



Control Number: 36487



Item Number: 214

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EL PASO ELECTRIC CO.
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
OCTOBER 2009

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 (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 & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PJUC Control Number	Comments
TL145	Montwood to Coyote 115kV Line (12800 Line)	EI Paso, EI Paso	As a part of the overall Eastside Expansion Plan, a new line is to be constructed between Montwood and Coyote Substations. The new line will be constructed utilizing single pole steel structures. The preferred route is approximately 7.8 miles in length	10/15/08			\$1,634,174 T-Line: \$1,055,289 Substation	\$3,729,823 T-Line: \$1,518,869 Substation			97%		115	7.84	954 ACSFR, single conductor, single circuit	90' galvanized steel monopole structures.	Street ROW - franchise	0.29	100, 15' overhang	2.94, 4.61	24866	Substation work approximately 95% Relaying work needs to be completed
TL102	Santa Teresa - Montoya 115 kV Line	EI Paso, EI Paso	Construct approximately 7.19 miles of 115kV transmission line on single pole structures to complete an electrical loop between Santa Teresa Substation (Dona Ana County, NM) and Montoya Substation (EI Paso County, TX). The project is intended to improve service reliability and provide for future electrical load growth in the project area	01/01/10			\$5,335,988 T-Line, \$568,230 Substation						115	7.19	954 ACSFR, single conductor, single circuit	95' galvanized steel monopole structures	Street ROW - franchise	2.29	25, 50, 100	2.29, 4.76, 0.14	26670	Row acquisition continues
TL107	Dyer - Austin - 6400 Line 69 kV Rebuild	EI Paso, EI Paso	EPE will reconstruct and relocate approximately one mile of the existing Dyer - Austin 69 kV line. The line will be relocated to the existing 19400 Dyer-Austin 115 kV line which will be re-structured to accommodate the two circuits. Conductor on the existing 115 kV line will remain the same. 336 MCM ACSFR conductor on the 69 kV line will be replaced with 954 MCM ACSFR. The 69 kV line is being re-routed to minimize corners, guy poles and anchors in residential lots. The new route will also reduce interference with trees and improve reliability. System Planning has indicated the 69 kV line from Dyer - Austin will have to be reconducted by 2010 due to overloading. This project will complete approximately one-half of the required reconductor	06/01/08			1,057,000	513,728			60%	69		1	954 ACSFR, single conductor, single circuit	one 105' steel H-Frame structure for freeway crossing, remaining structures are steel monopole double circuit tangents and self-supporting corner and dead-end structures	50	1	n/a	n/a	25 101(c)(5)(B), 25 101(c)(5)(C)	Engineers re-designing structure adjacent to TxDOT ROW
TL113	Lane - Mann (6300 Line) Structure Replacement	EI Paso, EI Paso	EPE will replace 32 wood monopole structures along a 2.8 mile segment of line from Lane to Mann Substation. The structures are located along the access road (Gateway West) that parallels Interstate 10. Over the years a number of structures have been replaced due to age and/or damage. This project will replace all remaining wood structures with steel. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities	01/15/10			266,000					69			556 ACSFR, single conductor, single circuit, center phase opposite, supported on davit arms and suspension insulators	85' galvanized steel monopole structures (74.5 AGL) configured for single circuit transmission with distribution underbuild (one and/or two circuits)	50	2.8	n/a	n/a	25 101(c)(5)(B), 25 101(c)(5)(C)	Construction delayed. Delays on other projects has pushed this project back. Anticipate construction first quarter 2010

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TL125	SFPF - Proposed 115 kV Transmission Line	El Paso, El Paso	EPE will be rebuilding the existing Newman - Vista Line from Newman Power Plant east to the Pipeline Tap. Existing structures will be replaced with monopole structures capable of carrying the two circuits	10/05/09			\$3,850,987	2,128,400				115		5.7	556 ACSR, single conductor, double circuit	65 to 75' galvanized steel structures. Some will be H-Frame replacements, new construction will be monopole structures double circuit capable	100	5.7			25.101(c)(5)(B)	Construction begun
DT153 & TL153	Global Beach Substation & 115 kV In & Out line	El Paso, El Paso	EPE will construct a new substation and transmission line adjacent to the El Paso International Airport property to serve new commercial, residential and light industrial load developing in the area. El Paso International Airport is developing Global Beach Industrial Park. Fort Bliss is developing through GMH Housing 1,700 plus single family residences adjacent to the Airport, as well as planning to lease property along Hwy 62, Montana Avenue. Structure design predicated on proximity to El Paso International Airport.	10/13/08	07/10/09	07/10/09	\$1,898,103 T-Line, Substation	\$1,196,094 T-Line, Substation	\$1,214,412 T-Line, Substation	2% T-Line, 15% Substation	100%		115	1.75	Ckt 1 will be double bundled 954 MCM ACSR, Ckt 2 will be 954 MCM ACSR single conductor	Ckt 1 - 70' steel H-Frame, configured for single circuit double bundled conductor. Ckt 2 will be 70' steel H-Frame structures configured for double ckt but only one ckt will be installed at this time			200	0.0875	25.101(c)(5)(A)	
TL127	Neely to Farmer Structure Replacement	Sierra Blanca, Hudspeth, Van Horn, Culberson	EPE will replace existing wood monopole structures with steel monopole structures in this approximate 30 miles of 69kV transmission line. Schedule is to replace approximately 10 miles of structures per year for the next 3 years. EPE will utilize the existing centerline. Span lengths may be adjusted according to terrain features	04/21/08			\$3,000,000				33%	69		30	4/0 ACSR single conductor	60 & 65' wood monopoles being replaced with 75' galvanized steel monopole structures	varies	30			25.101(c)(5)(B)	First phase of three completed Second phase deferred 1 year