

Entergy 2013-2017 Draft Construction Plan Update 3

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 5-year Construction Plan horizon
Not Funded	Project is currently outside the 5-year Construction Plan horizon. Project is not officially included in the budget forecast.

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.

Addendum: Horizon Projects

Horizon Projects are projects that have been identified in the annual 10 year reliability assesment but are not included in the current five year construction plan window. Final project scopes and timing may vary in future assessments.

Addendum: Identified Target Areas

Identified Target areas are areas of interest that may require reliability improvements beyond the 10 year planning horizon. Future changes in modeling assumptions may require the project or an equivalent type project to be included in the annual 10 year assessment.

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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Entergy Draft 2013 - 2017 Construction Plan Update 3 Projects								
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		New Project						
		Modified						
		Removed						
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2012 Funding Comments	Project Status	Actual ISD	Other Comments
10-EAI-015-2-CP	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 Summer	Approved	Complete	5/23/12	
10-EAI-017-CP	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 Summer	Approved	Complete	5/23/12	
10-EAI-019-CP	Transmission Reliability - Meeting Planning Criteria	Jonesboro to Hergett 161 kV Line: Upgrade 161 kV Line to at least 240 MVA	EAI	2012 Summer	Approved	Complete	5/3/12	
10-EAI-022-1-CP	Transmission Service	Westar Transmission Service Monette - Paragould 161kV Line: Upgrade to at least 246 MVA	EAI	2012 Summer	Approved	Complete	1/10/12	
10-EAI-022-2-CP	Transmission Service	Westar Transmission Service Paragould Substation: Upgrade the switch B6673 from 600A to 2000A	EAI	2012 Summer	Approved	Complete	9/29/11	
10-EAI-022-3-CP	Transmission Service	Westar Transmission Service Russellville South - Dardanelle Dam (SPA) 161kV Line: Upgrade to 416 MVA	EAI	2012 Summer	Approved	Complete	10/31/11	
11-EAI-001-CP	Transmission Reliability - Meeting Planning Criteria	Pine Bluff Voltage Support Project - Phase 1 Poyen 115 kV Substation: Add 21.6 MVAR Capacitor Bank	EAI	2012 Summer	Approved	Complete	5/31/12	
13-EAI-007-CP	Transmission Reliability - Meeting Planning Criteria	Jim Hill to St. Francis 161 kV line: Upgrade terminal equipment at Jim Hill	EAI	2012 Fall	Approved	Complete	10/24/12	New Project
10-EAI-018-CP	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 Winter	Approved	Construction		Delayed to winter due to construction feasibility
11-EAI-006-CP	Transmission Reliability - Meeting Planning Criteria	Ebony 161 kV Switching Station: Add 36 MVAR Capacitor Bank	EAI	2012 Winter	Approved	Construction		Delayed to winter due to construction feasibility
11-EAI-010-CP	Transmission Reliability - Meeting Planning Criteria	Wilmar Substation: Add 21.6 MVAR Capacitor Bank (Formerly Hilo Substation)	EAI	2012 Winter	Approved	Design/Scoping		Delayed to winter due to construction feasibility
10-EAI-020-CP	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	2012 Winter	Approved	Design/Construction		May be delayed to summer due to routing difficulties
12-EAI-028-CP	Transmission Reliability - Meeting Planning Criteria	Quitman to Bee Branch: Replace 600A switch	EAI	2012 Winter	Approved	Complete	10/23/12	
11-EAI-009-CP	Generation Interconnection	Basin Springs Substation - Construct new substation	EAI	2013 Summer	Approved	Design/Scoping		IA executed but currently on suspension per customer
11-EAI-012-CP	Transmission Reliability - Meeting Planning Criteria	Stuttgart Ricuskey 115 kV Substation: Expand Capacitor Bank to 39 MVAR	EAI	2013 Summer	Proposed & In Target	Design/Scoping		
11-EAI-026-CP	Transmission Reliability - Meeting Planning Criteria	NLR Westgate - NLR Levy: Reconductor 115 kV Line	EAI	2013 Summer	Approved	Design/Scoping		May be delayed to winter 2013 due to outage scheduling
13-EAI-004-CP	Transmission Reliability - Meeting Planning Criteria	Monticello East - Add 21.6 MVAR capacitor bank	EAI	2013 Summer	Proposed & In Target	Design/Scoping		Replaces Monticello East SVC project 12-EAI-007-CP
12-EAI-020-CP	Transmission Reliability - Meeting Planning Criteria	Mabelvale: Change 500-115 NLTC from 487.5kV tap to 512.5kV tap	EAI	2013 Summer	Approved	Complete	5/10/12	
13-EAI-008-CP	Transmission Reliability - Meeting Planning Criteria	Hot Springs EHV Substation: Replace two 115 kV autotransformer breakers	EAI	2013 Summer	Proposed & In Target	Design/Scoping		New Project to address fault interrupting requirements
11-EAI-003-CP	Transmission Reliability - Meeting Planning Criteria	Fordyce: Relocate capacitor bank to 115 kV bus	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
11-EAI-004-1-CP	Economic	Sheridan South 500 kV FG Upgrade: Mabelvale 500 kV Substation replace 3 breakers, 13 switches, and 2 line traps	EAI	2014 Summer	Approved	Construction		
11-EAI-004-2-CP	Economic	Sheridan South 500 kV FG Upgrade: Sheridan 500 kV Substation replace 11 switches, and 6 line traps	EAI	2014 Summer	Approved	Construction		

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		New Project						
		Modified						
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Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2012 Funding Comments	Project Status	Actual ISD	Other Comments
11-EAI-004-3-CP	Economic	Sheridan South 500 kV FG Upgrade: White Bluff 500 kV Substation replace 5 switches, and 2 line traps	EAI	2014 Summer	Approved	Construction		
11-EAI-004-4-CP	Economic	Sheridan South 500 kV FG Upgrade: Eldorado 500 kV Substation replace 1 switch and 2 line traps	EAI	2014 Summer	Approved	Construction		
12-EAI-002-CP	Transmission Reliability - Meeting Planning Criteria	Woodward - Pine Bluff West - Pine Bluff McCamant: Reconductor 115 kV	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
12-EAI-005-CP	Transmission Reliability - Meeting Planning Criteria	Camden McGuire - Camden North 115kV Line: Construct New Line	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
12-EAI-008-01-CP	Transmission Reliability - Meeting Planning Criteria	LV Bagby to Macon Lake: Construct new 230 kV line and operate at 115 kV	EAI	2014 Summer	Proposed & In Target	Design/Scoping		Project split into two phases. Formerly 12-EAI-008-CP
12-EAI-023-CP	Transmission Reliability - Meeting Planning Criteria	Woodward to Pine Bluff Watson Chapel: Rebuild line to 230 kV construction and operate at 115 kV.	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
12-EAI-024-CP	Transmission Reliability - Meeting Planning Criteria	Reconductor Arklaoma No. 2 to HS EHV East	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
12-EAI-025-CP	Transmission Reliability - Meeting Planning Criteria	Reconductor Arklaoma No. 1 to HS EHV West	EAI	2014 Summer	Proposed & In Target	Design/Scoping		
12-EAI-001-CP	Transmission Reliability - Meeting Planning Criteria	Calico Rock-Melbourne - Upgrade 161kV Line	EAI	2014 Winter	Proposed & In Target	Design/Scoping		
11-EAI-007-CP	Transmission Reliability - Meeting Planning Criteria	Hot Springs Hamilton (Albright) - Carpenter Dam: Construct new 115 kV Line and convert Mountain Pine South to ring bus stations.	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
13-EAI-003-CP	Transmission Reliability - Meeting Planning Criteria	Monticello East to Reed: Construct new 115 kV transmission line. Construct to 230 kV but operate at 115 kV.	EAI	2015 Summer	Proposed & In Target	Design/Scoping		Replaces Monticello East SVC project 12-EAI-007-CP
11-EAI-008-CP	Transmission Reliability - Meeting Planning Criteria	Pine Bluff Voltage Support Project: Phase 2 Woodward: Construct 230 kV ring bus and construct new White Bluff to Woodward 230 kV line	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
11-EAI-017-CP	Transmission Reliability - Meeting Planning Criteria	White Bluff: Reconfigure 500 kV Station and construct 230 kV ring bus	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
12-EAI-016-CP	Transmission Reliability - Meeting Planning Criteria	HS EHV-HS Industrial: Upgrade Terminal Equipment	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
12-EAI-017-CP	Transmission Reliability - Meeting Planning Criteria	HS Industrial-HS Union Carbide: Upgrade Terminal Equipment	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
12-EAI-018-CP	Transmission Reliability - Meeting Planning Criteria	HS Union Carbide-HS East: Upgrade Terminal Equipment	EAI	2015 Summer	Proposed & In Target	Design/Scoping		
11-EAI-025-CP	Transmission Reliability - Meeting Planning Criteria	Norfolk-Calico Rock : Upgrade 161 kV Line	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
11-EAI-027-CP	Transmission Reliability - Meeting Planning Criteria	AECC L&D 2 to Gillett: Construct new 115 kV Line	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
12-EAI-003-CP	Transmission Reliability - Meeting Planning Criteria	Woodward-115 kV Bus Reconfiguration	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
12-EAI-019-CP	Transmission Reliability - Meeting Planning Criteria	Mabelvale: Replace 500-115 Autos	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
13-EAI-001-CP	Transmission Reliability - Meeting Planning Criteria	Pine Bluff McCamant- Pine Bluff East: Reconductor line	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
12-EAI-035-CP	Transmission Reliability - Meeting Planning Criteria	Ward: Install 21.6 MVAR capacitor bank	EAI	2016 Summer	Proposed & In Target	Design/Scoping		
11-EAI-015-CP	Transmission Reliability - Meeting Planning Criteria	Jim Hill Area Upgrades Doniphan (AECI New Sub) - Datto 161 construct new line	EAI	2017 Summer	Proposed & In Target	Design/Scoping		
12-EAI-027-CP	Transmission Reliability - Meeting Planning Criteria	Malvern South: Add 10.2 MVAR Capacitor Bank	EAI	2017 Summer	Proposed & In Target	Design/Scoping		
12-EAI-008-02-CP	Transmission Reliability - Meeting Planning Criteria	Macon Lake to Reed: Construct new 230 kV line and operate at 115 kV	EAI	2017 Summer	Proposed & In Target	Design/Scoping		Project split into two phases. Formerly 12-EAI-008-CP
12-EAI-026-CP	Transmission Reliability - Meeting Planning Criteria	Change Danville 161-115 Auto tap to 115.5 kV	EAI	2017 Summer	Proposed & In Target	Design/Scoping		Corrected Construction Plan ID Number (formerly listed as 12-EAI-028-HZ)
13-EAI-002-CP	Transmission Reliability - Meeting Planning Criteria	Pine Bluff Watson Chapel - Pine Bluff South: Rebuild line to 230 kV construction and operate at 115 kV	EAI	2017 Summer	Proposed & In Target	Design/Scoping		

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12-EAI-021-CP	Enhanced Transmission Reliability	Mayflower - Reconfigure 500 kV bus (eliminate breaker failure impact on autos)	EAI	2017 Winter	Proposed & In Target	Design/Scoping		
11-EAI-016-CP	Transmission Reliability - Meeting Planning Criteria	ISES- Reconfiguration of the 161kV Bus	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
11-EAI-024-CP	Transmission Reliability - Meeting Planning Criteria	Holland Bottoms to Jacksonville North: Reconductor 115 kV Line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-006-CP	Transmission Reliability - Meeting Planning Criteria	Russellville East-Russellville North: Reconductor 161kV line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-009-CP	Transmission Reliability - Meeting Planning Criteria	LR West-LR Palm: Reconductor 115kV line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-010-CP	Transmission Reliability - Meeting Planning Criteria	NLR Westgate-LR Gaines: Reconductor 115kV line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-014-CP	Transmission Reliability - Meeting Planning Criteria	Mabelvale-Bryant: Reconductor 115kV line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-029-CP	Transmission Reliability - Meeting Planning Criteria	Upgrade Cheetah to Hot Springs Village 115 kV line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-031-CP	Transmission Reliability - Meeting Planning Criteria	LR Kanis to LR Markham: Reconductor line	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-032-01-CP	Transmission Reliability - Meeting Planning Criteria	Construct Gum Springs Switching Station	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
12-EAI-032-02-CP	Transmission Reliability - Meeting Planning Criteria	Gum Springs to Amity construct new line. Add breakers at Amity	EAI	2018 Summer	Proposed & In Target	Design/Scoping		
10-EGL-007-1-CP	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 2 Projects Construct new Labbe to Sellers Road 230 kV Line	EGSL	2012 Summer	Approved	Complete	6/28/12	
10-EGL-007-2-CP	Transmission Reliability - Meeting Planning Criteria	Acadiana Area Improvement Project Phase 2 Projects Add new 500 kV position for Cleco autotransformer at Wells	EGSL	2012 Summer	Approved	Complete	5/6/11	
10-EGL-008-CP	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 Summer	Approved	Complete	5/12/12	
10-EGL-009-CP	Transmission Reliability - Meeting Planning Criteria	Tejac to Marydale: Upgrade 69 kV transmission line	EGSL	2012 Summer	Approved	Complete	2/15/12	
11-EGL-005-CP	Transmission Reliability - Meeting Planning Criteria	Jackson to Tejac: Upgrade 69 kV transmission line	EGSL	2012 Summer	Approved	Complete	6/15/12	
11-EGL-013-CP	Transmission Reliability - Meeting Planning Criteria	Fireco to Copol 69 kV line: Upgrade switches and line trap	EGSL	2012 Summer	Approved	Complete	5/21/12	
11-EGL-014-CP	Transmission Reliability - Meeting Planning Criteria	Addis 69 kV substation: Upgrade 69 kV switches and line trap	EGSL	2012 Summer	Approved	Complete	5/21/12	
12-EGL-014-CP	Transmission Reliability - Meeting Planning Criteria	Lake Charles Bulk Substation: Replace four 69 kV, 600 A switches on transformers and bus section breaker with 1200 A switches	EGSL	2012 Fall	Approved	Design		
11-EGL-013-1-CP	Transmission Reliability - Meeting Planning Criteria	Fireco to Copol 69 kV line: Upgrade line conductor	EGSL	2012 Winter	Approved	Design/Scoping		
10-EGL-011-CP	Transmission Reliability - Meeting Planning Criteria	Mossville - Cut-in line 616 (Nelson to Carlyss 138 kV) into Mossville 138 kV Substation	EGSL	2013 Summer	Proposed & In Target	Design/Scoping		
10-EGL-013-CP	Transmission Reliability - Meeting Planning Criteria	Krotz Springs to Line 642 Tap 138 kV line: Upgrade bus at Colonial Springs Tap	EGSL	2013 Summer	Approved	Complete	3/14/11	
11-EGL-004-CP	Transmission Reliability - Meeting Planning Criteria	Bloomfield to Bosco 138 kV line (formerly Vatican project) Construct new Bloomfield 138 kV SS north of Vatican Construct new Bosco 138 kV SS on Scott to Scanlan 138 kV line Construct new Bloomfield to Bosco 138 kV line Install 5 ohm reactor at Bosco substation	EGSL	2013 Summer	Approved	Design/Scoping		
11-EGL-008-CP	Transmission Reliability - Meeting Planning Criteria	Francis 69 kV substation - Add 14.4 MVAR, 69 kV capacitor bank (Previously considered Marydale as alternative location)	EGSL	2013 Summer	Approved	Design/Scoping		
11-EGL-015-1-CP	Transmission Service	Acadia Generation - Reconfigure Richard 138 kV substation (Upgrade cks 3 and 4 and Richard relaying work)	EGSL	2013 Summer	Approved	Complete	5/15/12	
11-EGL-015-3-CP	Transmission Service	Acadia Generation - Upgrade Moril to Hopkins 138 kV line	EGSL	2013 Summer	Approved	Design/Scoping		

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11-EGL-015-4-CP	Transmission Service	Acadia Generation - Upgrade 69 kV breaker at Scott 18220	EGSL	2013 Summer	Approved	Design/Scoping		
12-EGL-003-CP	Transmission Reliability - Meeting Planning Criteria	Champagne to Plaisance 138 kV line - Modify/Replace CTs at Champagne	EGSL	2013 Summer	Approved	Design/Scoping		
11-EGL-012-CP	Transmission Reliability - Meeting Planning Criteria	Carlyss to Nelson 230 kV: Upgrade station equipment at Carlyss	EGSL	2013 Winter	Approved	Complete	6/9/11	
11-EGL-016-01-CP	Transmission Reliability - Meeting Planning Criteria	Mossville to Canal - Phase 1: Upgrade 69 kV Line	EGSL	2013 Winter	Proposed & In Target	Design/Scoping		Project split into two phases. Formerly 11-EGL-016-CP
12-EGL-015-CP	Economic	Willow Glen to Conway - Construct new 230 kV line	EGSL	2014 Spring	Approved	Design		Project ISD moved from 2013 Winter to 2014 Spring
11-EGL-016-02-CP	Transmission Reliability - Meeting Planning Criteria	Mossville to Canal - Phase 2: Upgrade 69 kV Line	EGSL	2014 Winter	Proposed & In Target	Design/Scoping		Project split into two phases. Formerly 11-EGL-016-CP
12-EGL-008-CP	Transmission Reliability - Meeting Planning Criteria	Copol to Bourbeaux: Upgrade 69 kV line	EGSL	2014 Winter	Approved	Design/Scoping		
12-EGL-006-CP	Transmission Reliability - Meeting Planning Criteria	Bronco - New 230 kV distribution substation (Formerly called Zachery)	EGSL	2017 Summer	Proposed & In Target	Design/Scoping		
12-EGL-004-CP	Transmission Reliability - Meeting Planning Criteria	McManus to Brady Heights - Upgrade 69 kV line	EGSL	2017 Winter	Proposed & In Target	Design/Scoping		
11-EGL-002-CP	Transmission Reliability - Meeting Planning Criteria	Harelson to Gloria - upgrade 69 kV line	EGSL	2018 Summer	Proposed & In Target	Design/Scoping		
11-EGL-017-CP	Transmission Reliability - Meeting Planning Criteria	Five Points to Line Tap 281 to Line 247 Tap- Upgrade 69 kV line	EGSL	2018 Winter	Proposed & In Target	Design/Scoping		
10-EGL-010-CP	Transmission Reliability - Meeting Planning Criteria	Loblolly-Hammond Build 230 kV Line	EGSL/ELL	2012 Summer	Approved	Complete	12/16/11	
11-EGL-010-CP	Transmission Reliability - Meeting Planning Criteria	Sorrento Upgrade 138/115 kV Auto and upgrade Gonzales - Sorrento 138 kV Line	EGSL/ELL	2014 Summer	Approved	Design/Scoping		
10-ELL-010-1-CP	Transmission Service	Ouachita Transmission Service Split Sterlington 115 kV bus and replace 500-115 auto #2 with 750 MVA	ELL	2012 Summer	Approved	Complete	3/12/12	
10-ELL-010-4-CP	Transmission Service	Ouachita Transmission Service Upgrade Sterlington to Log Cabin 115 kV line	ELL	2012 Summer	Approved	Complete	12/20/11	
10-ELL-010-5-CP	Transmission Reliability - Meeting Planning Criteria	Ouachita Transmission Service Loop Sterlington to North Crossett into North Bastrop	ELL	2012 Summer	Approved	Complete	6/15/11	
12-ELL-001-CP	Transmission Reliability - Meeting Planning Criteria	Gypsy to Luling: Upgrade line bay bus and jumpers at Luling	ELL	2012 Summer	Approved	Complete	12/22/11	
10-ELL-007-CP	Transmission Reliability - Meeting Planning Criteria	Southeast LA Coastal Improvement Plan: Phase 2 Build Peters Road-Oakville 230kV Line and Substation	ELL	2012 Fall	Approved	Complete	9/6/12	
10-ELL-010-2-CP	Transmission Service	Ouachita Transmission Service Upgrade Walnut Grove to Swartz 115 kV line	ELL	2013 Spring	Approved	Complete	4/17/12	
10-ELL-008-CP	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	2013 Summer	Approved	Design/Construction		Routing issues may result in potential delay to spring 2014
11-ELL-003-1-CP	Transmission Reliability - Meeting Planning Criteria	NE Louisiana Improvement Project - Phase 1 Swartz to Oakridge - Construct new 115 kV Line (1272 ACSS) Operate Sterlington to Oakridge normally open	ELL	2013 Summer	Approved	Design/Construction		
13-ELL-001-CP	Transmission Reliability - Meeting Planning Criteria	Golden Meadow to Barataria: Upgrade switch	ELL	2013 Summer	Proposed & In Target	Design/Scoping		
13-ELL-002-CP	Transmission Reliability - Meeting Planning Criteria	Napoleonville 115 kV Substation: Add 20.4 MVAR Capacitor Bank	ELL	2013 Summer	Proposed & In Target	Design/Scoping		
11-ELL-002-CP	Transmission Reliability - Meeting Planning Criteria	Mt. Olive: Add Shunt Reactor	ELL	2013 Winter	Approved	Design/Scoping		
11-ELL-001-CP	Enhanced Transmission Reliability	Golden Meadow to Leeville 115 kV - Rebuild/relocate 115 kV transmission line	ELL	2014 Spring	Approved	Design/Scoping		Routing issues resulting in delay from Winter to Spring
11-ELL-003-2-CP	Transmission Reliability - Meeting Planning Criteria	NE Louisiana Improvement Project - Phase 2 Oakridge to new Dunn Substation - Construct new 115 kV Line (1272 ACSS) Add 115 kV breakers at Dunn	ELL	2014 Summer	Approved	Design/Scoping		

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13-ELL-003-CP	Transmission Reliability - Meeting Planning Criteria	Hedge area voltage support: Source Jonesboro substation from Danville	ELL	2014 Summer	Proposed & In-Target	Design/Scoping		Project being replaced with Distribution Project to add transformation at Danville and distribution ckt improvements
11-ELL-009-1-CP	Generation Interconnection	NM6: Modify Ninemile switchyard for interconnection	ELL	2014 Winter	Approved	Design/Scoping		
11-ENO-001-CP	Generation Interconnection	NM6: Upgrade Michoud breaker N9803	ENOI	2014 Winter	Approved	Design/Scoping		Changed Construction Plan ID to reflect project in ENOI rather than ELL
11-ELL-010-1-CP	Transmission Service	NM6: Upgrade Ninemile to Southport 230 kV transmission line No.1	ELL	2014 Winter	Approved	Design/Scoping		
11-ELL-010-2-CP	Transmission Service	NM6: Upgrade Ninemile to Southport 230 kV transmission line No.2	ELL	2014 Winter	Approved	Design/Scoping		
10-ELL-009-CP	Transmission Reliability - Meeting Planning Criteria	Iron Man to Tezcoco 230 kV line - Construct new line	ELL	2015 Summer	Approved	Design/Construction		
11-ELL-005-CP	Transmission Reliability - Meeting Planning Criteria	Mt. Olive to Arcadia Project Phase 4 -Add 115 kV breakers at Arcadia for future Mt. Olive to Arcadia line	ELL	2015 Summer	Proposed & In-Target	Design/Scoping		Removed and combined with 11-ELL-011 in Horizon Plan. Separate project not required to address ICT 100 MW rule
11-ELL-012-CP	Transmission Reliability - Meeting Planning Criteria	Valentine to Clovelly 115 kV upgrade	ELL	2015 Summer	Proposed & In-Target	Design/Scoping		
13-ELL-004-CP	Transmission Reliability - Meeting Planning Criteria	Minden Improvement Project Ph 1-Place cap bank at Minden REA	ELL	2015 Summer	Proposed & In-Target	Design/Scoping		
11-ELL-004-CP	Transmission Reliability - Meeting Planning Criteria	Northeast LA Improvement Project Phase 3 Upgrade Sterlington to Oakridge to Dunn 115 kV Line	ELL	2015 Summer	Proposed & In-Target	Design/Scoping		
10-EMI-012-1-CP	Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Rebuild Lakeover - Ridgeland Line	EMI	2012 Summer	Approved	Complete	5/30/12	
10-EMI-012-2-CP	Transmission Reliability - Meeting Planning Criteria	Ridgeland-Madison Reliability Improvement Build Lakeover - Sunnybrook - Northpark 115 kV Line	EMI	2012 Summer	Approved	Complete	5/30/12	
10-EMI-013-CP	Transmission Service	Ouachita Transmission Service Move Sterlington 600 MVA auto to Baxter Wilson 500 (Second 500-115 kV auto)	EMI	2012 Summer	Approved	Complete	6/26/12	
10-EMI-014-1-CP	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	2012 Summer	Approved	Complete	6/11/12	
10-EMI-014-2-CP	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	2012 Summer	Approved	Complete	6/11/12	
12-EMI-003-CP	Transmission Reliability - Meeting Planning Criteria	Northeast Jackson to Klean Steel - Upgrade CT and Jumpers/Risers at NE Jackson	EMI	2012 Summer	Approved	Complete	12/7/11	
11-EMI-004-CP	Transmission Reliability - Meeting Planning Criteria	Ray Braswell to West Jackson 115 kV line: Reconductor line	EMI	2012 Winter	Approved	Design		Delayed to winter due to construction feasibility
10-EMI-017-CP	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 Summer	Approved	Construction		
10-EMI-018-CP	Transmission Reliability - Meeting Planning Criteria	Getwell to Church Road 230 kV construct new 230 kV Transmission Line	EMI	2013 Summer	Approved	Design		
13-EMI-001-CP	Transmission Reliability - Meeting Planning Criteria	Upgrade CTs at Vicksburg for Vicksburg-B.Wilson ckt 1 (ckt without Spencer Potash on it)	EMI	2013 Summer	Proposed & In-Target	Design		
13-EMI-006-CP	Enhanced Transmission Reliability	Bolton 115 kV Substation: Add 115 kV breakers	EMI	2013 Summer	Proposed & In-Target	Design		
13-EMI-004-CP	Transmission Service	SMEPA Plum Point Transmission Service: Horn Lake to Greenbrook 115 kV line: Upgrade station equipment at Horn Lake	EMI	2013 Summer	Approved	Design		
11-EMI-002-CP	Transmission Reliability - Meeting Planning Criteria	Baxter Wilson to S.E. Vicksburg - Upgrade 115 kV line	EMI	2015 Summer	Proposed & In-Target	Design/Scoping		
11-EMI-007-CP	Transmission Reliability - Meeting Planning Criteria	Breakers at Hollandale and Belzoni (close normally-open point)	EMI	2015 Summer	Proposed & In-Target	Design/Scoping		

Entergy 2013-2017 Draft Construction Plan Update 3

		2013 - 2017 Draft Construction Plan Update 2						
		New Project						
		Modified						
		Removed						
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2012 Funding Comments	Project Status	Actual ISD	Other Comments
12-EMI-002-1-CP	Transmission Reliability - Meeting Planning Criteria	Getwell Area Improvements Construct new Senatobia Industrial substation. Cut in Senatobia to Sardis 115 kV line into new substation and add new 230-115 kV autotransformer	EMI	2016 Summer	Proposed & In Target	Design/Scoping		
12-EMI-002-2-CP	Transmission Reliability - Meeting Planning Criteria	Getwell Area Improvements Construct new 230 kV line from Getwell to new Senatobia Industrial 230-115 kV substation.	EMI	2016 Summer	Proposed & In Target	Design/Scoping		
12-EMI-001-CP	Transmission Reliability - Meeting Planning Criteria	Franklin - McComb build new 115 kV line (constructed to 230 kV) Also upgrade all substation elements along Tylertown to McComb 115 kV line to provide a minimum 1000A rating.	EMI	2017 Summer	Proposed & In Target	Design/Scoping		
13-EMI-002-CP	Transmission Reliability - Meeting Planning Criteria	Durant: Add Capacitor Bank	EMI	2017 Summer	Proposed & In Target	Design		
14-EMI-006-CP	Transmission Reliability - Meeting Planning Criteria	Reconductor E.Vicksburg-Edwards 115kV	EMI	2018 Summer	Proposed & In Target	Design		Moved to Target Area
11-ETI-004-CP	Transmission Reliability - Meeting Planning Criteria	Elizabeth to Gallier - Uprate 69 kV line 2.5 miles	ETI	2012 Summer	Approved	Complete	9/14/11	
11-ETI-006-CP	Transmission Reliability - Meeting Planning Criteria	Somerville 69 kV Substation: Add capacitor bank	ETI	2012 Summer	Approved	Complete	5/15/12	
12-ETI-015-CP	Enhanced Transmission Reliability	College Station SS: Create emergency tie point with ERCOT (asynchronous)	ETI	2012 Fall	Approved	Construction		Projected ISD moved to Fall 2012. Entergy has completed all possible work and is waiting on the City of College Station to complete their work.
11-ETI-003-CP	Transmission Reliability - Meeting Planning Criteria	Deweyville (JNEC) - Add 69 kV capacitor bank	ETI	2013 Spring	Proposed & In Target	Design/Scoping		
10-ETI-017-CP	Transmission Reliability - Meeting Planning Criteria	Jasper to Rayburn 138 kV line: Upgrade line to 100 deg C design	ETI	2013 Summer	Approved	Design/Scoping		Clarified project description
11-ETI-008-01-CP	Transmission Reliability - Meeting Planning Criteria	Plantation to Conroe 138 kV line: Upgrade station equipment at Plantation	ETI	2013 Summer	Approved	Construction		
11-ETI-008-CP	Transmission Reliability - Meeting Planning Criteria	Cedar Hill to Plantation 138 kV line: Upgrade line conductor and station equipment at Plantation	ETI	2013 Summer	Approved	Construction		
11-ETI-036-CP	Transmission Reliability - Meeting Planning Criteria	Plantation to Conroe 138 kV line: Reconductor Line	ETI	2013 Summer	Approved	Construction		
11-ETI-041-CP	Transmission Reliability - Meeting Planning Criteria	Eastgate to Dayton Bulk: Upgrade terminal equipment at Eastgate (formerly reconductor)	ETI	2013 Summer	Proposed & In Target	Design/Scoping		
11-ETI-043-CP	Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at Calvert 69kV	ETI	2013 Summer	Approved	Design/Scoping		
12-ETI-003-CP	Transmission Reliability - Meeting Planning Criteria	Bentwater Substation: Add 138 kV Capacitor Bank	ETI	2013 Summer	Approved	Design/Scoping		
12-ETI-004-CP	Transmission Reliability - Meeting Planning Criteria	Ponderosa Switching Station: tie lines Longmire to Fish Creek and Conroe to Woodhaven into new switching station	ETI	2013 Summer	Proposed & In Target	Design/Scoping		
11-ETI-009-CP	Transmission Reliability - Meeting Planning Criteria	Toledo Bend to Leach 138 kV line: Upgrade station equipment at Toledo Bend	ETI	2013 Winter	Approved	Complete	11/28/11	
11-ETI-010-CP	Transmission Reliability - Meeting Planning Criteria	Leach to Newton Bulk 138 kV line: Upgrade terminal equipment at Newton Bulk	ETI	2013 Winter	Proposed & In Target	Design/Scoping		
13-ETI-010-01-CP	Transmission Reliability - Meeting Planning Criteria	Pansy to Lovells Lake 69 kV line: Upgrade line to 100 deg design	ETI	2013 Winter	Proposed & In Target	Design/Scoping		New Project
13-ETI-010-02-CP	Transmission Reliability - Meeting Planning Criteria	Lovells Lake to Texas Hillebrandt 69 kV line: Upgrade line to 100 deg design	ETI	2013 Winter	Proposed & In Target	Design/Scoping		New Project
13-ETI-011-CP	Transmission Reliability - Meeting Planning Criteria	Lewis Creek to Egypt 138 kV line: Reconductor	ETI	2014 Summer	Proposed & In Target	Design/Scoping		New Project
11-ETI-042-CP	Transmission Reliability - Meeting Planning Criteria	Expand Cap Bank at New Caney 138kV	ETI	2014 Summer	Proposed & In Target	Design/Scoping		Accelerated one year
11-ETI-039-CP	Transmission Reliability - Meeting Planning Criteria	Upgrade Jacinto - Splendor 138 kV Line	ETI	2015 Summer	Proposed & In Target	Design/Scoping		

Entergy 2013-2017 Draft Construction Plan Update 3

		2013 - 2017 Draft Construction Plan Update 2						
		New Project						
		Modified						
		Removed						
Construction Plan ID	Project Driver	Project Name	LE	Proposed ISD (Planning)	2012 Funding Comments	Project Status	Actual ISD	Other Comments
12-ETI-007-CP	Transmission Reliability - Meeting Planning Criteria	Alden 138 kV Substation: Add Capacitor Bank	ETI	2015 Summer	Proposed & In Target	Design/Scoping		
13-ETI-001-CP	Transmission Reliability - Meeting Planning Criteria	Porter Var Support: Add 36 MVAR capacitor bank at Porter	ETI	2015 Summer	Proposed & In Target	Design/Scoping		
11-ETI-018-CP	Transmission Reliability - Meeting Planning Criteria	Construct new China to Amelia 230kV line	ETI	2016 Summer	Proposed & In Target	Design/Scoping		
11-ETI-020-CP	Transmission Reliability - Meeting Planning Criteria	Hickory Ridge-Eastgate 138kV: Upgrade terminal equipment at Eastgate	ETI	2016 Summer	Proposed & In Target	Design/Scoping		
11-ETI-026-CP	Transmission Reliability - Meeting Planning Criteria	Upgrade Splendor to Apollo 138 kV Line	ETI	2016 Summer	Proposed & In Target	Design/Scoping		Moved to Horizon Plan due to Ponderosa to Grimes Project
13-ETI-009-01-CP	Transmission Reliability - Meeting Planning Criteria	Ponderosa to Grimes: Construct new 230 kV Line Add 345-230 kV Auto at Grimes Add 230-138 kV Auto at Ponderosa	ETI	2016 Summer	Approved	Design/Scoping		New Project. Replaces 12-ETI-002-CP, 11-ETI-014-HZ, 11-ETI-013-HZ, and 12-ETI-016-HZ
13-ETI-009-02-CP	Transmission Reliability - Meeting Planning Criteria	Conroe to Ponderosa 138 kV line: Upgrade Line	ETI	2016 Summer	Proposed & In Target	Design/Scoping		New Project. Replaces 12-ETI-002-CP, 11-ETI-014-HZ, 11-ETI-013-HZ, and 12-ETI-016-HZ
11-ETI-019-CP	Transmission Reliability - Meeting Planning Criteria	Cut Line 871 Jacinto to Splendor 138 kV line into the Cleveland 138 kV substation.	ETI	2017 Summer	Proposed & In Target	Design/Scoping		Moved to Target Areas
11-ETI-023-CP	Transmission Reliability - Meeting Planning Criteria	Orange County 230kV Project: Construct new Chisholm Road 230 kV substation, Construct new line from Hartburg to Chisholm Road, add 2nd Hartburg 500-230 kV auto	ETI	2017 Summer	Proposed & In Target	Design/Scoping		
11-ETI-033-CP	Transmission Reliability - Meeting Planning Criteria	Toledo Bend to Leach 138 kV - Upgrade line	ETI	2017 Summer	Proposed & In Target	Design/Scoping		Project may have to be accelerated. Dependent on timing of Proposed DETEC Tie Project
11-ETI-002-CP	Transmission Reliability - Meeting Planning Criteria	Reconductor Sabine to Port Neches Bulk (Line 515)	ETI	2017 Summer	Proposed & In Target	Design/Scoping		
12-ETI-009-CP	Transmission Reliability - Meeting Planning Criteria	Sabine: Upgrade terminal equipment (Sabine to Big 3 line)	ETI	2017 Summer	Proposed & In Target	Design/Scoping		
11-ETI-016-CP	Transmission Reliability - Meeting Planning Criteria	Add 2nd Cypress Auto 500/138kV	ETI	2018 Summer	Proposed & In Target	Design/Scoping		Moved to Horizon Plan due to Orange County Project
11-ETI-022-CP	Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan - Add Alden SVC	ETI	2018 Summer	Proposed & In Target	Design/Scoping		Moved to Target Area. Need addressed by Project -----
13-ETI-012-CP	Transmission Reliability - Meeting Planning Criteria	Construct new Porter to Forest 138 kV transmission line - Construct new line from Porter to Oakridge area and tie into de-energized line 403 - Terminate line 403 into Forest 138 kV substation	ETI	2016 Summer	Proposed & In Target	Design/Scoping		Project eliminates need for WRRIP-Add Alden SVC 11-ETI-022-CP
11-ETI-034-CP	Transmission Reliability - Meeting Planning Criteria	Leach to Newton Bulk 138 kV - Reconductor line	ETI	2018 Summer	Proposed & In Target	Design/Scoping		Project may move to Target Area. Dependent on Proposed DETEC Tie Project
11-ETI-037-CP	Transmission Reliability - Meeting Planning Criteria	Construct new China to Stowell 138 kV line	ETI	2018 Summer	Proposed & In Target	Design/Scoping		
11-ETI-038-CP	Transmission Reliability - Meeting Planning Criteria	Reconductor Sabine to Port Neches Bulk (via Linde Line 516)	ETI	2018 Summer	Proposed & In Target	Design/Scoping		
12-ETI-014-CP	Transmission Reliability - Meeting Planning Criteria	Amelia to Helbig: Reconductor Line	ETI	2018 Summer	Proposed & In Target	Design/Scoping		
13-ETI-013-CP	Transmission Reliability - Meeting Planning Criteria	Egypt to Panorama 138 kV Line: Reconductor line	ETI	2018 Summer	Proposed & In Target	Design/Scoping		New Project



Addendum

Horizon Projects [Beyond Construction Plan]

Horizon Projects are projects identified in the annual 10 year reliability assesment but are not included in the current five year construction plan window. Final project scopes and timing may vary in future assessments.

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Horizon Projects are projects identified in the annual 10 year reliability assesment but are not included in the current five year construction plan window. Final project scopes and timing may vary in future assessments.						
Horizon Project ID	Project Driver	Project Name	LE	Proposed Planning ISD	Project Status	Other Comments
12-EAI-011-HZ	Transmission Reliability - Meeting Planning Criteria	Paragould-Paragould South: Reconductor 161kV line	EAI	2020 Summer	Conceptual	
12-EAI-012-HZ	Transmission Reliability - Meeting Planning Criteria	LR Boyle Park-LR West: Upgrade Terminal Equipment	EAI	2020 Summer	Conceptual	
12-EAI-013-HZ	Transmission Reliability - Meeting Planning Criteria	LR Mann Road-LR Chicot: Upgrade Terminal Equipment	EAI	2020 Summer	Conceptual	
12-EAI-033-HZ	Transmission Reliability - Meeting Planning Criteria	Hergett: Add 36 MVAR Capacitor Bank	EAI	2020 Summer	Conceptual	
12-EAI-034-HZ	Transmission Reliability - Meeting Planning Criteria	Jonesboro to Jonesboro SPA reconductor line	EAI	2020 Summer	Conceptual	
13-EAI-006-HZ	Transmission Reliability - Meeting Planning Criteria	Cabot: Install 21.6 MVAR capacitor bank	EAI	2020 Summer	Conceptual	
13-EAI-005-HZ	Transmission Reliability - Meeting Planning Criteria	Bryant: Install 21.6 MVAR capacitor bank	EAI	2021 Summer	Conceptual	
12-EGL-010-HZ	Transmission Reliability - Meeting Planning Criteria	New Iberia: Add 138-69 kV transformer	EGSL	2018 Summer	Conceptual	
12-EGL-001-HZ	Transmission Reliability - Meeting Planning Criteria	Juban: Construct a new 230 kV Distribution substation. (Formerly called Lockhart)	EGSL	2020 Summer	Conceptual	Dependent of future block load addition
12-EGL-009-HZ	Transmission Reliability - Meeting Planning Criteria	Harleson to 372A Tap: Upgrade line	EGSL	2020 Summer	Conceptual	
13-EGL-002-HZ	Transmission Reliability - Meeting Planning Criteria	Lake Arthur 69 kV: Move normally open point	EGSL	2020 Summer	Conceptual	
11-EGL-007-HZ	Transmission Reliability - Meeting Planning Criteria	Moril to Delcambre 138 kV line: Upgrade station equipment	EGSL	2021 Summer	Conceptual	
11-EGL-018-HZ	Transmission Reliability - Meeting Planning Criteria	Francis to Marydale: Upgrade 69 kV line	EGSL	2023 Summer	Conceptual	
13-EGL-001-HZ	Transmission Reliability - Meeting Planning Criteria	Serpent 69 kV Substation: Upgrade capacitor bank to 11.2 MVAR	EGSL	2023 Summer	Conceptual	
11-ELL-011-HZ	Transmission Reliability - Meeting Planning Criteria	Mt. Olive to Arcadia Project Construct new 230 kV line (operate at 115 kV) from Mt. Olive to Arcadia Add 115 kV breakers at Arcadia (formerly separate CP project 11-ELL-005-CP)	ELL	2020 Summer	Conceptual	Included former project 11-ELL-005-CP into overall project. Modified project description
13-ELL-006-HZ	Transmission Reliability - Meeting Planning Criteria	Ninemile to Westwego 115 kV: Reconductor Line	ELL	2020 Summer	Conceptual	New Project
13-ELL-007-HZ	Transmission Reliability - Meeting Planning Criteria	Amite 230-115 kV Auto: Change tap to 224.25	ELL	2020 Winter	Conceptual	New Project
13-ELL-005-HZ	Transmission Reliability - Meeting Planning Criteria	Vienna to Ruston Frazier Road 115 kV Line 173: Upgrade metering CTs at Ruston	ELL	2023 Summer	Conceptual	
13-EMI-005-HZ	Transmission Reliability - Meeting Planning Criteria	Charity Church 230 kV: Add Capacitor Bank	EMI	2020 Summer	Conceptual	
12-ETI-006-HZ	Transmission Reliability - Meeting Planning Criteria	Kolbs 230 kV - Add capacitor bank	ETI	2018 Summer	Conceptual	
12-ETI-017-HZ	Transmission Reliability - Meeting Planning Criteria	Gulfway 230 kV substation: Upgrade equipment on VFW Park 230 kV line bay	ETI	2018 Summer	Conceptual	
13-ETI-003-HZ	Transmission Reliability - Meeting Planning Criteria	Port Acres Bulke 230 kV: Add Capacitor Banks	ETI	2018 Summer	Conceptual	Moved to Target Area
12-ETI-010-HZ	Transmission Reliability - Meeting Planning Criteria	Buna: Add capacitor bank	ETI	2018 Winter	Conceptual	
11-ETI-026-HZ	Transmission Reliability - Meeting Planning Criteria	Upgrade Splendora to Apollo 138 kV Line	ETI	2019 Summer	Proposed & In Target	Moved from Construction Plan due to Ponderosa to Grimes Project
12-ETI-011-HZ	Transmission Reliability - Meeting Planning Criteria	Buna to Evadale: Upgrade Line	ETI	2019 Winter	Conceptual	
11-ETI-017-HZ	Transmission Reliability - Meeting Planning Criteria	Add Cap Bank at Huntsville 138kV	ETI	2020 Summer	Conceptual	Moved to Target Area

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Horizon Projects are projects identified in the annual 10 year reliability assesment but are not included in the current five year construction plan window. Final project scopes and timing may vary in future assessments.						
Horizon Project ID	Project Driver	Project Name	LE	Proposed Planning ISD	Project Status	Other Comments
13-ETI-004-HZ	Transmission Reliability - Meeting Planning Criteria	Porter Substation: Upgrade line bay bus	ETI	2020 Summer	Conceptual	Moved to Target Area
13-ETI-014-HZ	Transmission Reliability - Meeting Planning Criteria	Panorama to Longmire 138 kV Line: Reconductor	ETI	2020 Summer	Conceptual	New Project
13-ETI-005-HZ	Transmission Reliability - Meeting Planning Criteria	Rayburn to Fork Creek: Upgrade to 100 deg C	ETI	2021 Summer	Conceptual	
13-ETI-006-HZ	Transmission Reliability - Meeting Planning Criteria	Staley: Add 25.1 MVAR Cap Bank	ETI	2021 Summer	Conceptual	
13-ETI-007-HZ	Transmission Reliability - Meeting Planning Criteria	Western Region Reliability Improvement Plan Phase 3 Final Construct new Cypress to Jacinto 230 kV Line with series compensation	ETI	2021 Summer	Conceptual	
13-ETI-015-HZ	Transmission Reliability - Meeting Planning Criteria	Eastgate 138 kV Substation: Add 37.7 MVAR Capacitor Bank	ETI	2021 Summer	Conceptual	New Project
13-ETI-016-HZ	Transmission Reliability - Meeting Planning Criteria	Ponderosa to Fish Creek 138 kV: Reconductor	ETI	2021 Summer	Conceptual	New Project
11-ETI-016-HZ	Transmission Reliability - Meeting Planning Criteria	Add 2nd Cypress Auto 500/138kV	ETI	2021 Summer	Conceptual	Moved from Construction Plan due to Orange County Project
12-ETI-008-HZ	Transmission Reliability - Meeting Planning Criteria	Upgrade Apollo to Porter 138 kV	ETI	2021 Summer	Conceptual	Accelerated 2 years
13-ETI-017-HZ	Transmission Reliability - Meeting Planning Criteria	Amelia - Helbig 230 kV line: Upgrade station equipment at Amelia and Helbig to a minimum of 996 MVA	ETI	2022 Summer	Conceptual	New Project
11-ETI-040-HZ	Transmission Reliability - Meeting Planning Criteria	Helbig to Chisolm Road - Reconductor with ACCC	ETI	2022 Summer	Conceptual	Changed Project Title
12-ETI-001-HZ	Transmission Reliability - Meeting Planning Criteria	Winshire 69 kV: Add capacitor bank	ETI	2023 Summer	Conceptual	
12-ETI-005-HZ	Transmission Reliability - Meeting Planning Criteria	Upgrade New Caney to Hickory Ridge 138 kV	ETI	2023 Summer	Conceptual	Moved to Target Area
12-ETI-013-HZ	Transmission Reliability - Meeting Planning Criteria	Stonegate: Add capacitor bank	ETI	2023 Summer	Conceptual	
13-ETI-008-HZ	Transmission Reliability - Meeting Planning Criteria	Fork Creek to Turkey Creek: Upgrade to 100 deg C	ETI	2023 Summer	Conceptual	
13-ETI-018-HZ	Transmission Reliability - Meeting Planning Criteria	Dobbins 138 kV Substation: Add 25.1 MVAR capacitor bank	ETI	2023 Summer	Conceptual	New Project
13-ETI-019-HZ	Transmission Reliability - Meeting Planning Criteria	Bragg 138 kV Substation: Cut in Cypress to Rye 138 kV line	ETI	2023 Summer	Conceptual	New Project
12-ETI-012-HZ	Transmission Reliability - Meeting Planning Criteria	Rayburn to Mill Creek: Upgrade Line	ETI	2023 Winter	Conceptual	



Addendum

Target Areas

Target areas are areas of interest that may require reliability improvements beyond the 10 year planning horizon.

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Target areas are areas of interest that may require reliability improvements beyond the 10 year planning horizon.					
Project Driver	Project Name	LE	Proposed Planning ISD	Project Status	Other Comments
Transmission Reliability - Meeting Planning Criteria	Bull Shoals - Midway 161 kV Line: Upgrade	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	El Dorado Upland - Texas Eastern F: New Line/ Texas Eastern F - TEF SS: Reconductor Line	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Gobel Substation build at crossing point, Wabbaskeka Cap Bank, ULM Cap Bank - scope 2008 (Marvel South)	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Gum Springs - Amity 115 kV Line: Construct New Line	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Gum Springs Area: Construct Switching Station	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Highland 161 kV: Add 24 MVAR Cap Bank	EAI	TBD	Conceptual	Formerly 11-EAI-023-HZ.
Transmission Reliability - Meeting Planning Criteria	Holland Bottoms - Searcy Price Construct new line	EAI	TBD	Conceptual	Formerly 12-EAI-030
Transmission Reliability - Meeting Planning Criteria	Holland Bottoms - Ward 115kV Line Install Breakers at AECC Ward or Construct New N.O. Line	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Jonesboro Area: Construct New 500/161 kV Substation	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Lake Village Bagby - Macon 115 kV Line: Upgrade	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Russellville East - Russellville North 161kV Line: Upgrade	EAI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Trumann-Trumann West- Upgrade 161 kV Line	EAI	TBD	Conceptual	Formerly 11-EAI-021-CP
Transmission Reliability - Meeting Planning Criteria	Mabelvale-LR Kanis 115kV Reconductor	EAI	TBD	Conceptual	Formerly 11-EAI-019-CP
Transmission Reliability - Meeting Planning Criteria	LR South-LR Rock Creek: Upgrade Terminal Equipment	EAI	TBD	Conceptual	Formerly 12-EAI-002-HZ
Transmission Reliability - Meeting Planning Criteria	Mayflower - Morgan 115 kV Line: Upgrade	EAI	TBD	Conceptual	Formerly 11-EAI-020-HZ
Transmission Reliability - Meeting Planning Criteria	Addis 69 kV loop improvement: Upgrade both 138-69 kV autotransformers and upgrade 69 kV line (Bourbeaux to Turnerville)	EGSL	EGSL	Conceptual	Formerly 11-EGL-019-CP
Transmission Reliability - Meeting Planning Criteria	Carlyss: Upgrade existing 230-69 kV autos or add a third auto	EGSL	EGSL	Conceptual	Formerly 12-EGL-002-CP
Transmission Reliability - Meeting Planning Criteria	Catalyst 69 kV Substation: Add capacitor bank	EGSL	EGSL	Conceptual	Formerly 12-EGL-007-CP
Transmission Reliability - Meeting Planning Criteria	Champagne - Add 138 kV Capacitor Bank	EGSL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Colonial Springs: Add capacitor bank	EGSL	TBD	Conceptual	Formerly 12-EGL-013-HZ
Transmission Reliability - Meeting Planning Criteria	Construct new 69 kV line from Mossville to Alfol	EGSL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Convert Sunset Substation to 138 kV: Cut in Scott to East Opelousa 138 kV line.	EGSL	TBD	Conceptual	Formerly 12-EGL-005-HZ
Transmission Reliability - Meeting Planning Criteria	Greenwell Springs area reconfiguration (Coly-Polyform-Denham Springs)	EGSL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Lawtag-Jennings: Upgrade 69kV line	EGSL	TBD	Conceptual	

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Target areas are areas of interest that may require reliability improvements beyond the 10 year planning horizon.					
Project Driver	Project Name	LE	Proposed Planning ISD	Project Status	Other Comments
Transmission Reliability - Meeting Planning Criteria	LC Bulk - Chlomal 69 kV Line: Reconductor line	EGSL	EGSL	Conceptual	Formerly 11-EGL-003-CP
Transmission Reliability - Meeting Planning Criteria	LC Bulk: Construct 230 kV facilities and add 230-69 kV autotransformer (LC Loop Improvement Ph 2)	EGSL	TBD	Conceptual	Formerly 12-EGL-012-HZ
Transmission Reliability - Meeting Planning Criteria	Louisiana Station to Thomas 138 kV Upgrade Line	EGSL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Solac - Upgrade 230-69 kV Autos or add 3rd transformer	EGSL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Arcadia to Sailes - Construct new 230 kV line (operate at 115 kV)	ELL	TBD	Conceptual	Formerly 11-ELL-013-HZ
Transmission Reliability - Meeting Planning Criteria	North Louisiana Improvement Project Phase 4 Sacksonia to Winnsboro: Construct New 115 kV Line	ELL	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	DSG Reliability Improvements: Phase 3	ELL/ENOI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Edwards to Bolton: Reconductor line	EMI	TBD	Conceptual	Formerly 13-EMI-003-HZ
Transmission Reliability - Meeting Planning Criteria	Gerald Andrus - Add 2nd 230-115 kV autotransformer	EMI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Upgrade South Jackson - East Jackson 115kV line	EMI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Reconductor E.Vicksburg-Edwards 115kV	EMI	TBD	Conceptual	Formerly 11-EMI-006-CP
Transmission Reliability - Meeting Planning Criteria	Paterson: Install 230/115 kV Auto	ENOI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Construct new Jacinto to Porter 230 kV line and add 2nd auto at Porter	ETI	TBD	Conceptual	
Transmission Reliability - Meeting Planning Criteria	Liberty Sub: Add 25.1 MVAR Capacitor Bank	ETI	TBD	Conceptual	Formerly 13-ETI-002-CP
Transmission Reliability - Meeting Planning Criteria	Cut Line 871 Jacinto to Splendora 138 kV line into the Cleveland 138 kV substation.	ETI	TBD	Conceptual	Formerly 11-ETI-019-CP
Transmission Reliability - Meeting Planning Criteria	Port Acres Bulke 230 kV: Add Capacitor Banks	ETI	TBD	Conceptual	Formerly 13-ETI-003-HZ