



Control Number: 36487



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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
April 2009

Public Utility Commission of Texas
Project No. 36487

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated or Actual Start Date	Finish Date (Commission Request)	Date Energized (if Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Upgraded or New Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
40903389	S. Abilene to Pecos 138KV line capacity upgrade	Taylor, Callahan Counties	Replace approximately 35% of existing wood H-frame structures with taller H-frame steel structures and add some additional dead ends	10/1/2007	7/1/2009			\$ 4,096,800				138		38.4	40 ACSR	Steel H-Frame	Centerline defined	38.4			Subst. Rule 25.101 (c)(5) (b)	No new ROW required, increases loading capacity and improves reliability
4076903A	Rebuild and Reconnector Abilene Plant to Emdale 69KV line	Taylor, Callahan	Rebuild and Reconnector of 69KV line from Abilene Plant to Emdale (Capable of double circuit 138KV)	10/1/2007	2/1/2008			\$ 2,595,000				69KV		4.9	795 ACSR	Single pole steel	centerline	2.59	100	2.31	Sub. Rule 25.101(c)(5)(B)	Majority of rebuild conductor is in existing City of Abilene ROW and will be moved from within Abilene ROW to supplement easement obtained Where consent not obtained the structure will not be upgradable to 138 KV
40984456	Yellow Jacket Substation Distribution Bank	Menard	Add 1-10MVA 69KV distribution bank	7/1/2008	7/1/2009			\$ 927,500			95%										Pursuant to Sub. Rule 25.83 (a)(3)	
40946682	Eldorado Live Oak Substation Auto Addition	Schleicher	Add second 138/69KV auto (LTC)	7/1/2008	6/1/2009			\$ 3,972,000			95%	138KV									Pursuant to Sub. Rule 25.83 (a)(3)	
40776769	Ballinger Substation Auto Addition	Runnels	Add power bank (LTC) & relaying (Phase 1)	7/1/2008	4/30/2009			\$ 3,756,200			100%										Pursuant to Sub. Rule 25.83 (a)(3)	
41033032	Barrilla Substation Relay Project	Pecos	Relay and transfer trip added to the Barrilla to Ft. Stockton 69KV line	5/1/2008	11/1/2009			\$ 393,000			50%										Pursuant to Sub. Rule 25.83 (a)(3)	
41033474	Big Lake Substation PST Addition	Reagan	Install 138KV, 150KVA PST with associated bus work and breakers	6/1/2009	12/30/2010			\$ 4,752,000			0%										Pursuant to Sub. Rule 25.83 (a)(3)	
41086651	Crane Substation Cap Bank and DRCS Addition	Crane	Install 2nd cap bank & DRCS work	5/28/2008	8/1/2009			\$ 1,072,600													Pursuant to Sub. Rule 25.83 (a)(3)	
41046787	Fried Ranch Substation Cap Bank and DRCS Addition	Crockett	Install cap bank and DRCS work	6/1/2008	6/1/2009			\$ 1,072,600			95%										Pursuant to Sub. Rule 25.83 (a)(3)	
41067655	Ft. Stockton Plant Substation Relay & switch Project	Pecos	Add transfer trip, carrier & relaying	6/1/2008	10/1/2009			\$ 250,000			75%										Pursuant to Sub. Rule 25.83 (a)(3)	
41033481	McCamery Breaker Replacement	Upton	Install new breaker on N McCamery / W Yates line	7/1/2008	4/5/2009			\$ 800,100			95%										Pursuant to Sub. Rule 25.83 (a)(3)	
41048547	Rio Pecos Substation Upgrade	Crockett	Add 2nd auto with 69KV ring bus and termination for TNMP	7/1/2008	9/1/2009			\$ 4,463,693			80%										Pursuant to Sub. Rule 25.83 (a)(3)	
41048429	Rio Pecos Substation SVC and DRCS Addition	Crockett	Install SVC and remove DRCS	6/1/2008	12/3/2009			\$ 5,346,383			40%										Pursuant to Sub. Rule 25.83 (a)(3)	
41013925	Ft. Phantom Plant Transmission Controls Relocation	Jones	Movement of transmission facilities controls from Plant Control Room to new TNC switch-house off plant property	4/15/2008	11/30/2009			\$ 2,800,000			100%										Pursuant to Sub. Rule 25.83 (a)(3)	

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TC012108	Lake Pauline Plant Transmission Controls Relocation	Hardeman	Movement of transmission facilities controls from Plant Control Room to new TNC switch-house off plant property	6/1/2008	5/1/2009			\$ 5,500,000			98%										Pursuant to Sub. Rule 25.93 (e)(3)	
4094056	SAPS Plant Transmission Controls Relocation	Tom Green	Movement of transmission facilities controls from Plant Control Room to new TNC switch-house off plant property	9/1/2008	4/30/2009			\$ 4,500,000			98%										Pursuant to Sub. Rule 25.93 (e)(3)	
41022877A	Rebuild and Reconfigure Bluff Creek to Oak Creek	Taylor, Nolan, Runnels, Coke	Rebuild and Reconfigure of 138KV line from Bluff Creek to Oak Creek (capable of double circuit 138KV operation)	7/7/2008	12/30/2008			\$17,550,000			99%	138		20.79	Bundled 795 ACSR	Single pole concrete and steel	centerline	20.79			Subst. Rule 25.101 (c)(5)(B)	No new ROW required to increase loading capacity and improve reliability
41022877B	Oak Creek/Bluff Creek Harpin into new Nicole Station	Coke	New 138KV Harpin off the existing Bluff Creek/Oak Creek line into new Nicole Station	9/8/2008	12/31/2008			\$700,000			95%	138		1	Bundled 795 ACSR	Single pole concrete and steel			150	0.5	Subst. Rule 25.101 (c)(5)(A)	Consents obtained
40905752	Menard to Yellowjacket 138 KV double circuit capable transmission line	Menard	Reconstruct a portion of line existing 69 KV Menard to Eden transmission line for 138 KV operation and terminate into the new Yellowjacket Substation. Initially operated as a single circuit 138 KV line	3/16/2009	5/15/2009			\$ 1,259,887			0%	69	138	0.85	795 ACSR	single pole steel and concrete	centerline	0.85			Sub. Rule 25.101(c)(5)(B)	No new ROW required.
40965592	Steamboat Switch Station	Taylor	Construct new 138 KV Switch Station	9/1/2008	12/31/2010			\$ 4,385,100			30%	138									Pursuant to Sub. Rule 25.93 (e)(3)	Improve transmission service reliability to load in area
41203149	Swenson - sectionalize switches	Stonewall	Replace two existing line switches - add SCADA	3/1/2009	6/30/2009			\$ 990,200				69			336 ACSR	H-frame	centerline				Pursuant to Sub. Rule 25.93 (e)(3)	Construction within existing ROW
41203159	Peacock - sectionalize switches	Stonewall	Relocate two existing line switches - Add SCADA	3/1/2009	6/30/2009			\$ 990,200				69			336 ACSR	H-frame	centerline				Pursuant to Sub. Rule 25.93 (e)(3)	Construction within existing ROW
41047460	Red Creek - Oak Creek into Nicole	Coke, Runnels, Tom Green	Terminate Red Creek and Oak Creek 138KV	4/1/2009	6/1/2009			\$ 4,113,700				138	138	0.64	Bundled 795 ACSR	Single Pole steel	100'	0.64			Pursuant to Sub. Rule 25.101 (c)(5)(A)	Construction within existing ROW
41170128	Oklahoma 138KV yard	Wilbarger	Add breaker on RAT - upgrade relying on Vernon Main Line, reconfigure bus	3/30/2009	12/31/2009			\$ 900,000				138									Pursuant to Sub. Rule 25.93 (e)(3)	Improve transmission service reliability to load in area