



Control Number: 36487



Item Number: 184

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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
August 2009

Public Utility Commission of Texas
Project No. 36487

Utility Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Estimated)	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 Duran 138kV line capacity upgrade	Taylor, Callahan Counties	Replace approximately 35% of existing wood H-frame steel structures with taller H-frame steel structures and add some additional dead ends	10/1/2007	7/1/2009	3/31/2009	\$ 4,086,800				100	138		36.4	400 ACSR	Steel H-Frame	Centerline defined	36.4			Steel Rule 25.101 (c)(5) (B)	No new ROW required increases loading capacity and improves reliability
40789603A	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)	10/15/2007	2/1/2008		\$ 2,889,000					69kV		4.8	795 ACSR	Single pole steel	centerline	2.59	100	2.31	Sub Rule 25.101 (c)(3) (B)	Majority of rebuild/reconnector is in existing City of Abilene ROW and where consent from landowners to easement has been obtained. Where consent not obtained the structure will not be upgradeable to 138 kV
40804456	Yellow Jacket Substation Distribution Bank	Menard	Add 1-10MVA 69kV distribution bank	7/1/2008	7/15/2009		\$ 827,500				98%										Pursuant to Sub Rule 25.83 (a)(3)	
40946882	Eldorado Live Oak Substation Auto Addition	Schleicher	Add second 13869kV auto (LTC)	7/1/2008	6/18/2009		\$ 3,972,000				98%	138kV									Pursuant to Sub Rule 25.83 (a)(3)	
41033032	Burns Substation Relay Project	Pecos	Relay and transfer rps added to Burn to Ft. Stockton 69kV line	5/1/2008	11/1/2009		\$ 393,000				99%										Pursuant to Sub Rule 25.83 (a)(3)	
41033474	Big Lake Substation PST Addition	Reagan	Install 138kV, 150MVA 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)	
41069551	Crane Substation Cap Bank and DRCS Addition	Crane	Install 2nd cap bank & DRCS work	5/28/2008	8/15/2009		\$ 1,072,600														Pursuant to Sub Rule 25.83 (a)(3)	
4106787	Finch Ranch Substation Cap Bank and DRCS Addition	Crockett	Install cap bank and DRCS work	6/1/2008	6/1/2009		\$ 1,072,600				99%										Pursuant to Sub Rule 25.83 (a)(3)	
41067855	Ft. Stockton Plant Substation Relay & Switch Project	Pecos	Add transfer rps, carrier & relaying	6/1/2008	10/1/2009		\$ 250,000				99%										Pursuant to Sub Rule 25.83 (a)(3)	
41033481	McCarney Breaker Replacement	Upton	Install new breaker on N McCarney 110V Yeale line	7/1/2008	4/2/2009		\$ 800,100				98%										Pursuant to Sub Rule 25.83 (a)(3)	
41045547	Rio Pecos Substation Upgrade	Crockett	Add 2nd auto with 69kV ring bus and termination for TNMP	7/1/2008	9/1/2009		\$ 4,463,863				90%										Pursuant to Sub Rule 25.83 (a)(3)	
41046429	Rio Pecos Substation SVC and DRCS Addition	Crockett	Install SVC and remove DRCS	6/15/2008	12/3/2009		\$ 5,346,383				60%										Pursuant to Sub Rule 25.83 (a)(3)	
41013825	Ft. Phantom Plant Transmission Controls Relocation	Jones	Relocation of transmission facilities control room 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 (a)(3)	

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CONSTRUCTION PROGRESS REPORT
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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 (Estimate or Contract)	Date Energized (if applicable)	Initial 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	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
TC012108	Lake Palestine Plant Transmission Controls Relocation	Hardeman	Movement of transmission facilities controls from Plant Control Room to new TNC switch-house of plant property	6/1/2008	5/1/2009		\$ 5,500,000		99%											Pursuant to Sub Rule 25.83 (a)(3)	
40944056	SAPS Plant Transmission Controls Relocation	Tom Green	Movement of transmission facilities controls from Plant Control Room to new TNC switch-house of plant property	9/1/2008	4/30/2009		\$ 4,500,000		99%											Pursuant to Sub Rule 25.83 (a)(3)	
41022877A	Rebuild and Relocate of 138KV Recloser at Oak Creek	Taylor, Nolan, Runnels, Cole	Rebuild and Relocate of 138KV Recloser at Oak Creek (capable of double circuit 138KV operation)	7/7/2008	12/30/2008		\$17,550,000		89%		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 increase improves reliability
41022877B	Oak Creek/Bluff Creek into new Nicole Station	Cole	New 138KV bluffs at the existing Bluff Creek station and new Nicole Station	9/6/2008	12/31/2008		\$700,000		88%		138	138	1	Bundled 795 ACS	Single pole concrete and steel			150	0.5	Subst. Rule 25.101 (c)(5) (A)	Concerns outlined
40805752	Merand to Yellowjacket 138 KV double circuit capacitor transmission line	Merand	Reconstruct a portion of the existing 69 KV Merand 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		\$ 1,258,887		89%		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
40854592	Sheaball 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 (a)(3)	Improve transmission service reliability to load in area. Project deferred
41203149	Swenson, sectionalize switches	Storwess	Replace two existing line switches - add SCADA	3/1/2008	6/30/2009		\$ 890,200				69			336 ACS	H-frame	centerline				Pursuant to Sub Rule 25.83 (a)(3)	Construction within existing ROW
41203159	Peacock, sectionalize switches	Storwess	Relocate two existing line switches - add SCADA	3/1/2009	6/30/2009		\$ 890,200				69			336 ACS	H-frame	centerline				Pursuant to Sub Rule 25.83 (a)(3)	Construction within existing ROW
41017460	Red Creek - Oak Creek into Nicole	Cole, 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 Rule 25.83 (a)(3)	Construction within existing ROW
41170128	Channon 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 (a)(3)	Improve transmission service reliability to load in area
41137834	W Childress	Childress	New terminal addition to existing sub	5/20/2009	12/31/2009		\$ 558,000				138									Pursuant to Sub Rule 25.83 (a)(3)	New terminal addition to existing sub
40833618	Yellow Jacket 13969 KV CCN Project	Merand, City of Merand	Construct 0.8 miles of new 69/138 KV double circuit line and add 0.85 mile 69 KV circuit on existing double circuit capable line	10/2/2009	2/15/2010		\$1,158,333					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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August 2009**

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Project No. 36487**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Final Date (Anticipated 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	
41271516	Frederick PST Station	Coleman	Add new PST station in Santa Anna to Brownwood 138KV line	7/1/2009	3/31/2009			\$ 8,398,000				138										Pursuant to 25.83 (A)(3)	Moved to ETT Monthly Construction Report
41271572	Santiago - 3 switch Box Structure	Tom Green	Construct 3 switch Box Structure on SAsPSEldorado Live Oak 138KV line	9/7/2009	10/9/2009			\$ 458,100				138				steel frame structure	100					Sub Rule 25.10(C)(6)	Existing ROW
41137866	W Childress to Childress 20th CCH for new 69 KV Circuit	Childress	Reconstruct existing 138 KV line as a new 13869 KV transmission line	9/15/2009	12/31/2009		\$ 1,431,534					138	69/138	0.81	795 ACSR	Single pole steel	centerline		100'	0.81	36463	CCH Approved June 30, 2009	

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