



Control Number: 38987



Item Number: 59

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AEP Texas North Company
CONSTRUCTION PROGRESS REPORT
March 2011

Public Utility Commission of Texas
Project No. 38987

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Completed)	Date Energized (or Application)	Initial Estimated Project Cost (\$)	Final Estimated 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
40906369	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			100	138		36.4	40 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.
4076903A	Rebuild and Reconduct of 69kV Abilene Plant to Elm Dale 69kV line	Taylor, Callahan	Rebuild and Reconduct of 69kV line from Abilene Plant to Elm Dale (Capable of double circuit 138kV)	10/15/2007	2/1/2008	5/30/2008	\$ 2,589,000			99%	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 easement has been obtained. Where consent not obtained the structure will not be upgradable to 138 kV.
41067565	FL Stockton Plant Substation Relay & switch Project	Pecos	Add transfer trip, carrier & relaying	6/1/2008	10/1/2008	8/10/2009	\$ 250,000			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	9/1/2008	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	12/31/2009	12/31/2009	\$ 5,346,383			99%										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				H-frame	centerline				Pursuant to Sub. Rule 25.83 (a)(3)	Construction within existing ROW
41203159	Pecock - sectionalize switches	Stonewall	Relocate two existing line switches - Add SCADA	3/1/2009	6/30/2009	6/18/2009	\$ 990,200			100%	69				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	11/5/2009	\$ 900,000			95%	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
40933618	Yellow Jacket 138/69 kV CCN Project	Menard, City of Menard	Construct 0.8 miles of new 69/138 kV double circuit line and existing 0.85 mile 69kV line to existing double circuit 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	0.65	100	1.65	38210	CCN Approved May 29, 2009

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41064820	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	Purnam Sub	Callahan	Add 2 138kV line bays to existing 138kV ring bus	4/29/2010	5/31/2011			\$ 4,820,900				138									Pursuant to Sub Rule 25.83 (a)(3)	
41353034	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	6/24/2010		\$ 904,101			99%	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
41131499	W Childress	Childress	New Terminal addition to existing sub			12/10/2009		\$ 552,061			100%	69									Pursuant to Sub Rule 25.83 (a)(3)	
41524505	Sput to Aspermont - raise required structures	Dickens / Stonewall	Replace 70 structures in line	10/1/2010	11/15/2010	9/28/2010		\$ 1,812,000			99%	138		45.5	477 ACSR Hawk	H-Frame Single Pole	centerline				Pursuant to Sub Rule 25.101 (c)(5)(B)	Within existing ROW
41534320	Cut-in of SWTEC Rio Pecos Substation	Crockett	69 kV lap line off West Yates to Ft. Lancaster to new SWTEC Rio Pecos Substation	12/1/2010	2/25/2011	2/16/2011		\$755,600			99%	69		0.8	795 Drake ACSR	Single Pole - steel			100	0.8	Sub Rule 25.101(c)(5)(A)	Written consent obtained with ROW
41536039	Cactus Switching Station	Crockett	New 69 kV switch station for cut-in of new SWTEC Rio Pecos Substation	12/1/2010	2/25/2011	2/16/2011		\$849,500			99%	69									Sub Rule 25.83 (a) (3)	
41460992	Bluff Creek Terminals	Taylor	New 345kV terminations for Central Bluff and Brown lines	1/3/2011				\$5,222,000				345									Pursuant to Sub Rule 25.83 (a)(3)	
41538169	McElroy transformer replacement	Crane	Replace 69kV transformer	1/17/2011				\$1,419,000				69									Pursuant to Sub Rule 25.83 (a)(3)	
41516199	Cut-in of Fisher Road Old Line into New Road 345-KV line into new Riley Station	Wilbarger	Cut-in of approximately 0.4 mile of new 345 kV line into the new Riley Station	1/24/2011	5/27/2011	5/27/2011		\$780,880					345	0.4	2-795 Drake ACSR	Single pole steel			150	0.4	Sub Rule 25.101(c)(5)(A)	Written consent obtained with ROW
41516199	Cut-in of Existing Oklaunion to Fisher Road 345-KV line into new Riley Station	Wilbarger	Cut-in of approximately 1.3 mile of new 345 kV line into the new Riley Station	1/24/2011	5/27/2011			\$2,476,315					345	1.3	2-795 Drake ACSR	Single pole steel			150	1.3	Sub Rule 25.101(c)(5)(A)	Written consent obtained with ROW
41601002	Abilene S. Station Add Line Structures	Taylor, Abilene	New structures added to separate two line leaving Abilene South Substation to Abilene Plant Substation	2/18/2011	4/9/2011			\$350,000			0%	69	na	0.50	795 ACSR	Concrete tangents and steel angles and dead ends	na	na	na	na	Sub Rule 25.101 (c)(5)(B)	No new ROW required, TNC Owns Property
41601772	Winters Station Upgrade	Runnels	Replace switches, install full interrupting bottles, motors and SCADA	7/1/2011	9/30/2011			\$775,000			0%	69	na	na	na	na	na	na	na	na	Pursuant to Sub Rule 25.83 (a)(3)	No new ROW required, TNC Owns Property

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41601786	Ballinger Station Upgrade	Runnels	Replace jumpers and add three breakers	10/1/2011	12/31/2011			\$750,000			0%	69	na	na	na	na	na	na	na	na	Pursuant to Sub Rule 25.83 (a)(3)	No new ROW required, TNC Owns Property