



Control Number: 37857



Item Number: 142

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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
July 2010

Public Utility Commission of Texas
Project No. 37857

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	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	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
40906389	S Abilene to Purnam 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				100	138		36.4	4/0 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.
40769903A	Rebuild and Reconduct Abilene Plant to Elmdale 69kV line	Taylor, Callahan	Rebuild and Reconductor 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	2.59	100	2.31	Sub Rule 25 101(c)(5) B)	Majority of rebuild/reconductor is in existing City of Abilene ROW and where consent from landowners to supplement easement has been obtained. Where consent not obtained the structure will not be upgradable to 138 kV.
40864456	Yellow Jacket Substation Distribution Bank	Menard	Add 1-10MVA, 69kV distribution bank	7/1/2008	7/15/2009	2/8/2010	\$ 927,500	\$ 718,699	-23%	100%											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	6/18/2009	5/28/2009	\$ 3,972,000	\$ 6,537,716	65%	100%		138kV									Pursuant to Sub Rule 25 83 (a)(3)	
41033032	Bartlia Substation Relay Project	Pecos	Relay and transfer trip added to the Bartlia to Ft. Stockton 69kV line	5/1/2008	11/1/2009	8/10/2009	\$ 393,000	\$ 726,611	85%	100%											Pursuant to Sub Rule 25 83 (a)(3)	
41068651	Crane Substation Cap Bank and DRCS Addition	Crane	Install 2nd cap bank & DRCS work	5/28/2008	8/15/2009		\$ 1,072,600	\$ 1,491,583	39%	100%											Pursuant to Sub Rule 25 83 (a)(3)	Not energized due to clearances
41046787	Friend Ranch Substation Cap Bank and DRCS Addition	Crockett	Install cap bank and DRCS work	6/1/2008	6/1/2009	12/9/2009	\$ 1,072,600	\$ 187,672	-83%	100%											Pursuant to Sub Rule 25 83 (a)(3)	
41067955	Ft. Stockton Plant Substation Relay & switch Project	Pecos	Add transfer trip, corner & relaying	6/1/2008	10/1/2009	8/10/2009	\$ 250,000				100%										Pursuant to Sub Rule 25 83 (a)(3)	
41033481	McCarney Breaker Replacement	Upton	Install new breaker on N McCarney / W Yates line	7/1/2008	4/5/2009	3/31/2009	\$ 800,100	\$ 1,491,583	86%	100%											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	12/31/2009	\$ 4,463,663				99%										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	12/3/2009	12/31/2009	\$ 5,346,383				99%										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	8/12/2009	\$ 2,800,000	\$ 2,368,179	-15%	100%											Pursuant to Sub Rule 25 83 (a)(3)	
TC012106 41107495	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	4/30/2008	\$ 5,500,000	\$ 4,845,201	-12%	100%											Pursuant to Sub Rule 25 83 (a)(3)	New work order was created when project transferred to PM.

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40944056	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	12/31/2009		\$ 4,500,000	\$ 4,761,810	6%	100%										Pursuant to Sub Rule 25.83 (a)(3)	
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 terminate into the new Yellowjacket Substation. Initially operated as a single circuit 138 kV line	3/16/2009	5/15/2009	2/3/2009		\$ 1,258,887			99%	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
41203149	Swenson - sectionalize switches	Stonewall	Replace two existing line switches - add SCADA	3/1/2009	6/30/2009	6/18/2009		\$ 990,200			100%	69			336 ACSR	H-frame	centerline				Pursuant to Sub Rule 25.83 (a)(3)	Construction within existing ROW
41203159	Peacock - sectionalize switches	Stonewall	Relocate two existing line switches - Add SCADA	3/1/2009	6/30/2009	6/19/2009		\$ 990,200			100%	69			336 ACSR	H-frame	centerline				Pursuant to Sub Rule 25.83 (a)(3)	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	11/6/2009		\$ 900,000			99%	138									Pursuant to Sub Rule 25.83 (a)(3)	Improve transmission service reliability to load in area
41137634	W Childress 20th Street	Childress	RTU and two-way switch	5/20/2009	12/31/2009	2/5/2010		\$ 558,000			100%	69									Pursuant to Sub Rule 25.83 (a)(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 0.85 mile 69 kV circuit on existing double ckt capable line	10/2/2009	2/15/2010	5/1/2009	\$1,158,333				100%		69/138 & 69	2.45	795 ACSR	Single Pole steel	centerline	0.85	100	1.65	36210	CCN Approved May 29, 2009
41137666a	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	12/10/2009	\$ 1,431,834				100%	138	69/138	0.81	795 ACSR	Single pole steel	centerline		100'	0.81	36463	Transferred to ETT in Docket No. 37522
41137666b	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 ckt capable line	12/2/2009	2/5/2010	3/21/2010	\$ 2,076,851				100%	138	69/138	0.58	795 ACSR	Single pole steel	centerline		100'	0.58	37248	Transferred to ETT in Docket No. 37522
41084920	Cisco Sub	Eastland	Replace existing 69/12kV substation with 138/12 kV substation	3/15/2010	5/31/2011			\$ 3,977,800				69	138								Pursuant to Sub Rule 25.83 (a)(3)	
41415916	Putnam Sub	Callahan	Add 2 138kV line bays to existing 138kV ring bus	4/26/2010	5/31/2011			\$ 4,820,900				138									Pursuant to Sub Rule 25.83 (a)(3)	
41363034	Mathis Field 69 kV Line Relocation	San Angelo, Tom Green	Relocate approximately 1 mile of 69 kV transmission line at the request of City of San Angelo	5/24/2010	7/30/2010			\$ 904,101			90%	69		1.1	477 ACSR Hawk	Single pole steel	100'			1.1	Pursuant to Sub Rule 25.101 (c)(5)(D)	New ROW provided by and relocation cost paid by City of San Angelo
41137499	W Childress	Childress	New Terminal addition to existing sub			12/10/2009		\$ 552,051			100%	69									Pursuant to Sub Rule 25.83 (a)(3)	

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