

Entergy 2010-2012 Draft Construction Plan

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 (Aquilla) 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	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
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 Attala for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value

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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 Reliability - Meeting Planning Criteria	Tamina - Cedar Hill Reconductor	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	
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	Scoping	

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