

ICT 2010 BASE PLAN

Final (Update 0) - January 2010

Final (Update 1) - February 2010

Final (Update 2) - March 2010

TABLE 1: ICT 2010 Base Plan Update 2 Project List

Projects with construction start dates within the next three (3) years.

Entergy Final 2010-2012 Construction Plan Update 1- for comparison only

As Posted on Entergy's OASIS 03-08-2010

ICT Project No.	ICT Project Name	Entergy LE	ICT Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
RELIABILITY PROJECTS				CP (others) Section					
BP-09-033	Donaghey - Conway South: Reconductor with 666 ACSS	EAI		Donaghey - Conway South 161 kV Line: Reconductor with 666 ACSS	EAI	Spring 2010	Approved	Construction	Increase Load Serving capability in Conway Area
BP-09-059	SMEPA (Plum Point): * Dell - Manilla 161kV Line: Upgrade to at least 247MVA * Manilla - Monette 161kV Line: Upgrade to at least 247MVA [COMPLETE] * Jonesboro North - Paragould South 161kV Line: Upgrade to at least 247MVA [COMPLETE] * Jonesboro North - Jonesboro 161kV Line: Upgrade to at least 247MVA	EAI		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	Spring 2010	Approved	Construction	Transmission service Jonesboro North to Paragould South 161 kV Upgrade COMPLETE Manilla to Monette 161 kV Upgrade COMPLETE
BP-10-001	Beebe 115 kV Substation: Install 21.6 MVAR Capacitor Bank	EAI	Displaces Ward Capacitor BP-08-011	Beebe 115 kV Substation: Install 21.6 MVAR Capacitor Bank	EAI	Spring 2010	Approved	Design/Scoping	Project to address ICT 100 MW rule
BP-10-002	Melbourn - Sage 161 kV Line: Upgrade line to at least 1200 A	EAI		Melbourn - Sage 161 kV Line: Upgrade line to at least 1200 A	EAI	Summer 2010	Approved	Design/Scoping	
BP-09-035	Warren East 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI		Warren East 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI	Summer 2010	Approved	Design/Scoping	
BP-10-003	Parkin to Twist 161 kV - Replace line trap at Parkin (increase rating of line segment)	EAI		Parkin to Twist 161 kV - Replace line trap at Parkin (increase rating of line segment)	EAI	Summer 2010	Approved	Design/Scoping	
BP-08-002	Upgrade ANO - Russelville North 161 kV Line to 546 MVA	EAI		Transmission Service (OG&E) Upgrade ANO - Russelville North 161 kV Line to 546 MVA Upgrade Russelville East - Russelville South 161 kV Line to 448 MVA	EAI	Summer 2010	Approved	Design/Scoping	Accelerated ISD one year
BP-09-001	Upgrade Russelville East - Russelville South 161 kV Line to 448 MVA	EAI							
BP-08-036	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		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.
BP-08-047	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		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	Proposed & In Target	Design/Scoping	Project to improve reliability in Little Rock during heavy transfers and loss of Mabelvale autotransformer. Accelerated ISD 2 years.
BP-08-005	Upgrade Hot Springs - Bismark 115 kV Line to 176 MVA	EAI		Transmission Service (Aquila) Upgrade Hot Springs - Bismark 115 kV Line to 176 MVA Upgrade Bismark - Alpine 115 kV Line to 176 MVA Upgrade Alpine - Amity 115 kV Line to 176 MVA	EAI	Winter 2011	Approved	Design/Scoping	Hot Springs to Bismark was identified as a base plan difference project
BP-08-008	Upgrade Bismark - Alpine 115 kV Line to 176 MVA	EAI							
BP-08-009	Upgrade Alpine - Amity 115 kV Line to 176 MVA	EAI							
BP-10-005	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		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	Proposed & In Target	Design/Scoping	Project to improve reliability in Little Rock during heavy transfers and loss of Mabelvale autotransformer. Accelerated ISD 2 years.

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Projects with construction start dates within the next three (3) years.				As Posted on Entergy's OASIS 03-08-2010					
ICT Project No.	ICT Project Name	Entergy LE	ICT Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
BP-10-006	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	Displaces Morrilton East-Gleason BP-09-024 and Gleason-Tyler BP-09-025	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	Proposed & In Target	Design/Scoping	In lieu of Morrilton East - Gleason - Tyler upgrade.
BP-09-026	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		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
BP-09-027	Jonesboro to Hergett 161 kV Line: Upgrade 161 kV Line to at least 240 MVA	EAI		Jonesboro to Hergett 161 kV Line: Upgrade 161 kV Line to at least 240 MVA	EAI	2012	Proposed & In Target	Design/Scoping	
BP-10-007	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	Displaces Bauxite Capacitor BP-08-014	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)
BP-09-028	Monette-Paragould 161 kV Upgrade Paragould Substation: Upgrade the switch B6673	EAI	Only Monette-Paragould and Paragould Sub upgrades are Base Plan; Russellville South-Dardanelle Dam upgrade is Supplemental	Westar Transmission Service Monette - Paragould 161kV Line: Upgrade to at least 246 MVA Paragould Substation: Upgrade the switch B6673 from 600A to 2000A Russellville South - Dardanelle Dam (SPA) 161kV Line: Upgrade to 416 MVA	EAI	Summer 2012	Approved	Design/Scoping	Monette to Paragould upgrade was identified as a base plan difference project.
BP-09-007	Addis to Cajun 230 kV line - Upgrade Limiting Section With Double-Bundled 649.5 ACAR (654 MVA)	EGSL		Addis to Cajun 230 kV line - Upgrade Limiting Section With Double-Bundled 649.5 ACAR (654 MVA)	EGSL	Spring 2010	Approved	Design/Scoping	Increase capacity of existing 230 kV line. Also required for TSR's
BP-09-010	Carter and Elton: Upgrade 69 kV capacitor bank at Elton to 14 MVAR	EGSL		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	Proposed & In Target	Design/Scoping	Elton in 2009 and Carter in 2010
BP-09-011	Carter and Elton: Add 69 kV, 14 MVAR capacitor bank at Carter	EGSL							
BP-09-014	Construct New Youngsville 138 kV Distribution Substation	EGSL		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). May be delayed one year due to feasibility of ROW acquisition.
BP-08-039	Alchem - Monochem 138 kV Line: Upgrade 138 kV line to 275 MVA	EGSL		Alchem - Monochem 138 kV Line: Upgrade 138 kV line to 275 MVA	EGSL	Summer 2011	Approved	Design/Scoping	Also required for TSR's
BP-09-012	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		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	Summer 2011	Approved	Design/Scoping	
BP-09-013	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		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	Summer 2012	Approved	Design/Scoping	

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BP-10-008	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	Displaces Nelson-Moss Bluff Reconductor BP-08-021	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.
BP-09-008	Marydale-Tejac 69 kV Upgrade	EGSL		Tejac to Marydale: Upgrade 69 kV transmission line	EGSL	2012	Proposed & In Target	Design/Scoping	Increase thermal capacity of 69 kV line.
BP-08-038	Loblolly-Hammond Build 230kV New Line	EGSL/ELL		Loblolly-Hammond Build 230 kV Line	EGSL/ELL	Summer 2012	Approved	Design/Scoping	ROW acquisition and permitting under way. Accelerated ISD.
BP-09-045	Nelson to Mossville - Upgrade 138 kV Line	EGSL		Nelson to Mossville - Upgrade 138 kV Line	EGSL	2013	Proposed & In Target	Design/Scoping	Increase thermal capacity
BP-10-009	Construct new Willow Glen to Conway 230 kV line	EGSL		Construct new Willow Glen to Conway 230 kV line	EGSL	2014	Proposed & In Target	Design/Scoping	Increase 230 kV thermal capacity in the industrial corridor.
BP-09-015	Snakefarm to Kenner 115 kV line: Upgrade to 359 MVA	ELL		Snakefarm to Kenner 115 kV line: Upgrade to 359 MVA	ELL	Spring 2010	Approved	Design/Scoping	
BP-10-010	Delhi 115 kV Substation - Add 10 Ohm series reactor	ELL		Delhi 115 kV Substation - Add 10 Ohm series reactor	ELL	Spring 2010	Approved	Construction	(Accelerated one year) ISD accelerated to Spring 2010 from Winter 2010
BP-08-052B	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	Capacitor bank additions BP-08-052A, C, and D have been completed and are listed in Table 2.	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	Summer 2011	Approved	Design/Scoping	Vienna and Luckey Capacitor banks completed.
BP-10-011	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		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	Summer 2012	Approved	Design/Scoping	Project to provide thermal capacity to the existing 230 kV system near Evergreen and additional autotransformer capacity in the area
BP-08-050	Southeast LA Coastal Improvement Plan: Phase 2 Build Peters Road-Oakville 230kV Line and Substation	ELL		Southeast LA Coastal Improvement Plan: Phase 2 Build Peters Road-Oakville 230kV Line and Substation	ELL	2012	Approved	Design/Scoping	
BP-08-051	Southeast LA Coastal Improvement Plan: Phase 3 Construct Oakville to Alliance 230kV Line Add 230 - 115 kV Autotransformer at Alliance Substation	ELL		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.
BP-10-012	Bayou Steel to Tezcucu 230 kV line - Construct new line (Displaces Belle Point-Tezcucu BP09-009)	ELL		Bayou Steel to Tezcucu 230 kV line - Construct new line	ELL	2012	Proposed & In Target	Design/Scoping	Provides third path from Gypsy/Waterford area to Tezcucu. Replaces Belle Point to Gypsy 230 kV line upgrade identified in the ICT Base Plan.
BP-08-030	Loop Sterlington to North Crossett into North Bastrop (New line)	ELL	Only North Bastrop Loop upgrade is Base Plan; all other upgrades associated with Entergy's CP project are Supplemental	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	Spring 2013	Approved	Construction	Outage coordination resulting in a delay in the current projected ISD
BP-09-020	Indianola-Greenwood 115 kV Line: Upgrade line to 161 MVA Upgrade Terminal Equipment at Morehead, Itta Bena, and Greenwood	EMI		Indianola-Greenwood 115 kV Line: Upgrade line to 161 MVA Upgrade Terminal Equipment at Morehead, Itta Bena, and Greenwood	EMI	Summer 2010	Approved	Design/Scoping	Improve reliability in the Greenwood area Need Mobile

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BP-08-056	Magee Sub: Replace Switches	EMI		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 (SMEPA would not allow necessary outages thus project delayed)
BP-10-013	Florence - Florence SS - Star 115 kV Line: Upgrade to at least 240 MVA	EMI		Florence - Florence SS - Star 115 kV Line: Upgrade to at least 240 MVA	EMI	Spring 2011	Approved	Design/Scoping	Project to increase thermal capacity of 115 kV line
BP-08-015	Waterways - Vicksburg East 115 kV Line: Upgrade to at least 240 MVA	EMI		Waterways - Vicksburg East 115 kV Line: Upgrade to at least 240 MVA	EMI	Summer 2011	Approved	Design/Scoping	Project to increase the thermal capacity of the 115 kV line. Accelerated ISD from 2011 to 2010
BP-10-014	Ridgeland-Madison Reliability Improvement Build Sunnybrook and Radial 115 kV Transmission Line	EMI		Ridgeland-Madison Reliability Improvement Build Sunnybrook and Radial 115 kV Transmission Line	EMI	Summer 2011	Approved	Design/Scoping	Project to serve rapid load growth North of Jackson
BP-10-015	McAdams Area Upgrades McAdams Substation: Add 2nd 560 MVA 500 kV / 230 kV Autotransformer (Hartburg Spare single phase units) McAdams - Pickens 230 kV line: Upgrade to Double-Bundled 954 ACSR (880 MVA)	EMI		McAdams Area Upgrades McAdams Substation: Add 2nd 560 MVA 500 kV / 230 kV Autotransformer (Hartburg Spare single phase units) McAdams - Pickens 230 kV line: Upgrade to Double-Bundled 954 ACSR (880 MVA)	EMI	2011	Proposed & In Target	Design/Scoping	
BP-08-046A	Ridgeland-Madison Reliability Improvement Rebuild Lakeover - Ridgeland 115 kV Line	EMI		Ridgeland-Madison Reliability Improvement Rebuild Lakeover - Ridgeland Line Build Lakeover - Sunnybrook - Northpark 115 kV Line	EMI	2012	Proposed & In Target	Design/Scoping	Project to serve rapid load growth North of Jackson. Accelerated ISD from 2014
BP-08-046B	Ridgeland-Madison Reliability Improvement Build New Lakeover-Sunnybrook-Northpark 115 kV Line	EMI							
BP-08-061D	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 2 Projects (2012) Tillatoba to South Grenada 230 kV Line: Construct New 520 MVA Line South Grenada 115 kV Substation: Install 230 kV Bus and a 400 MVA 230-115 kV Autotransformer	EMI		Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 2 Projects (2012) Tillatoba to South Grenada 230 kV Line: Construct New 520 MVA Line 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 Attalla for various 115 kV and 230 kV contingencies. Previous project was to add 2nd Tillatoba auto - this project provides better value. Accelerated ISD
BP-08-057	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		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	Proposed & In Target	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.
BP-10-016	Getwell to Church Road 230 kV construct new 230 kV Transmission Line (Extend from Load-related project for Twinkletown-Church Rd)	EMI		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.

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BP-10-017	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		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.
BP-09-021	Brookhaven-Mallilieu 115 kV Upgrade	EMI		Brookhaven to McComb 115 kV (via Norfield) - Upgrade 115 kV line to 260 MVA	EMI	2012	Proposed & In Target	Design/Scoping	Replaces Bogue Chitto Project
BP-09-022	Norfield-Mallilieu 115 kV Upgrade	EMI							
BP-10-021	Norfield-McComb 115 kV Line upgrade	EMI							
BP-10-022	Franklin 500 kV Substation - Relocate Franklin to Bogalusa 500 kV and Autotransformer positions	EMI		Franklin 500 kV Substation - Relocate Franklin to Bogalusa 500 kV and Autotransformer positions	EMI	2012	Proposed & In Target	Design/Scoping	Replaces Bogue Chitto Project
BP-08-053	Fawil: Upgrade 138/69 kV Auto	ETI		Fawil: Upgrade 138/69 kV Auto	ETI	Winter 2009	Approved	Construction	Delayed by customer
BP-10-018	Temco and Shepard 138 kV Substations - Upgrade CTs at Temco and Shepard	ETI		Temco and Shepard 138 kV Substations - Upgrade CTs at Temco and Shepard	ETI	Summer 2010	Approved	Design/Scoping	Project to increase thermal rating of the line to the conductor limit
BP-08-043A0	Western Region Reliability Improvement Plan Phase 3 Interim (Part 1) Relocate Sheco's Caney Creek 138 kV Substation	ETI		Western Region Reliability Improvement Plan Phase 3 Interim (Part 1) Relocate Sheco's Caney Creek 138 kV Substation	ETI	Summer 2010	Approved	Construction	
BP-08-026	College Station 138kV Switching Station Construct new 3 terminal 138 kV Switching Station Close normally open switch at Speedway	ETI		College Station 138kV Switching Station Construct new 3 terminal 138 kV Switching Station Close normally open switch at Speedway	ETI	Spring 2011	Proposed & In Target	Design/Scoping	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.
BP-08-043A2	Western Region Reliability Improvement Plan Phase 3 Interim (Part 3) Upgrade South Beaumont to Fontenot Corner 138 kV line	ETI		Western Region Reliability Improvement Plan Phase 3 Interim (Part 3) Upgrade South Beaumont to Fontenot Corner 138 kV line	ETI	Winter 2010	Approved	Design/Scoping	Accelerated ISD
BP-08-043A1	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		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
BP-08-041B	Tamina to Cedar Hill 138 kV line: Upgrade	ETI		Tamina to Cedar Hill 138 kV line: Upgrade	ETI	Winter 2011	Approved	Design/Scoping	Increase thermal capacity of 138 kV line
BP-10-019	Cedar Hill - Plantation 138 kV line: Upgrade	ETI		Cedar Hill - Plantation 138 kV line: Upgrade	ETI	2012	Proposed & In Target	Design/Scoping	Increase thermal capacity of 138 kV line
BP-10-020	Plantation to Conroe 138 kV line: Upgrade	ETI		Plantation to Conroe 138 kV line: Upgrade	ETI	2012	Proposed & In Target	Design/Scoping	Increase thermal capacity of 138 kV line
BP-09-003	Jasper to Rayburn 138 kV line: Upgrade	ETI		Jasper to Rayburn 138 kV line: Upgrade	ETI	2013	Proposed & In Target	Design/Scoping	Increase thermal capacity of 138 kV line
LOAD-RELATED PROJECTS				CP (load-related) Section					
BP-09-060	AECC Avilla POD	EAI		AECC Avilla POD	EAI	2010	Approved		

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BP-08-078	Albright (H.S. Hamilton) Substation - buy land	EAI		Albright (H.S. Hamilton) Substation - buy land	EAI	2011	Proposed & In Target		Deferred Beyond 2011
BP-09-062	Aquila - Cross point Sup Project	EAI		Aquila - Cross point Sup Project	EAI	2011	Proposed & In Target		
BP-09-063	Bayview New Substation	EGSL		Bayview New Substation	EGSL	2012	Proposed & In Target		Buy land in 2009 - ISD Delayed until 2012
BP-09-064	Beauregard to Alsen transformer swap	EGSL		Beauregard to Alsen transformer swap	EGSL	2009	Approved	Complete	
BP-08-093	Bedico: Build new 230kv substation	ELL		Bedico: Build new 230kv substation	ELL	2012	Proposed & In Target		Purchase site in 2008
BP-09-065	Bentwater-build sub using Walden T2 50MVA (already own land)	ETI		Bentwater-build sub using Walden T2 50MVA (already own land)	ETI	2010	Approved		
BP-09-066	Blythville POD - AECC (10-1-09 ISD)	EAI		Blythville POD - AECC (10-1-09 ISD)	EAI	2009	Approved		
BP-08-084	Briarwood Substation add 35/13kV auto - scope 2007	EGSL		Briarwood Substation add 35/13kV auto - scope 2007	EGSL	2012	Proposed & In Target		Deferred pending customer request
BP-09-068	Calhoun: New substation	ELL		Calhoun: New substation	ELL	2012	Proposed & In Target		Site purchase In 2009
BP-08-074	Church Rd Substation & 11.3 miles 230kV	EMI		Church Rd Substation & 11.3 miles 230kV	EMI	2012	Approved		
BP-08-077	Cofer Road (Crawford) Substation	EAI		Cofer Road (Crawford) Substation	EAI	2012	Proposed & In Target		Deferred ISD to 2012
BP-09-070	Coffeeville POD - AECC (10-1-09 ISD)	EAI		Coffeeville POD - AECC (10-1-09 ISD)	EAI	2010	Approved		
BP-08-075	Colonel Glenn Rd - add new substation	EAI		Colonel Glenn Rd - add new substation	EAI	2011	Proposed & In Target		Site Purchase in 2008 - Deferred ISD to 2011
BP-08-067	Dawson Creek: Add 230 -13.2kV 75 MVA Transformer	EGSL		Dawson Creek: Add 230 -13.2kV 75 MVA Transformer	EGSL	2009	Approved	Complete	ISD Deferred to 2009
BP-09-072	Denbury (Sacasonia)	ELL		Denbury (Sacasonia)	ELL	2010	Approved		
BP-10-200	Dewitt: add transformer	EAI		Dewitt: add transformer	EAI	2011	Proposed & In Target	New	
BP-09-075	Fisher: add 20MVA transformer	EAI		Fisher: add 20MVA transformer	EAI	2009	Proposed & In Target	Complete	
BP-10-201	Forest: New Sub	ETI		Forest: New Sub	ETI	2014	Proposed & In Target	New	
BP-09-076	Geismer: Add transformer	EGSL		Geismer: Add transformer	EGSL	2009	Approved		
BP-10-202	Hamlet: Xfrm Upgrade	EAI		Hamlet: Xfrm Upgrade	EAI	2013	Proposed & In Target	New	
BP-10-203	Hot Springs Fountain Lake Sub - Buy Land	EAI		Hot Springs Fountain Lake Sub - Buy Land	EAI	2010	Approved	New	
BP-09-079	JNEC Deweyville Add breakers	ETI		JNEC Deweyville Add breakers	ETI	2009	Approved		
BP-08-070	Johnstown-Porter: New 138 kV POD	ETI		Johnstown-Porter: New 138 kV POD	ETI	2010	Approved		ISD Delayed until 2010 - Site purchase in 2008
BP-09-081	Labarre Super conductor Cable	ELL		Labarre Super conductor Cable	ELL	2014	Proposed & In Target		
BP-09-082	Lake Charles - 1 mile 69kv loop new casino (Revenue)	EGSL		Lake Charles - 1 mile 69kv loop new casino (Revenue)	EGSL	2011	Approved		
BP-10-204	Lamkin: Upgrade transformer	ELL		Lamkin: Upgrade transformer	ELL	2012	Proposed & In Target	New	
BP-09-083	Little Rock Port - Add Transformer (Welspun)	EAI		Little Rock Port - Add Transformer (Welspun)	EAI	2009	Approved		
BP-09-084	Madison Ave Substation and 115kV line from Sunnybrook (Ridgeland-Madison Reliability Improvement)	EMI		Madison Ave Substation and 115kV line from Sunnybrook (Ridgeland-Madison Reliability Improvement)	EMI	2014	Proposed & In Target		Site purchase In 2008
BP-09-085	Marathon Oil Expansion	ELL		Marathon Oil Expansion	ELL	2009	Approved	Complete	
BP-09-086	Maurice: Add transformer	EGSL		Maurice: Add transformer	EGSL	2010	Approved		Deferred ISD to 2010
BP-08-069	Merlin Sub: build new substation (already own land)	ETI		Merlin Sub: build new substation (already own land)	ETI	2011	Approved		
BP-09-087	Metro: Upgrade transformer	ETI		Metro: Upgrade transformer	ETI	2011	Approved		
BP-09-088	Mickens: upgrade transformer	EGSL		Mickens: upgrade transformer	EGSL	2009	Approved	Complete	
BP-09-089	Mohican: New Substation	EGSL		Mohican: New Substation	EGSL	2009	Approved		
BP-10-205	Oakridge: Convert to 34 kV	ELL		Oakridge: Convert to 34 kV	ELL	2010	Approved	New	

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TABLE 1: ICT 2010 Base Plan Update 2 Project List				Entergy Final 2010-2012 Construction Plan Update 1- for comparison only					
Projects with construction start dates within the next three (3) years.				As Posted on Entergy's OASIS 03-08-2010					
ICT Project No.	ICT Project Name	Entergy LE	ICT Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
BP-10-206	Riverton: Xfrm Upgrade	ELL		Riverton: Xfrm Upgrade	ELL	2013	Proposed & In Target	New	
BP-10-207	Schriver: New Substation	ELL		Schriver: New Substation	ELL	2014	Proposed & In Target	New	
BP-09-091	SHECO Colley Creek POD	ETI		SHECO Colley Creek POD	ETI	2010	Approved		Associated with WRIPP Ph3Interim (Part 1)
BP-09-092	SHECO Jacinto Facility	ETI		SHECO Jacinto Facility	ETI	2009	Approved	Complete	
BP-09-093	Shell Garyville	ELL		Shell Garyville	ELL	2009	Approved	Complete	
BP-09-094	Strong substation: add transformer	EAI		Strong substation: add transformer	EAI	2011	Proposed & In Target		
BP-09-095	Sunnybrook Substation & Radial 115kV (Ridgeland-Madison Reliability Improvement)	EMI		Sunnybrook Substation & Radial 115kV (Ridgeland-Madison Reliability Improvement)	EMI	2011	Proposed & In Target		
BP-09-096	Tetra - Calcium Brine Plant	EAI		Tetra - Calcium Brine Plant	EAI	2009	Approved	Complete	
BP-09-097	Texas Eastern Kosciusko In and out line tapped on Kosciusko-Winona Line	EMI		Texas Eastern Kosciusko In and out line tapped on Kosciusko-Winona Line	EMI	2010	Approved		
BP-09-098	Thomas Sub: Add transformer (Stupp)	EGSL		Thomas Sub: Add transformer (Stupp)	EGSL	2009	Approved	Complete	
BP-09-099	Total Chemical: Build New Gulfway 230 kV Substation	ETI		Total Chemical: Build New Gulfway 230 kV Substation	ETI	2009	Approved	Complete	
BP-09-102	Westdale - Install Transformer	EGL		Westdale - Install Transformer	EGL	2009	Approved	Complete	
BP-10-208	West Hunt - New Sub	ETI		West Hunt - New Sub	ETI	2012	Proposed & In Target	New	
BP-10-209	Winnsboro - Install 40 MVA transformer	ELL		Winnsboro - Install 40 MVA transformer	ELL	2010	Approved	New	
BP-08-068	Wintz - St. Gabriel: Add new 230/34.5 kV substation	EGSL		Wintz - St. Gabriel: Add new 230/34.5 kV substation	EGSL	2010	Approved		Accelerated ISD to 2009
BP-09-100	Vilonia Sub - construct new sub	EAI		Vilonia Sub - construct new sub	EAI	2013	Proposed & In Target		
ASSET-MANAGEMENT RELATED PROJECTS				CP (AM related) Section					
BP-09-106	69kv outage reduction	EGL		69kv outage reduction	EGL	2010-2012	Approved	Ongoing	
BP-10-300	Amelia - Xfrm failure	ETI		Amelia - Xfrm failure	ETI	2009	Approved	Ongoing	
BP-08-107	ANIMAL MITIGATION	SYS		ANIMAL MITIGATION	SYS	2010-2012	Approved	Ongoing	
BP-08-112	ARRESTER REPLACEMENTS	SYS		ARRESTER REPLACEMENTS	SYS	2010-2012	Approved	Ongoing	
BP-08-108	AUTOMATIC SECTIONALIZING	SYS		AUTOMATIC SECTIONALIZING	SYS	2010-2012	Approved	Ongoing	
BP-09-107	Bayou Chavin Line Repair	ELL		Bayou Chavin Line Repair	ELL	2009	Approved	Complete	
BP-09-108	Bayou Verret - Replace bus insulators	ELL		Bayou Verret - Replace bus insulators	ELL	2009	Approved	Complete	
BP-08-114	BREAKER ADDITIONS	SYS		BREAKER ADDITIONS	SYS	2010-2012	Approved	Ongoing	
BP-08-113	BREAKER REPLACEMENTS	SYS		BREAKER REPLACEMENTS	SYS	2010-2012	Approved	Ongoing	
BP-10-301	Church - Xfrm failure	EGL		Church - Xfrm failure	EGL	2009	Approved	Ongoing	
BP-08-115	CIRCUIT SWITCHER REPLACEMENTS	SYS		CIRCUIT SWITCHER REPLACEMENTS	SYS	2010-2012	Approved	Ongoing	
BP-10-302	Coly - Xfrm repair	EGL		Coly - Xfrm repair	EGL	2009	Approved	Ongoing	
BP-10-303	Couteau - LTC failure	ELL		Couteau - LTC failure	ELL	2009	Approved	Ongoing	
BP-10-304	Delcambre - Xfrm failure	EGL		Delcambre - Xfrm failure	EGL	2009	Approved	Ongoing	
BP-08-125	Dell Reactor Replacement	EAI		Dell Reactor Replacement	EAI	2010	Approved	Ongoing	
BP-09-111	Donaldsonville Rebuild	ELL		Donaldsonville Rebuild	ELL	2009	Approved	Complete	
BP-08-098	EAI Breaker Upgrades: Replace (AM will Manage)	EAI		EAI Breaker Upgrades: Replace (AM will Manage)	EAI	2008 - 2010	Approved	Carryover	
BP-09-103	EGL Underrated Breaker Upgrades (12) 69 kV	EGL		EGL Underrated Breaker Upgrades (12) 69 kV	EGL	2007-2009	Approved	Carryover	
BP-09-104	EI Dorado Transformer failure	EAI		EI Dorado Transformer failure	EAI	2009	Approved	Complete	
BP-08-101	ETI Underrated Breaker Upgrades (12) 69 kV	ETI		ETI Underrated Breaker Upgrades (12) 69 kV	ETI	2007-2009	Approved	Carryover	
BP-09-105	Firestone transformer	EGL		Firestone transformer	EGL	2009	Approved	Ongoing	
BP-10-305	Gifford substation - Xfrm failure	EAI		Gifford substation - Xfrm failure	EAI	2009	Approved	Ongoing	
BP-08-102	GROUNDING IMPROVEMENT	ETI		GROUNDING IMPROVEMENT	ETI	2010-2012	Approved	Ongoing	
BP-10-306	Hammond - Xfrm repair	ELL		Hammond - Xfrm repair	ELL	2009	Approved	Ongoing	
BP-10-307	Hickory - Xfrm replace	ELL		Hickory - Xfrm replace	ELL	2009	Approved	Ongoing	
BP-10-308	Kilona - Xfrm replace	ELL		Kilona - Xfrm replace	ELL	2009	Approved	Ongoing	

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TABLE 1: ICT 2010 Base Plan Update 2 Project List

Entergy Final 2010-2012 Construction Plan Update 1- for comparison only

Projects with construction start dates within the next three (3) years.

As Posted on Entergy's OASIS 03-08-2010

ICT Project No.	ICT Project Name	Entergy LE	ICT Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
BP-10-309	London Substation - Xfrm failure	EAI		London Substation - Xfrm failure	EAI	2009	Approved	Ongoing	
BP-10-310	Market St - Regulator replace	ENO		Market St - Regulator replace	ENO	2009	Approved	Ongoing	
BP-10-311	McDonald - Xfrm replace	ETI		McDonald - Xfrm replace	ETI	2009	Approved	Ongoing	
BP-10-312	Morrilton West - Regulator failure	EAI		Morrilton West - Regulator failure	EAI	2009	Approved	Ongoing	
BP-10-313	Opel Substation - Rebuild	EGL		Opel Substation - Rebuild	EGL	2011	Approved	Ongoing	
BP-08-111	PIN AND CAP REPLACEMENTS	SYS		PIN AND CAP REPLACEMENTS	SYS	2010-2012	Approved	Ongoing	
BP-10-314	Prescott Substation - Regulator failure	EAI		Prescott Substation - Regulator failure	EAI	2009	Approved	Ongoing	
BP-08-116	RELAY IMPROVEMENTS	SYS		RELAY IMPROVEMENTS	SYS	2010-2012	Approved	Ongoing	
BP-08-110	RTU RETROFITS	SYS		RTU RETROFITS	SYS	2010-2012	Approved	Ongoing	
BP-08-122	SHIELD WIRE REPLACEMENT	SYS		SHIELD WIRE REPLACEMENT	SYS	2010-2012	Approved	Ongoing	
BP-08-104	SUBSTATION EQUIPMENT FAILURES*	ETI		SUBSTATION EQUIPMENT FAILURES*	ETI	2010-2012	Approved	Ongoing	
BP-08-118	SUBSTATION PROGRAMS	SYS		SUBSTATION PROGRAMS	SYS	2010-2012	Approved	Ongoing	
BP-10-315	Substation Reliability Program	SYS		Substation Reliability Program	SYS	2010-2012	Approved	Ongoing	
BP-08-120	Substation Short Term Opportunities	SYS		Substation Short Term Opportunities	SYS	2010-2012	Approved	Ongoing	
BP-08-121	TOOLS & EQUIPMENT - TRANSMISSION CA	ETI		TOOLS & EQUIPMENT - TRANSMISSION CA	ETI	2010-2012	Approved	Ongoing	
BP-09-109	Transformer for Delcambre repair	EGL		Transformer for Delcambre repair	EGL	2010	Approved	Ongoing	
BP-09-110	Transformer for tullah	EMI		Transformer for tullah	EMI	2009	Approved	Ongoing	
BP-08-124	TRANSFORMER LIFE EXTENSION	SYS		TRANSFORMER LIFE EXTENSION	SYS	2010-2012	Approved	Ongoing	
BP-08-106	TRANSMISSION EQUIPMENT FAILURE	ETI		TRANSMISSION EQUIPMENT FAILURE	ETI	2010-2012	Approved	Ongoing	
BP-08-119	TRANSMISSION LINES INFRASTRUCTURE	SYS		TRANSMISSION LINES INFRASTRUCTURE	SYS	2010-2012	Approved	Ongoing	
BP-08-103	TRANSMISSION MANDATED GEN PROJ	SYS		TRANSMISSION MANDATED GEN PROJ	SYS	2010-2012	Approved	Ongoing	
BP-08-109	TRANSMISSION SKYLINING ROW	SYS		TRANSMISSION SKYLINING ROW	SYS	2010-2012	Approved	Ongoing	
BP-10-316	Union - Xfrm replace	ETI		Union - Xfrm replace	ETI	2009	Approved	Ongoing	
BP-08-123	WOOD POLE REPLACEMENT	SYS		WOOD POLE REPLACEMENT	SYS	2010-2012	Approved	Ongoing	
BP-10-317	Yazoo Sub - Relocate Substation	EMI		Yazoo Sub - Relocate Substation	EMI	2009	Approved	Ongoing	

TABLE 1 ICT LEGEND

2010 ICT Base Plan Project

Modification in Red

TABLE 1 ENTERGY LEGEND

2010 - 2012 Draft Construction Plan Rev 2 (Summit Version)

New Addition

Modification

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TABLE 2: All Other Projects				Entergy Final 2010-2012 Construction Plan Update 1 - for comparison only					
Completed, Displaced, Supplemental, and Future Projects				As Posted on Entergy's OASIS 03-08-2010					
ICT Project No.	Project Name	Entergy LE	Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
COMPLETED PROJECTS									
BP-09-034	Hamlet: Install Breaker on Conway Industrial Line	EAI		Hamlet 161 kV Substation: Install 161 kV Breaker on Conway Industrial Line	EAI	Summer 2009	Approved	Complete	Eliminate risk for transmission contingency
BP-08-035	Gillette: Install 10.8MVAR Cap Bank	EAI		Gillette 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI	Summer 2009	Approved	Complete	Final part of 2 part project to improve voltage profile in the area between Helena and Stuttgart
BP-09-032	Conway West - Donaghey: Reconductor with 666 ACSS	EAI		Conway West - Donaghey 161 kV Line: Reconductor with 666 ACSS	EAI	Summer 2009	Approved	Complete	Increase Load Serving capability in Conway Area
BP-08-052A	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) - EAI Add 10.8 MVAR capacitor bank at Emerson 115 kV substation	EAI		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	Revised bank size to 10.8 MVAR instead of 32.4 MVAR
BP-08-052C	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Add 32.4 MVAR capacitor bank at Luckey 115 kV substation 4/10	ELL	Sarepta Substation BP-08-052B is not yet complete and is listed in Table 1.	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	Summer 2011	Approved	Design/Scoping	Vienna and Luckey Capacitor banks completed.
BP-08-052D	Sarepta Project (NW Louisiana/South Arkansas Voltage Support Plan) Add 32.4 MVAR capacitor bank at Vienna 115 kV substation 10/09	ELL							
BP-08-003	Danville Substation: Upgrade Terminal Equipment to match or exceed Magazine line ratings	EAI		Danville 161 kV Substation: Upgrade Terminal Equipment to match or exceed Magazine line ratings	EAI	Fall 2009	Approved	Complete	Project to eliminate overloads for loss of ANO-Ft. Smith EHV line
BP-08-063	Acadia: Add 36 MVAR Cap Bank	EGSL		Acadia 138 kV Substation: Install 36 MVAR Capacitor Bank	EGSL	Summer 2009	Approved	Complete	
BP-09-017	Waterford 4: Blackstart generator interconnection	ELL		Waterford 4: Blackstart generator interconnection	ELL	Summer 2009	Approved	Complete	
			Sacksonia was previously a load-related project.	Delhi 115 kV Substation - Add 30.5 MVAR Capacitor Bank	ELL	Winter 2009	Approved	Complete	Project associated with new Sacksonia substation
BP-08-045	Liberty-Gloster: Upgrade 115 kV Line For Natchez De-listing	EMI		Liberty-Gloster: Upgrade 115 kV Line For Natchez De-listing	EMI	Summer 2009	Approved	Complete	Project required to maintain reliability in the Natchez area after loss of local generation
BP-08-060	Natchez DVARS and Cap Bank (Natchez Delisting)	EMI							
BP-08-061A	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Add 2nd Cap Bank at Winona	EMI		Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Projects (2010) Winona 115 kV Substation: Install 21.6 MVAR Capacitor Bank Greenwood 115 kV Substation: Upgrade 21.6 MVAR Capacitor Bank to 32.4 MVAR Schlater 115 kV substation: Install 21.6 MVAR Capacitor Bank	EMI	Winter 2009	Approved	Complete	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. Accelerated ISD. All capacitor banks in-service.
BP-08-061C	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Install Cap Bank at Schlater	EMI							
BP-08-061B	Grenada/Winona/Greenwood Area Improvement (Tillatoba auto alternative): Phase 1 Upgrade Cap Bank at Greenwood	EMI							
BP-08-062	Paterson 115kV: Restore 4 breakers	ENOI		Paterson 115kV: Restore 4 breakers	ENOI	Summer 2009	Approved	Complete	
BP-08-024	Newton Bulk: Replace/Re-tap CT to increase rating on Holly Springs line	ETI		Newton Bulk: Replace/Re-tap CT to increase rating on Holly Springs line	ETI	Summer 2009	Approved	Complete	

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Completed, Displaced, Supplemental, and Future Projects				As Posted on Entergy's OASIS 03-08-2010					
ICT Project No.	Project Name	Entergy LE	Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
BP-08-042	Beaumont 69 kV Improvement Plan: Option 2 Add line breakers at Yankee Doodle 69 kV Close NO points at Lincoln & Crockett 69 kV Rebuild 69 kV Line 576 (Lincoln-S Beaumont 69 kV) & Line 98/190 (Dupont Beau.-S Beaumont) to 106 MVA	ETI		Beaumont 69 kV Improvement Plan: Option 2	ETI	Summer 2009	Approved	Complete	
			Project was Supplemental in 09BP	Sheco Jacinto - Generator Interconnection	ETI	Summer 2009	Approved	Complete	
			Addresses overload identified in 2010 Draft Base Plan	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	Transfer of load from 69 kV to Gulfway 230 kV. Alleviates concerns with Kolbs to Lakeview 69 kV thermal loading
BP-08-041A	Porter-Tamina: Replace Breaker/Switches	ETI		Porter - Tamina: Replace Breaker/Switches	ETI	Summer 2009	Approved	Complete	Increase thermal capacity of 138 kV line
			Project was Supplemental in 09BP	Warren Substation - Add two breakers	ETI	Winter 2009	Approved	Complete	
BP-09-016	Bogalusa to Adams Creek 230 kV No. 2 - Upgrade terminal equipment at Bogalusa	ELL		Bogalusa to Adams Creek 230 kV No. 2 - Upgrade terminal equipment at Bogalusa	ELL	Winter 2009	Approved	Complete	(Upgrade terminal equipment to thermal rating of conductor.
BP-10-004	Harrison East to Everton Road 161 kV Line: Upgrade Harrison East Terminal Equipment to 1200 A	EAI		Harrison East to Everton Road 161 kV Line: Upgrade Harrison East Terminal Equipment to 1200 A	EAI	Winter 2009	Approved	Complete	Replaces St. Joe to Hilltop project identified in the ICT base plan.
DISPLACED 2009 BASE PLAN PROJECTS									
BP-08-006	Mt Ida Capacitor	EAI	Need deferred by distribution facilities.	Mt. Ida 115 kV Substation: Install 10.8 MVAR Capacitor Bank	EAI	2010	Proposed & In-Target	Design/Scoping	REMOVED
BP-08-011	Ward Capacitor	EAI	Displaced by new project. (Beebe Cap)						
BP-08-014	Bauxite Capacitor	EAI	Displaced by new project. (Benton North-Benton South)						
BP-09-023	St. Joe-Hilltop 161 kV Upgrade	EAI	Re-rating of line in model obviates the need for this upgrade.						
BP-09-024	Morrilton East-Gleason 161 kV Upgrade	EAI	Displaced by new project. (Holland Bottoms-Hamlet)						
BP-09-025	Gleason-Tyler 161 kV Upgrade	EAI	Displaced by new project. (Holland Bottoms-Hamlet)						
BP-09-031	WM Lehi Capacitor Addition	EAI	Displaced by existing project. (Ebony)						
BP-08-021	Reconductor Nelson - Moss Bluff 230 kV	EGSL	Displaced by new project. (Nelson-Moss Bluff 230 kV #2)						
BP-09-009	Belle Point-Gypsy 230 kV Upgrade	ELL	Displaced by new project. (Bayou Steel-Tezcucoc)						
BP-08-058	Hornlake - TH Allen (TVA) 161 kV Line: Upgrade Line to 366 MVA	EMI	Displaced by new project. (Church Rd-Getwell)	Hornlake - TH Allen (TVA) 161 kV Line: Upgrade Line to 366 MVA.	EMI	2011	Proposed & In-Target	Design/Scoping	Project being replaced by Getwell to Church Road
BP-09-019	Getwell-Batesville 230 kV Conversion	EMI	Displaced by new project. (Getwell-Senatobia)						
SUPPLEMENTAL PROJECTS NOT OTHERWISE LISTED									
			Supplemental	Grand Gulf Uprate Project Baxter Wilson - Ray Braswell 500 kV Line: Upgrade Breakers and Switches to 3000 A	EMI	Summer 2010	Approved	Construction	Project to increase the thermal capacity of the 500 kV line. Accelerated ISD from 2011 to 2010
			Supplemental	Grand Gulf Uprate Project: Add vars to system Install a 115 kV, 21.6 MVAR capacitor bank at Rolling Fork, Yazoo City Municipal, Carthage, Tylertown, Senatobia, and Plum Point 115 kV substations. Upgrade one 21.6 MVAR capacitor bank at McComb to 32.4 MVAR. Split existing 32.4 MVAR capacitor banks at Hernando, Hollandale, Port Gibson, and Fayette into (2) 21 MVAR cap banks.	EMI	Spring 2011	Approved	Design/Scoping	

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Completed, Displaced, Supplemental, and Future Projects				As Posted on Entergy's OASIS 03-08-2010					
ICT Project No.	Project Name	Entergy LE	Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
			Supplemental	Ouachita Transmission Service Move Sterlington 600 MVA auto to Baxter Wilson 500 (Second 500-115 kV auto)	EMI	Summer 2012	Approved	Design/Scoping	Final ISD's to be determined
			Supplemental	TVA Affected System Upgrades Morton 115 kV Substation: Upgrade 600 A Switches to 1200 A South Jackson - Florence 115 kV Line: Upgrade to at least 240 MVA	EMI	Spring 2010	Approved	Construction	Switches at Morton Completed
			Supplemental	Grand Gulf Uprate Project Upgrade Harburg 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.
POTENTIAL FUTURE BASE PLAN PROJECTS									
BP08-027	Trumann-Trumann West 161 kV Line Upgrade	EAI		TARGET AREA: Jonesboro Area: Construct New 500/161 kV Substation	EAI				Long range project targeted to alleviate overloads - Potential Target Year: 2015
BP-09-038	Upgrade Norfolk - Calico Rock 161kV	EAI		TARGET AREA: Norfolk to Sage 161 kV Line: Upgrade	EAI				Long range project targeted to alleviate overloads - Potential Target Year: 2015
BP-09-039	Calico Rock - Melborne 161kV Upgrade to at least 156MVA	EAI							
BP-10-101	NLR Dixie-NLR Lakewood 115 kV Line Upgrade	EAI							
BP-10-102	Bull Shoals-Midway Jordan 161 kV Line Upgrade	EAI		TARGET AREA: Bull Shoals - Midway 161 kV Line: Upgrade	EAI				Long range project targeted to alleviate overloads - Potential Target Year: 2018
BP-10-103	Norfolk-Southland 161 kV Line Upgrade	EAI							
BP-10-104	Gobel 230/115 kV Substation	EAI		TARGET AREA: Gobel Substation build at crossing point, Wabbaskeka Cap Bank, ULM Cap Bank - scope 2008 (Marvel South)	EAI				Long range project targeted to improve reliability between Stuttgart and Helena - Potential Target Year: 2018
BP-10-105	Cheetah-Hot Springs Village 115 kV Line Upgrade	EAI							
BP-09-036	Champagne 138 kV Capacitor Bank	EGSL		TARGET AREA: Champagne - Add 115 kV Capacitor Bank	EGSL				Long range project to provide voltage support during contingency outages (Potential Target Year 2015)
BP-10-106	Upgrade Port Hudson-Zachary REA 69 kV Line	EGSL							
BP-09-004	Cecelia-Semere 138 kV Upgrade	EGSL							
BP-09-037	Jaguar-Esso Tap 230 kV Upgrade	EGSL							
BP-10-107	Gonzales-Sorrento 138 kV Line Upgrade to at least 184 MVA	EGSL							
BP-10-108	Sorrento 138-115 kV Auto Upgrade to at least 191 MVA	EGSL							
BP-10-109	Chlomal to Lacasine	EGSL		TARGET AREA: Chlomal-Lacasine: Upgrade 69kV line and install breaker	EGSL				Long range project targeted to increase reliability of 69kV system. (Potential Target Year 2015)
BP-10-110	Move the normally open point from Burton-Dixie Sulphur to Dixie Sulphur-Canal 69 kV	EGSL							
BP-10-111	Scott-Rayne 138 kV Line Upgrade	EGSL							
BP-10-112	Lake Arthur-Area 69 kV Capacitor Bank	EGSL							
BP-10-113	Mossville to Alfol 69 kV Line Upgrade	EGSL		TARGET AREA: Construct new 69 kV line from Mossville to Alfol	EGSL				Long range project targeted to increase reliability of 69kV system. (Potential Target Year 2014)
BP-10-114	Gypsy-Claytonia 115 kV Line Upgrade	ELL							
BP-10-115	Claytonia-Area 115 kV Capacitor Bank	ELL							
BP-10-116	Bogue Chitto 500 kV Project: -Construct new 500 kV switching station on the Daniel to McKnight-500 kV line- -Construct a new 500 kV line from Bogue Chitto to Bogalusa- Complete ring bus at Bogalusa-	ELL	Potential to displace Brookhaven-Mallitieu 115 kV Upgrade BP-09-021 and Norfield-Mallitieu 115 kV BP-09-022	Bogue Chitto 500 kV Project: -Construct new 500 kV switching station on the Daniel to McKnight-500 kV line- -Construct a new 500 kV line from Bogue Chitto to Bogalusa- Complete ring bus at Bogalusa-	ELL	2013	Proposed & In Target	Design/Scoping	Requires coordination with neighboring utilities. Replaces Brookhaven to Mallitieu and Mallitieu to Norfield projects identified in ICT Base Plan.
BP-10-117	Andrus 230/115 kV Auto Upgrade	EMI							
BP-10-118	Clearwater-Senatobia 115kV Line Upgrade	EMI							
BP-10-119	Greenbrook-Hornlake 115kV Line Upgrade	EMI							
BP-10-120	South Jackson-East Jackson 115 kV Line Upgrade	EMI							

ICT 2010 BASE PLAN

Final (Update 0) - January 2010

Final (Update 1) - February 2010

Final (Update 2) - March 2010

TABLE 2: All Other Projects

Completed, Displaced, Supplemental, and Future Projects

Entergy Final 2010-2012 Construction Plan Update 1 - for comparison only

As Posted on Entergy's OASIS 03-08-2010

ICT Project No.	Project Name	Entergy LE	Note	CP Project Name	CP LE	CP Current Projected In-Service	2010 Funding Comments	CP Project Status	CP Other Comments
BP-08-043A3	Western Region Reliability Improvement Plan Phase 3 Interim Add Alden SVC	ETI		TARGET AREA: Western Region Reliability Improvement Plan Phase 3 Interim Add Alden SVC	ETI				Potential Target Year of 2015
BP-10-121	Conroe Area Switch Station: Longmire-Fishcreek/Conroe-Woodhaven 138 kV Tie	ETI	Tubular-Dobbin OL & Fishcreek UV	TARGET AREA: Conroe area switching station - tie lines Longmire to Fish Creek and Conroe to Woodhaven 138 lines together.	ETI				Long range project to increase reliability in the Egypt / Fish Creek area. (Potential Target Year 2013)
BP-10-122	New Long John - Dayton 138 kV Line Upgrade	ETI		TARGET AREA: Upgrade Cleveland-Dayton Bulk 138kV					Long range project to increase reliability in the Dayton area. (Potential Target Year 2013)
BP-10-123	Dayton Bulk 138 kV Capacitor Bank Expansion	ETI		TARGET AREA: Expand Cap Banks at Dayton Bulk 138kV	ETI				Potential Target Year of 2017

Table 2 ICT Legend
Completed Projects
Displaced 2009 Base Plan Projects
Supplemental Projects Not Otherwise Listed
Potential Future Base Plan Projects
Modification in Red

TABLE 2 ENTERGY LEGEND
2010 - 2012 Draft Construction Plan Rev 2 (Summit Version)
New Addition
Modification
Target Area

ICT/Entergy 2010-2012 Base and Construction Plan

Project Driver	Project Description	Cost Allocation Guideline	Project Category
Block load addition	Projects needed to accommodate the addition of block loads beyond expected normal load growth	Attachment T	CP (load related)
Load growth	Projects needed to reliably serve expected normal load growth	Attachment T	CP (load related)
Transmission Reliability - Maintaining Infrastructure	Projects needed to maintain existing infrastructure or existing levels of reliability	Attachment T	CP (AM related)
Transmission Reliability - Meeting Planning Criteria	Projects needed to meet NERC Reliability Standards, SERC Supplements, and Entergy Transmission Local Planning	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
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Proposed & In Target	Project is currently funded for scoping and preliminary engineering and the expected construction commencement date is within the 3-year Construction Plan horizon
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Caveats!

This list of approved and proposed projects is fluid.

Budget adjustments throughout the year could alter this list.

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

Notes:

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

Addendum: Identified Target Areas

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