



Control Number: 36487



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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
October 2009

Public Utility Commission of Texas
Project No. 36487

Item's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Company)	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)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
40906389	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	3/31/2009	\$ 4,096,800	\$ 4,096,800			100	138		36.4	40 ACSR	Steel H-Frame	Centerline defined	36.4		25 101 (c)(5) (B)	No new ROW required increases loading capacity and improves reliability
4076903A	Rebuild and Reconnect Abilene Plant to Elmdale 69kV line	Taylor, Callahan	Rebuild and Reconnect of 69kV line from Abilene Plant to Elmdale (Capable of double circuit 138kV)	10/15/2007	2/1/2008		\$ 2,589,000					69kV		4.9	795 ACSR	Single pole steel	centerline	100	2.31	25 101(c)(5) Supplemental easement (B)	Majority of rebuild/reconnect is in existing City of Abilene ROW and where consent from Abilene ROW has been 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	7/15/2009		\$ 927,500				99%									Pursuant to Sub. Rule 25.83 (e)(3)	
40946662	Eldorado Live Oak Substation Auto Addition	Schleicher	Add second 138/69kV auto (LTC)	7/1/2008	6/18/2009		\$ 3,972,000				99%	138kV								Pursuant to Sub. Rule 25.83 (e)(3)	
41033032	Barrilla Substation Relay Project	Pecos	Relay and transfer trip added to the Barrilla to Ft. Stockton 69kV line	6/1/2008	11/1/2009		\$ 383,000				99%									Pursuant to Sub. Rule 25.83 (e)(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				10%									Pursuant to Sub. Rule 25.83 (e)(3)	
41069551	Crane Substation Cap Bank and DRCS Addition	Crane	Install 2nd cap bank & DRCS work	5/26/2008	9/15/2009		\$ 1,072,500													Pursuant to Sub. Rule 25.83 (e)(3)	
41046787	Friend Ranch Substation Cap Bank and DRCS Addition	Crockett	Install cap bank and DRCS work	6/1/2008	6/1/2009		\$ 1,072,500				99%									Pursuant to Sub. Rule 25.83 (e)(3)	
41067655	FL Stockton Plant Substation Relay & switch Project	Pecos	Add transfer trip, carrier & relaying	6/1/2008	10/1/2009		\$ 250,000				99%									Pursuant to Sub. Rule 25.83 (e)(3)	
41033481	McCammy Breaker Replacement	Upton	Install new breaker on N McCammy / W Yates line	7/1/2008	4/5/2009		\$ 800,100				99%									Pursuant to Sub. Rule 25.83 (e)(3)	
41048547	Rio Pecos Substation Upgrade	Crockett	Add 2nd auto with 69kV ring bus and termination for TNMP	7/1/2008	9/1/2009		\$ 4,463,963				95%									Pursuant to Sub. Rule 25.83 (e)(3)	
41048423	Rio Pecos Substation SVC and DRCS Addition	Crockett	Install SVC and remove DRCS	6/15/2008	12/3/2009		\$ 5,346,383				99%									Pursuant to Sub. Rule 25.83 (e)(3)	
41013825	FL Phantom Plant 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				100%									Pursuant to Sub. Rule 25.83 (e)(3)	

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2012106	Lake Pauline Plant Transmission Controls Relocation	Hardenman	Movement of transmission facilities controlling Pauline Plant Control Room to new TNC switch-house off plant property	6/1/2008	5/1/2009		\$ 5,500,000				99%										Pursuant to Sub Rule 25.83 (e)(3)	
0944056	SAPS Plant Transmission Controls Relocation	Tom Green	Movement of transmission facilities controlling SAPS Plant Control Room to new TNC switch-house off plant property	9/1/2008	4/30/2009		\$ 4,500,000				99%										Pursuant to Sub Rule 25.83 (e)(3)	
022877A	Rebuild and Re-conductor of 138kV line from Bluff Creek to Oak Creek	Taylor, Nolan, Runnels, Coke	Rebuild and Re-conductor 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 ACS	Single pole concrete and steel	centerline	20.79			Subst. Rule 25.101 (c)(5)(B)	No new ROW required. Increases loading capacity and improves reliability.
022877B	Oak Creek/Bluff Creek Halpin into new Nicole Station	Coke	New 138kV halpin off the existing Bluff Creek/Oak Creek line into new Nicole Station	9/8/2008	12/31/2008		\$700,000				99%	138		1	Bundled 795 ACS	Single pole concrete and steel			150	0.5	Subst. Rule 25.101 (c)(5) (A)	Consents obtained
0605752	Menard to Yellowjacket 138 kV double circuit capable transmission line	Menard	Reconstruct a portion of the existing 99 kV line from Eden operation and terminate into the new Yellowjacket Substation. Initially operated as a single circuit 138 kV line.	3/16/2009	5/15/2009		\$ 1,258,887				99%	69	138	0.85	795 ACS	single pole steel and concrete	centerline	0.85			Sub. Rule 25.101(c)(5)(B)	No new ROW required
0605592	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 25.83 (e)(3)	Improve transmission service reliability to load in area. Project deferred
41203149	Swenson - sectionalize switches	Stonewall	Replace two existing line switches and SCADA	3/1/2009	6/30/2009		\$ 990,200					69			335 ACS	H-frame	centerline				Pursuant to Sub Rule 25.83 (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			335 ACS	H-frame	centerline				Pursuant to Sub Rule 25.83 (e)(3)	Construction within existing ROW
41017460	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				99%	138	138	0.64	Bundled 795 ACS	Single Pole steel	100'	0.64			Pursuant to Sub 25.101 (c)(5)(A)	Construction within existing ROW
41170128	Oklahoma 138kV yard	Wilbarger	Add breaker on RAT, upgrade relaying on Vernon Main Line, reconfigure bus	3/30/2009	12/31/2009		\$ 900,000					138									Pursuant to Sub. Rule 25.83 (e)(3)	Improve transmission service reliability to load in area.
41137634	W Childress	Childress	New terminal addition to existing sub	5/20/2009	12/31/2009		\$ 558,000					138									Pursuant to Sub. Rule 25.83 (e)(3)	New terminal addition to existing sub
40833618	Yellow Jacket 138/69 kV CCN Project	Menard, City of Menard	Construct 0.8 miles of new 69/138 kV double circuit line and add 0.83 mile 69 kV circuit on existing double circuit capable line	10/2/2009	2/15/2010		\$1,156,333				30%		69/138 & 69	2.45	795 ACS	Single Pole steel	centerline	0.85	100	1.65	36210	CCN Approved May 29, 2009

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1271572	Santiago - 3 switch Box Structure	Tom Green	Construct 3 switch Box Structure on SAGELE Colorado Live Oak 138kV line	8/7/2009	10/6/2009			\$ 458,100				138				steel frame structure	100				Sub Rule 25-101(c)(5)(B)	Existing ROW
1137668a	W Childress to Henry CCN for new 69 kV Circuit	Childress	Reconstruct existing 138 kV line as a new 138/69 kV transmission line	9/15/2009	12/31/2009		\$ 1,431,834					138	69/138	0.81	795 ACSR	Single pole steel	centerline		100'	0.81	36463	CCN Approved June 30, 2009
1137668b	Henry to Childress 20th CCN for new 69 kV Circuit	Childress	Reconstruct a portion of an existing 138 kV line as a new 138/69 kV transmission line and add short section of new double circuit capable line	11/30/2009	2/1/2010		\$ 2,076,851					138	69/138	0.58	795 ACSR	Single pole steel	centerline		100'	0.58	37246	CCN Approved October 7, 2009