



Control Number: 36487



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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
February 2009

Public Utility Commission of Texas
Project No. 36487

Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Completion)	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
0769903	Rebuild Elm Dale - Clyde 69-kV line	Taylor, Callahan Co (City of Clyde)	Rebuild and Reconnector the 69-kV line from Elm Dale to Clyde (138-kV double ckt. capable)	4/27/2007	5/21/2008			\$ 8,468,192	\$8,658,729	2%	100%	69	69	8.5	795 ACSR	Single pole steel	centerline	8.5	100	7.4	Sub Rule 25.101(c)(5)(B)	Consent obtained from majority of landowners to supplement existing easement. Where consent not obtained the structure will not be upgradable to 138 kV
0839051	Whinwind Generation Interconnect	Molloy County City of Malador	Modify Malador Substation to accept new 69 kV line from wind farm. Substation equipment upgrades at other local substations for increase power transfer	5/3/2007	9/24/2007	9/25/2007		\$ 3,597,100	\$2,690,576	-25%	100%	69	69								Pursuant to Sub Rule 25.83 (a)(3)	
0833618	Yellow Jacket Sub	Menard Co	Construct new transmission substation - Add two 90 MVA autos 69/138kV LTC with cap banks & SCADA	4/3/2007	12/31/2008			\$ 7,945,000	\$8,345,122	5%	100%	138	138								Pursuant to Sub Rule 25.83 (a)(3)	Regulatory requirements for out- in lines
0806389	S Abilene to Putnam 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	12/31/2008			\$ 4,098,800				138		36.4	410 ACSR	Steel H-Frame	Centerline defined	36.4			Subst. Rule 25.101 (c)(5) (B)	No new ROW required. Increases loading capacity and improves reliability
40772038	Rebuild and Reconnector Clyde to Putnam 69kV line	Callahan	Rebuild and Reconnector of 69kV line from Clyde to Putnam (capable of double circuit 138kV operation)	11/12/2007	11/1/2008			\$ 21,215,766	\$10,158,958	-52%	100%	69kV		19.6	795 ACSR	Single pole steel	centerline	3.08	100	16.52	Sub Rule 25.101(c)(5)(B)	Consent obtained from majority of landowners to supplement existing easement. Where consent not obtained the structure will not be upgradable to 138 kV
40765392	Rebuild and Reconnector Elm Creek to Shelton St. 69kV line	Taylor	Rebuild and Reconnector of 69kV line from Abilene Elm Creek to Shelton St (capable of single ckt 138-kV operation)	10/15/2007	6/1/2008	6/1/2008		\$ 5,182,300	\$3,066,579	-41%	100%	69kV		2.62	795 ACSR	Single pole steel	centerline	2.62	n/a	2.62	Sub Rule 25.101(c)(5)(B)	City of Abilene ROW City Noted.
0769903A	Rebuild and Reconnector Abilene Plant to Elm Dale 69kV line	Taylor, Callahan	Rebuild and Reconnector of 69kV line from Abilene Plant to Elm Dale (Capable of double circuit 138kV)	10/15/2007	2/1/2008			\$ 2,589,000				69kV		4.9	795 ACSR	Single pole steel	centerline	2.59	100	2.31	Sub Rule 25.101(c)(5)(B)	Majority of landowners to supplement existing easement has been obtained. Where consent not obtained the structure will not be upgradable to 138 kV
41020010	McAdoo Wind Tap	Dickens	McAdoo Wind Farm/Inventory Wind farm - build temp tap	4/4/2008	7/31/2008	8/4/2008		\$ 386,500	\$247,292	-36%	100%	138kV					centerline				Pursuant to Sub Rule 25.83 (a)(3)	Replacement of three structures with two deadends within existing ROW
41017146	Spur Substation Reconfiguration	Dickens	Relocate bays to accommodate wind farm power flow	3/3/2008	12/31/2008	11/4/2008		\$ 1,880,000	\$1,247,140	-34%	100%										Pursuant to Sub Rule 25.83 (a)(3)	
40864456	Yellow Jacket Substation Distribution	Menard	Add 1-10MVA 69kV distribution bank	7/1/2008				\$ 927,500			95%										Pursuant to Sub Rule 25.83 (a)(3)	

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40946882	Eldorado Live Oak Substation Auto Addition	Schleicher	Add second 138kV auto (LTC)	7/1/2008	3/1/2009			\$ 3,972,000			80%	138kV									Pursuant to Sub Rule 25.83 (a)(3)	
40716769	Baling Substation Auto Addition	Runnels	Add power bank (LTC) & relaying (Phase 1)	7/1/2008	9/15/2008			\$ 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	8/1/2008			\$ 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	10/1/2009			\$ 4,752,000													Pursuant to Sub Rule 25.83 (a)(3)	
41066651	Crane Substation Cap Bank and DRCS Addition	Crane	Install 2nd cap bank & DRCS work	5/20/2008	8/15/2008			\$ 1,072,600													Pursuant to Sub Rule 25.83 (a)(3)	
41046797	Friend Ranch Substation Cap Bank and DRCS Addition	Crockett	Install cap bank and DRCS work	6/1/2008	9/15/2008			\$ 1,072,600			70%										Pursuant to Sub Rule 25.83 (a)(3)	
41087955	Ft. Stockton Plant Substation Relay & switch Project	Pecos	Add transfer trip, carrier & relaying	6/1/2008	8/1/2008			\$ 250,000			75%										Pursuant to Sub Rule 25.83 (a)(3)	
41033481	McCarney Breaker Replacement	Upton	Install new breaker on N McCamey / W Yates line	7/1/2008	9/1/2008			\$ 800,100			75%										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	3/1/2009			\$ 4,463,663			75%										Pursuant to Sub Rule 25.83 (a)(3)	
41048429	Rio Pecos Substation SVC and DRCS Addition	Crockett	Install SVC and remove DRCS	6/15/2008	9/30/2009			\$ 5,346,383													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	11/30/2008			\$ 2,800,000			99%										Pursuant to Sub Rule 25.83 (a)(3)	
TC012106	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	3/31/2009			\$ 5,500,000			95%										Pursuant to Sub Rule 25.83 (a)(3)	
40944056	SAFS 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	3/31/2009			\$ 4,500,000			95%										Pursuant to Sub Rule 25.83 (a)(3)	
4102877A	Rebuild and Reconnector Bluff Creek to Oak Creek	Taylor, Nolan, Runnels, Coke	Rebuild and Reconnector of 138kV line from Bluff Creek to Oak Creek (capable of double circuit 138kV operation)	7/7/2008	12/30/2008			\$17,550,000	\$13,142,694	-25%	100%	138		20.79	Bundled 795 ACSS	Single pole concrete and steel	centerline	20.79			Subst. Rule 25.01 (c)(5)(8)	No new ROW required. Increases loading capacity and improves reliability.
4102877B	Oak Creek/Bluff Creek Hairpin into new Nicole Station	Coke	New 138kV hairpin off the existing Bluff Creek and into new Nicole Station	9/8/2008	12/31/2008			\$700,000			90%		138	1	Bundled 795 ACSS	Single pole concrete and steel			150	0.5	Subst. Rule 25.01 (c)(5) (A)	Consents obtained

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1020010A	Spur to Salt Creek line	Dickens	Construct 1/3 mile of 138kV transmission line to accommodate wind farm connection	9/1/2008	10/31/2008	10/31/2008		\$ 955,948	\$611,739	-35%	100%		138	0.3	795 ACSR	Single pole steel	corridor			0.3	Sub Rule 25.101(c)(5)(A)	Landowner Consent
411020044	Spur to Aspermont line	Dickens	Relocate two structures to accommodate wind farm line terminations	9/1/2008	10/31/2008	10/31/2008		\$ 754,495	\$471,964	-37%	100%	138		0.1	477 ACSR	Single pole steel	corridor	0.1			Sub Rule 25.101(c)(5)(B)	Landowner Consent
40905752	Menard to Yellowjacket 138 kV double circuit capable transmission line	Menard	Reconstruct a portion of the existing 69 kV Menard to Eden transmission line for 138 kV operation and a terminal at the new Menard Substation. Initially operated as a single circuit 138 kV line.	3/16/2009	5/15/2009			\$ 1,258,887		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.
40865592	Steamboat Switch Station	Taylor	Construct new 138 kV Switch Station	9/1/2008	8/1/2009			\$ 4,365,100		30%		138									Pursuant to Sub Rule 25.83 (a)(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 25.83 (a)(3)	Construction within existing ROW
41203159	Pleacock - 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 25.83 (a)(3)	Construction within existing ROW