



Control Number: 38987



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EL PASO ELECTRIC CO.
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
JULY 2011

Public Utility Commission of Texas
Project No. 38987

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	First Date of 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 PUC Control Number	Comments
TL102	Santa Teresa - Montoya 115 kV Line	El Paso, El Paso	Construct approximately 7.19 miles of 115kV transmission line on single pole structures to complete an electrical loop between Santa Teresa Substation (Donna Ana County, NM) and Montoya Substation (El Paso County, TX). The project is intended to improve service reliability and provide for future electrical load growth in the project area.	03/12/12			\$5,335,988 T-Line, \$568,230 Substation						115	7.19	954 ACSR, 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	El Paso, El 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 ACSR conductor on the 69 kV line will be replaced with 954 MCM ACSR. 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 reconstructed 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 ACSR, 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)	Completion of construction to be coordinated with rebuilding of Austin North - Dyer 115 kV. Anticipate completion of construction 5/1/12
TL113	Lane - Mann (6300 Line) Structure Replacement	El Paso, El 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.	10/03/11			266,000					69			556 ACSR, single steel monopole conductor, single circuit, center phase opposite, supported on davit arms and suspension insulators.	85' galvanized steel monopole structures (74.5' single circuit, 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)	Project has lower priority than several others. Work will be accomplished in small segments.
TL125	SRPP - 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	02/13/10	01/28/11	\$3,850,997	2,128,400	1,631,763	-23%	100%	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)	Material prices stabilized, resulting in less than estimated amounts. Labor and contractor charges less than estimated. Materials (258,712), Labor (108,190), Contractor (129,793)
TL127	Neeley 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				70%	69		30	410 ACSR single conductor.	60 & 65' wood monopoles being replaced with 75' galvanized steel monopole structures.	varies	30			25 101(c)(5)(B)	

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TL125, TL132	Pipeline Tap - Picante - Global Reach 115 kV lines	El Paso (El Bliss), El Paso	EPE proposes to construct approximately 13.2 miles of new 115 kV transmission line to connect Pipeline, Global Reach, Biggs and Picante substations. EPE will construct the lines within an existing 115 kV easement granted in 1969. The new line will be constructed on steel H-frame structures utilizing 954 MCM ACSR conductor. Structure design was dictated by spans lengths and height restrictions due to the proximity of Military and Civilian Airports in the proximity	04/13/10	05/13/11	01/28/11	\$4,357,000 T-Line, \$7,899,104 Substation	\$4,085,622 T-Line, \$8,241,037 Substation	-6.22% T-Line, 4.33% Sub	100%		115	115	13.2	954MCM ACSR, single conductor, out of the single circuit	80' steel H-Frame structures (70' out of the ground)	100	13.2	n/a	n/a	37773	345/115 kV substation completed and in service 3/31/11
TL133	Ascarate - Copper 16500 Line Rebuild & Reconductor	El Paso, El Paso	EPE will rebuild and reconductor 1.35 miles of 115kV single circuit transmission. The line will be rebuilt in place and require no additional land rights. Existing wood structures will be replaced with steel monopoles. This will enable distribution to utilize the line as a primary feeder. ACSR conductor will be replaced with ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions	05/03/10			\$529,300			40%		115	n/a		556 MCM ACSR will replace 556 MCM ACSR	65/70' wood single pole structures will be replaced with 85' galvanized steel monopole structures	50	1.35	n/a	n/a	25 101(c)(5)(b)	Unable to obtain distribution outage on line, construction rescheduled for mid-January 2012. Anticipate completion by end of January
TL106	Wrangler to Sparks Relocation and Rebuild	El Paso, El Paso	EPE will relocate a portion of the existing Wrangler to Sparks 115kV transmission line to accommodate the construction of a new interchange at Loop 375 and Interstate 10. Additionally, a portion of the line (approx. 1.96 miles) east of the proposed interchange towards Sparks substation will be rebuilt and upgraded	10/18/10			3,525,149					69 & 115kV	n/a	5.86	336 MCM ACSR on 115kV circuit will be replaced with 854 MCM ACSR. No change on 69kV circuit	65/70' wood single pole structures will be replaced with 112' galvanized steel monopole structures	varies 69kV/ 25' wide, 115kV on TXDOT permit	3.11	25 - 50 ft	2.75	38513	Adjustment of 69kV line anticipated for period of 8/1/11 - 8/25/11. 115kV adjustments anticipated 10/31/11 - 12/21/12
TL123	Pendale 115kV Transmission Line	El Paso, El Paso	EPE will construct a new 115 kV transmission line to serve a new distribution substation to be constructed at the corner of Pendale and Cashner St. The line will be double circuit 115 kV approximately 0.62 miles long	06/13/11			\$1,134,901 T-Line, \$3,731,070 Substation					115	115	1.24	954MCM ACSR, single conductor, double circuit	112' galvanized steel monopole structures			25 - 50 ft	0.62	38561	ROW acquisition in process. Construction date changed in anticipation of material delivery
TL174	Copper - Lane 115kV Rebuild & Reconductor	El Paso, El Paso	EPE will replace approximately sixty-four 65' wooden monopole structures with 85' steel monopole structures along a 3.5 mile stretch of Interstate 10 between Lane and Copper Substations. In addition, conductor will be upgraded to 954 MCM ACSR	09/26/11			3,319,403					115	n/a	3.57	556MCM ACSR, single conductor, will be replaced with 954 MCM ACSR	65/70' wood single pole structures will be replaced with 85' galvanized steel monopole structures	TXDOT permit	3.57	n/a	n/a	25 101(c)(5)(b)	Construction will be split into two segments. Lane to Pendale and Pendale to Copper. Construction anticipated to begin 5/26/11 on Lane to Pendale segment
TL133	Global Reach - Vista 115kV Rebuild & Reconductor	El Paso, El Paso	EPE will replace 18 structures along this 2.01 mile segment of line. Existing wood H-frame structures will be replaced with steel monopole structures capable of double circuit configuration for future use. Existing 556 MCM ACSR conductor will be replaced with 954 MCM ACSR	06/02/11	06/24/11		1,059,100	537,800	498,862	-7%	100%	115	n/a	2.01	556MCM ACSR, single conductor, will be replaced with 954 MCM ACSR	65' wood H-frame structures will be replaced with 85' galvanized steel monopole structures	100	2.01	n/a	n/a	25 101(c)(5)(b)	Construction complete
TL162	Austin North - Dyer Rebuild / Reconductor	El Paso, El Paso	EPE will replace existing wooden H-frame structures with steel monopole structures along a 1.08 mile portion of this line between Austin North and Dyer Substations. The remaining 1 mile of structures have already been replaced under project TL107. The existing 556 MCM conductor will be upgraded to 954 MCM ACSR	02/09/12			1,103,678					115	n/a	2.08	556MCM ACSR, single conductor, will be replaced with 954 MCM ACSR	65/70' wood single pole structures will be replaced with 85' galvanized steel monopole structures	100	2.08	n/a	n/a	25 101(c)(5)(b)	Currently planned construction to begin in February 2012. Start date adjusted accordingly

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TL129	Austin North - Marlow (15700) Line Rebuild	El Paso, El Paso	EPE will replace existing wood monopole structures in this 1.18 mile segment of line with steel monopole structures. In addition, the existing 556 MCM ACSR conductor will be replaced with 954 MCM ACSR	01/30/12			356,000					115	n/a	1.18	556MCM ACSR, single conductor, will be replaced with 954 MCM ACSR	65/70' wood single pole structures will be replaced with 85' galvanized steel monopole structures	Street ROW - franchise	1.18	n/a	n/a	25 101(c)(5)(B)	Currently planned construction to begin late January 2012. Start date adjusted accordingly

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Project No. TL125: Pipeline Tap - Picante - Global Reach 115kV Lines and TH120 Picante Substation

CCN Docket No :37773	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance
Transmission				
Right-of-way (Easement and Fees)	0	(Not yet reported)	-	
Materials and Supplies	1,419,900		1,870,745	
Labor and Transportation (Utility)	0		986,233	
Labor and Transportation (Contract)	2,677,000		89,335	
Stores	0		754,046	
Engineering and Administration (Utility)	235,400		99,981	
Engineering and Administration (Contract)	25,000		285,283	
Transmission Total Cost	4,357,300		4,085,623	-6.23%
Substation				
Right-of-way (Easement and Fees)	23,500		19,462	
Materials and Supplies	6,538,520		5,378,619	
Labor and Transportation (Utility)	339,750		1,085,594	
Labor and Transportation (Contract)	805,000		1,184,549	
Stores	0		190,978	
Engineering and Administration (Utility)	152,334		258,319	
Engineering and Administration (Contract)	40,000		123,515	
Substation Total Cost	7,899,104		8,241,036	4.33%

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