Approved	Complete	5/5/10	
10CP-EGL-006-4	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 1 Projects Add new 500 kV position for Cleco autotransformer at Richard	EGSL	Summer 2011	Approved	Construction		
10CP-EGL-007-1	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 2 Projects Construct new Labbe to Sellers Road 230 kV Line	EGSL	Summer 2012	Approved	Design/Scoping		
10CP-EGL-007-2	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 2 Projects Add new 500 kV position for Cleco autotransformer at Wells	EGSL	Summer 2012	Approved	Design/Scoping		
10CP-EGL-008	Transmission Reliability - Meeting Planning Criteria	Construct new Nelson to Moss Bluff 230 kV line Disconnect existing Nelson to Moss Bluff 230 kV line Will be used in the future to create a Nelson to new Lake Charles 230 kV line	EGSL	2012	Proposed & In Target	Design/Scoping		Project to replace upgrade of Nelson to Moss Bluff as identified in ICT Base Plan. Formerly 2nd Pecan Grove to Dynergy 230 kV line.
10CP-EGL-009	Transmission Reliability - Meeting Planning Criteria	Tejac to Marydale: Upgrade 69 kV transmission line	EGSL	2012	Proposed & In Target	Design/Scoping		Increase thermal capacity of 69 kV line.
10CP-EGL-010	Transmission Reliability - Meeting Planning Criteria	Loblolly-Hammond Build 230 kV Line	EGSL/ELL	Summer 2012	Approved	Construction		ROW acquisition and permitting under way. Accelerated ISD.
10CP-EGL-011	Transmission Reliability - Meeting Planning Criteria	Nelson to Mossville - Upgrade 138 kV Line	EGSL	2013	Proposed & In Target	Design/Scoping		Increase thermal capacity
10CP-EGL-012	Transmission Reliability - Meeting Planning Criteria	Construct new Willow Glen to Conway 230 kV line	EGSL	TBD	Proposed & In Target	Design/Scoping		Increase 230 kV thermal capacity in the industrial corridor. Project being re-evaluated in 2011 - 2013 draft construction plan
10CP-EGL-013	Transmission Reliability - Meeting Planning Criteria	Krotz Springs to Line 642 Tap 138 kV line: Upgrade bus at Colonial Springs Tap	EGSL	Summer 2013	Approved	Design		Increase rating of circuit
10CP-EGL-014	Transmission Reliability - Meeting Planning Criteria	Livonia to Line 643 Tap 138 kV line: Upgrade riser at Livonia	EGSL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EGL-015	Transmission Reliability - Meeting Planning Criteria	Wilbert to Livonia 138 kV line: Upgrade risers at Wilbert and Livonia	EGSL	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EGL-016	Transmission Reliability - Meeting Planning Criteria	Big Three to Carlyss 230 kV line: Upgrade bus, switch, and jumpers at Carlyss 230 kV substation	EGSL	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EGL-017	Transmission Reliability - Meeting Planning Criteria	Richard to Habetz 138 kV line: Upgrade bus at Richard	EGSL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EGL-018	Transmission Reliability - Meeting Planning Criteria	Willow Glen to Webre 500 kV line: Replace/change line relay CT and ratio at Willow Glen	EGSL	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EGL-019	Transmission Reliability - Meeting Planning Criteria	Willow Glen to Geismer 138 kV line: Upgrade risers at Willow Glen and Geismer	EGSL	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EGL-020	Transmission Reliability - Meeting Planning Criteria	Port Hudson to Fancy Point 230 kV line: Upgrade bus at Fancy Point	EGSL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EGL-021	Transmission Reliability - Meeting Planning Criteria	Richard to Scott 1 138kV segment: Replace/change CT ratio at Richard and upgrade bus at Scott	EGSL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-EGL-022	Transmission Reliability - Meeting Planning Criteria	Carlyss to Rose Bluff 230 kV line: Upgrade bus, switch, and jumpers at Carlyss 230 kV substation	EGSL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ELL-010	Transmission Reliability - Meeting Planning Criteria	Waterford 4: Blackstart generator interconnection	ELL	Summer 2009	Approved	Complete	2009	

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10CP-ELL-001	Transmission Reliability - Meeting Planning Criteria	Snakefarm to Kenner 115 kV line: Upgrade to 359 MVA	ELL	Spring 2010	Approved	Complete	3/25/10	
10CP-ELL-002	Transmission Reliability - Meeting Planning Criteria	Bogalusa to Adams Creek 230 kV No. 2 - Upgrade terminal equipment at Bogalusa	ELL	Winter 2009	Approved	Complete	1/18/10	Work completed Winter 2009 ahead of Spring 2010.
10CP-ELL-003	Transmission Reliability - Meeting Planning Criteria	Delhi 115 kV Substation - Add 30.5 MVAR Capacitor Bank	ELL	Winter 2009	Approved	Complete	10/21/09	Project associated with new Sackasonia substation
10CP-ELL-004	Economic	Delhi 115 kV Substation - Add 10 Ohm series reactor	ELL	Spring 2010	Approved	Complete	5/20/10	ISD accelerated to Spring 2010 from Winter 2010.
10CP-ELL-005-1	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.	ELL	Summer 2011	Approved	Construction		
10CP-ELL-005-2	Transmission Reliability - Meeting Planning Criteria	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Add 32.4 MVAR capacitor bank at Luckey 115 kV substation	ELL	Summer 2011	Approved	Complete	3/1/09	
10CP-ELL-005-3	Transmission Reliability - Meeting Planning Criteria	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Add 32.4 MVAR capacitor bank at Vienna 115 kV substation	ELL	Summer 2011	Approved	Complete	10/1/09	
10CP-ELL-006	Transmission Reliability - Meeting Planning Criteria	Bayou LaBoutte: Construct new 500-230 kV Substation Install 800 MVA, 500-230 kV autotransformer Cut in Webre to Willow Glen 500 kV line Construct new 230 kV line from Bayou LaBoutte to Iberville 230 kV substation	ELL	Winter 2011	Approved	Construction		Project to provide thermal capacity to the existing 230 kV system near Evergreen and additional autotransformer capacity in the area. Project accelerated from Summer 2012 to Winter 2011.
10CP-ELL-007	Transmission Reliability - Meeting Planning Criteria	Southeast LA Coastal Improvement Plan: Phase 2 Build Peters Road-Oakville 230kV Line and Substation	ELL	2012	Approved	Design/Scoping		
10CP-ELL-008	Transmission Reliability - Meeting Planning Criteria	Southeast LA Coastal Improvement Plan: Phase 3 Construct Oakville to Alliance 230kV Line Add 230 - 115 kV Autotransformer at Alliance Substation	ELL	2012	Approved	Design/Scoping		Provides 230 kV source to the Alliance area.
10CP-ELL-009	Transmission Reliability - Meeting Planning Criteria	Iron Man to Tezcuco 230 kV line - Construct new line (Formerly Bayou Steel to Tezcuco)	ELL	2013	Approved	Design/Scoping		Provides third path from Gypsy/Waterford area to Tezcuco. Replaces Belle Point to Gypsy 230 kV line upgrade identified in the ICT Base Plan. Current need shown for 2013 Summer.
10CP-ELL-010-1	Transmission Service	Ouachita Transmission Service Split Sterlington 115 kV bus and replace 500-115 auto #2 with 750 MVA	ELL	Summer 2012	Approved	Design/Construction		
10CP-ELL-010-2	Transmission Service	Ouachita Transmission Service Upgrade Walnut Grove to Swartz 115 kV line	ELL	Spring 2013	Approved	Design		
10CP-ELL-010-3	Transmission Service	Ouachita Transmission Service Upgrade Frostcraft to Rilla 115 kV line	ELL	Summer 2012	Approved	Complete	6/14/10	
10CP-ELL-010-4	Transmission Service	Ouachita Transmission Service Upgrade Sterlington to Log Cabin 115 kV line	ELL	Summer 2012	Approved	Design/Construction		
10CP-ELL-010-5	Transmission Service	Ouachita Transmission Service Loop Sterlington to North Crosssett into North Bastrop	ELL	Summer 2012	Approved	Construction		
10CP-ELL-010-6	Transmission Service	Ouachita Transmission Service Add 43 MVAR, 115 kV capacitor bank at Riser	ELL	Summer 2012	Approved	Construction		
10CP-ELL-011	Transmission Reliability - Meeting Planning Criteria	Barataria to Ninemile 115 kV line: Replace line Trap	ELL	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ELL-012	Transmission Reliability - Meeting Planning Criteria	Waterford to Ninemile 230 kV line: Replace line trap, switches, and jumpers at Ninemile	ELL	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ELL-013	Transmission Reliability - Meeting Planning Criteria	Raceland to Couteau 115 kV line: Replace switch, jumpers and line trap	ELL	Winter 2010	Approved	Complete	10/25/10	Increase rating of circuit
10CP-EMI-001	Transmission Reliability - Meeting Planning Criteria	Liberty-Gloster: Upgrade 115 kV Line For Natchez De-listing	EMI	Summer 2009	Approved	Complete	4/25/09	Project required to maintain reliability in the Natchez area after loss of local generation
10CP-EMI-002	Transmission Reliability - Meeting Planning Criteria	Indianola-Greenwood 115 kV Line: Upgrade line to 161 MVA Upgrade Terminal Equipment at Morehead, Itta Bena, and Greenwood	EMI	Summer 2010	Approved	Complete	6/10/10	Improve reliability in the Greenwood area Need Mobile
10CP-EMI-003	Transmission Reliability - Meeting Planning Criteria	Magee 115 kV Substation: Replace Switches	EMI	Summer 2010	Approved	Construction		Project to increase tie capability with SMEPA in coordination with SMEPA's upgrade of their autotransformers at Magee. Completion of project dependent on outage from SMEPA.

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10CP-EMI-004-1	Transmission Service	TVA Affected System Upgrades Morton 115 kV Substation: Upgrade 600 A Switches to 1200A	EMI	Spring 2010	Approved	Complete	11/6/09	
10CP-EMI-004-2	Transmission Service	TVA Affected System Upgrades South Jackson - Florence 115 kV Line: Upgrade to at least 240 MVA	EMI	Spring 2010	Approved	Complete	4/23/10	
10CP-EMI-005	Transmission Service	Grand Gulf Uprate Project Baxter Wilson - Ray Braswell 500 kV Line: Upgrade Breakers and Switches to 3000 A	EMI	Summer 2010	Approved	Complete	4/9/10	Project to increase the thermal capacity of the 500 kV line. Accelerated ISD from 2011 to 2010
10CP-EMI-006-1	Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Projects Winona 115 kV Substation: Install 21.6 MVAR Capacitor Bank	EMI	Winter 2009	Approved	Complete	11/30/09	
10CP-EMI-006-2	Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Projects Greenwood 115 kV Substation: Upgrade 21.6 MVAR Capacitor Bank to 32.4 MVAR	EMI	Winter 2009	Approved	Complete	10/28/09	
10CP-EMI-006-3	Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Projects Schlater 115 kV substation: Install 21.6 MVAR Capacitor Bank	EMI	Winter 2009	Approved	Complete	10/21/09	
10CP-EMI-007-01	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Rolling Fork	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-02	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Yazoo City Municipal	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-03	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Carthage	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-04	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Tylertown	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-05	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Senatobia	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-06	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Plum Point	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-07	Transmission Service	Grand Gulf Uprate Project: Add vars to system Upgrade 21.6 MVAR capacitor bank at McComb to 32.4 MVAR.	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-08	Transmission Service	Grand Gulf Uprate Project: Add vars to system Split existing 32.4 MVAR capacitor banks at Hernando into (2) 21 MVAR cap banks.\	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-09	Transmission Service	Grand Gulf Uprate Project: Add vars to system Split existing 32.4 MVAR capacitor banks at Hollandale into (2) 21 MVAR cap banks.	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-10	Transmission Service	Grand Gulf Uprate Project: Add vars to system Split existing 32.4 MVAR capacitor banks at Port Gibson into (2) 21 MVAR cap banks.	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-11	Transmission Service	Grand Gulf Uprate Project: Add vars to system Split existing 32.4 MVAR capacitor banks at Fayette into (2) 21 MVAR cap banks.	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-007-12	Transmission Service	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 32.4 MVAR capacitor bank at Magee.	EMI	Spring 2011	Approved	Design/Scoping		
10CP-EMI-008	Transmission Reliability - Meeting Planning Criteria	Florence - Florence SS - Star 115 kV Line: Upgrade to at least 240 MVA	EMI	Spring 2011	Approved	Construction		Project to increase thermal capacity of 115 kV line
10CP-EMI-009	Transmission Reliability - Meeting Planning Criteria	Waterways - Vicksburg East 115 kV Line: Upgrade to at least 240 MVA	EMI	Summer 2011	Approved	Construction		Project to increase the thermal capacity of the 115 kV line. Accelerated ISD from 2011 to 2010
10CP-EMI-010	Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Build Sunnybrook and Radial 115 kV Transmission Line	EMI	Summer 2011	Approved	Construction		Project to serve rapid load growth North of Jackson. ROW acquisition may impact ISD.
10CP-EMI-011-1	Transmission Reliability - Meeting Planning Criteria	McAdams Area Upgrades McAdams Substation: Add 2nd 560 MVA 500 kV / 230 kV Autotransformer (Hartburg Spare single phase units)	EMI	2011	Approved	Construction		

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10CP-EMI-011-2	Transmission Reliability - Meeting Planning Criteria	McAdams Area Upgrades McAdams - Pickens 230 kV line: Upgrade to Double-Bundled 954 ACSR (880 MVA)	EMI	2011	Approved	Design/Scoping		
10CP-EMI-012-1	Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Rebuild Lakeover - Ridgeland Line	EMI	2012	Approved	Construction		Project to serve rapid load growth North of Jackson. Accelerated ISD from 2014
10CP-EMI-012-2	Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Build Lakeover - Sunnybrook - Northpark 115 kV Line	EMI	2012	Approved	Construction		Project to serve rapid load growth North of Jackson. Accelerated ISD from 2014
10CP-EMI-013	Transmission Service	Ouachita Transmission Service Move Sterlington 600 MVA auto to Baxter Wilson 500 (Second 500-115 kV auto)	EMI	Summer 2012	Approved	Construction		Added projected ISD's in project name to individual projects for clarification
10CP-EMI-014-1	Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 2 Projects Tillatoba to South Grenada 230 kV Line: Construct New 520 MVA Line	EMI	Summer 2012	Approved	Design/Scoping		Project to improve reliability in the area between Tillatoba, Indianola, and Attala for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value. Accelerated ISD
10CP-EMI-014-2	Transmission Reliability - Meeting Planning Criteria	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 2 Projects South Grenada 115 kV Substation: Install 230 kV Bus and a 400 MVA 230-115 kV Autotransformer	EMI	Summer 2012	Approved	Design/Scoping		Project to improve reliability in the area between Tillatoba, Indianola, and Attala for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value. Accelerated ISD
10CP-EMI-015-1	Transmission Reliability - Meeting Planning Criteria	Brookhaven to Mallielieu 115 kV - Upgrade 115 kV line to 260 MVA	EMI	TBD	Proposed & In Target	Design/Scoping		Project being reevaluated in Draft 2011 - 2013 Construction Plan
10CP-EMI-015-2	Transmission Reliability - Meeting Planning Criteria	Mallielieu to Norfield - Upgrade 115 kV line to 260 MVA	EMI	TBD	Proposed & In Target	Design/Scoping		Project being reevaluated in Draft 2011 - 2013 Construction Plan
10CP-EMI-015-3	Transmission Reliability - Meeting Planning Criteria	Norfield to McComb 115 kV - Upgrade 115 kV line to 260 MVA	EMI	TBD	Proposed & In Target	Design/Scoping		Project being reevaluated in Draft 2011 - 2013 Construction Plan
10CP-EMI-016	Transmission Reliability - Meeting Planning Criteria	Franklin 500 kV Substation - Relocate Franklin to Bogalusa 500 kV and Autotransformer positions	EMI	2014	Proposed & In Target	Design/Scoping		Eliminate risk due to breaker failure
10CP-EMI-017	Transmission Reliability - Meeting Planning Criteria	Ray Braswell - Wyndale 115kV Line: Construct New 260 MVA Construct new 115 kV Switching Station between Byram and Terry Wyndale SS to be designed for future 230-115 kV auto and distribution facilities	EMI	2013	Approved	Design/Scoping		Project to alleviate overloads flowing south on the 115 kV system between Jackson and south Louisiana. ISD driven by CCN and ROW acquisition. Formerly Ray Braswell to Wyndale to Byram 115 kV line.
10CP-EMI-018	Transmission Reliability - Meeting Planning Criteria	Getwell to Church Road 230 kV construct new 230 kV Transmission Line	EMI	2013	Proposed & In Target	Design/Scoping		Added to plan to in lieu of Horn Lake to Allen 161 kV line upgrade.
10CP-EMI-019	Transmission Reliability - Meeting Planning Criteria	Getwell Area Improvements Construct new 230 kV line from Getwell to new Senatobia Industrial 230-115 kV substation. Add new 230-115 kV autotransformer at new Senatobia Industrial substation. Cut in Senatobia to Sardis 115 kV line into new substation.	EMI	2015	Proposed & In Target	Design/Scoping		Provide additional thermal capacity and allow future conversion to 230 kV. Addresses ICT 100 MW rule. Creates first leg of Getwell to Batesville 230 kV conversion as identified in the ICT Base Plan. Changed scope to go ahead and operate new 230 kV line down to Senatobia area with auto. Delayed to 2015 due to acceleration of Getwell to Church Road 230 kV line.
10CP-EMI-020	Transmission Reliability - Meeting Planning Criteria	Ray Braswell to Clinton 115 kV line: Upgrade switch at Clinton and riser at Ray Braswell	EMI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-EMI-021	Transmission Reliability - Meeting Planning Criteria	Clinton to Jackson NW 115 kV line: Upgrade switch at Clinton	EMI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ENO-001	Transmission Reliability - Meeting Planning Criteria	Paterson 115kV: Restore 4 breakers	ENOI	Summer 2009	Approved	Complete	1/29/09	

**Entergy 2010-2012 Final Construction Plan
Update 5**

2010 - 2012 Final Construction Plan Update 5								
2010 - 2012 Final Construction Plan Update 4								
New Addition								
Modification								
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2010 Funding Comments	Project Status	Actual ISD	Other Comments
10CP-ETI-001	Transmission Reliability - Meeting Planning Criteria	Newton Bulk: Replace/Re-tap CT to increase rating on Holly Springs line	ETI	Summer 2009	Approved	Complete	12/1/09	
10CP-ETI-002	Transmission Reliability - Meeting Planning Criteria	Beaumont 69 kV Improvement Plan: Option 2	ETI	Summer 2009	Approved	Complete	6/19/09	
10CP-ETI-003	Generation Interconnection	Sheco Jacinto - Generator Interconnection	ETI	Summer 2009	Approved	Complete	7/3/09	
10CP-ETI-004	Transmission Reliability - Meeting Planning Criteria	Gulfway 230 kV Substation Construct new Gulfweay 230 kV Substation Cut new Substation into existing VFW to Kolbs 230 kV Line Construct new Sabine to Gulfway 230 kV line	ETI	Fall 2009	Approved	Complete	10/13/09	Transfer of load from 69 kV to Gulfway 230 kV. Alleviates concerns with Kolbs to Lakeview 69 kV thermal loading
10CP-ETI-005	Transmission Reliability - Meeting Planning Criteria	Fawil: Upgrade 138/69 kV Auto	ETI	Winter 2009	Approved	Complete	1/23/10	Delayed by customer
10CP-ETI-006	Transmission Reliability - Meeting Planning Criteria	Porter - Tamina: Replace Breaker/Switches	ETI	Summer 2009	Approved	Complete	10/22/09	Increase thermal capacity of 138 kV line
10CP-ETI-007	Enhanced Transmission Reliability	Warren Substation - Add two breakers	ETI	Winter 2009	Approved	Complete	1/2/08	
10CP-ETI-008-1	Transmission Reliability - Meeting Planning Criteria	Temco and Shepard 138 kV Substations - Upgrade CTs at Temco	ETI	Summer 2010	Approved	Complete	10/26/10	Project to increase thermal rating of the line to the conductor limit
10CP-ETI-008-2	Transmission Reliability - Meeting Planning Criteria	Temco and Shepard 138 kV Substations - Upgrade CTs at Shepard	ETI	Summer 2010	Approved	Complete	10/26/10	Project to increase thermal rating of the line to the conductor limit
10CP-ETI-009	Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Interim (Part 1) Relocate Sheco's Caney Creek 138 kV Substation	ETI	Summer 2010	Approved	Construction		
10CP-ETI-010	Transmission Reliability - Meeting Planning Criteria	College Station 138kV Switching Station Construct new 3 terminal 138 kV Switching Station Close normally open switch at Speedway	ETI	Spring 2011	Approved	Construction		Project scope modified to install a breaker station in lieu of relay modifications. ISD moved to Spring 2011 from Winter 2010 due to construction lead times.
10CP-ETI-011	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	Winter 2010	Approved	Construction		Accelerated ISD
10CP-ETI-012	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	Construction		Confirmed target ISD
10CP-ETI-013	Transmission Service	Grand Gulf Uprate Project Upgrade Hartburg to Inland Orange to McLewis 230 kV line	ETI	Summer 2011	Approved	Design/Scoping		Project to increase the thermal capacity of the 230 kV line.
10CP-ETI-014	Transmission Reliability - Meeting Planning Criteria	Tamina to Cedar Hill 138 kV line: Upgrade	ETI	Winter 2011	Approved	Design/Scoping		Increase thermal capacity of 138 kV line
10CP-ETI-015	Transmission Reliability - Meeting Planning Criteria	Cedar Hill - Plantation 138 kV line: Upgrade	ETI	TBD	Proposed & In Target	Design/Scoping		Increase thermal capacity of 138 kV line. Being re-evaluated in Draft 2011 - 2013 CP.
10CP-ETI-016	Transmission Reliability - Meeting Planning Criteria	Plantation to Conroe 138 kV line: Upgrade	ETI	TBD	Proposed & In Target	Design/Scoping		Increase thermal capacity of 138 kV line. Being re-evaluated in Draft 2011 - 2013 CP.
10CP-ETI-017	Transmission Reliability - Meeting Planning Criteria	Jasper to Rayburn 138 kV line: Upgrade	ETI	2013	Proposed & In Target	Design/Scoping		Increase thermal capacity of 138 kV line
10CP-ETI-018	Transmission Reliability - Meeting Planning Criteria	Lewis Creek to Caney Creek 138 kV line: Upgrade bus, jumpers and risers at Lewis Creek	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-019	Transmission Reliability - Meeting Planning Criteria	Lewis Creek to Alden 138 kV line: Upgrade bus and jumpers at Lewis Creek and Alden	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-020	Transmission Reliability - Meeting Planning Criteria	Inland Orange to McLewis 230 kV line: Upgrade risers at Inland Orange and switch 22628 at McLewis	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-021	Transmission Reliability - Meeting Planning Criteria	Hartburg to Inland Orange 230 kV line: Upgrade risers at Inland Orange	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-022	Transmission Reliability - Meeting Planning Criteria	McLewis to Helbig 230 kV line: Upgrade switch 22627 at McLewis	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-023	Transmission Reliability - Meeting Planning Criteria	Sabine to Linde 138 kV line: Upgrade bus and risers at Sabine and Linde	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-024	Transmission Reliability - Meeting Planning Criteria	Sabine to Mid County 230 kV line: Upgrade bus and jumpers at Mid County	ETI	Winter 2010	Approved	Design		Increase rating of circuit
10CP-ETI-025	Transmission Reliability - Meeting Planning Criteria	Chem Rd to Dupont Sabine 3 138 kV line: Upgrade metering CT at Dupont Sabine	ETI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ETI-026	Transmission Reliability - Meeting Planning Criteria	Orange to Bunch Gully 138 kV line: Upgrade bus and risers at Orange	ETI	Winter 2010	Approved	Design		Increase rating of circuit

**Entergy 2010-2012 Final Construction Plan
Update 5**

2010 - 2012 Final Construction Plan Update 5								
2010 - 2012 Final Construction Plan Update 4								
New Addition								
Modification								
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2010 Funding Comments	Project Status	Actual ISD	Other Comments
10CP-ETI-027	Transmission Reliability - Meeting Planning Criteria	Toledo Bend to Leesville 138 kV line: Upgrade CT at Toledo Bend	ETI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ETI-028	Transmission Reliability - Meeting Planning Criteria	Toledo Bend to Van Ply 138 kV line: Upgrade CT at Toledo Bend	ETI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ETI-029	Transmission Reliability - Meeting Planning Criteria	Cypress to Lumberton 138 kV line: Upgrade bus at Lumberton and Cypress	ETI	Summer 2011	Approved	Design		Increase rating of circuit
10CP-ETI-030	Transmission Reliability - Meeting Planning Criteria	Goslin to Conroe Bulk 138 kV line: Upgrade bus and jumpers at Conroe and Goslin	ETI	Summer 2011	Approved	Design		Increase rating of circuit