



Control Number: 41089



Item Number: 85

Addendum StartPage: 0

EL PASO ELECTRIC CO.
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
April 2013

Public Utility Commission of Texas
Project No. **41089**

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 (\$)	% 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 (El Paso County, TX) 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.	05/13/13			\$3,335,986 \$3,335,986 Substation			8%	115		7.19	954 ACSR, single conductor, single circuit	95 galvanized steel monopole structures	25.50 100'	2.29 0.14	25.50 100'	2.29 0.14	20070	Finalizing permits. Finalizing contracts anticipate construction on or about May 13
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 with 854 MCM ACSR. The 69 kV line is being re-routed to minimize corner, 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 increasing load. This project will reconstruct approximately one-half of the required reconductor.	06/01/08	03/14/13		1,057,000	513,728		100%	69		1	954 ACSR, single conductor, single circuit	one 105' steel H Frame structure for freeway crossing remaining structures are steel monopoles double circuit tangents and self-supporting corner and dead end structures	50	1	n/a	n/a	25.10(c)(5)(B) 25.10(c)(5)(C)	Line returned to service 3/13/13
TL113	Lane - Mann (6300 Line) Structure Replacement	El Paso, El Paso	EPE will replace 32 wood monopole structures with steel monopoles along the Lane - 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 monopoles. At least one if not two distribution circuits are located on the existing line route. The new structures will accommodate existing distribution facilities.	10/03/11			266,000			25%	69			556 ACSR, single conductor, single circuit	85' galvanized steel monopoles for single circuit center phase for single circuit with transmission tower on distribution underbuild (one and/or two suspension insulators)	50	2.8	n/a	n/a	25.10(c)(5)(B)	Project priority has pushed this project further out in the schedule. Project has lower priority than several others. Work will be accomplished in small segments.
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 distribution line. The project is being replaced with ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overloads during certain contingency conditions.	10/12/11			\$529,300	\$976,350		45%	115	n/a		556 MCM ACSR, single conductor, single circuit	65'770 wood single pole structures will be replaced with 85' galvanized steel monopole structures	50	1.35	n/a	n/a	25.10(c)(5)(B)	Line construction has not commenced. The Dead End tower structure analysis is in the final stages. The project is being replaced with ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overloads during certain contingency conditions.

RECEIVED
2013 APR 16 PM 1:46
PUBLIC UTILITY COMMISSION
FILING CLERK

Lawrence F. Thoenen
Manager, Project Management Quality Assurance
P.O. Box 982
El Paso, TX 79962-0982
e-mail: lthoenen@epelc.com

85

TRANSMISSION CONSTRUCTION PROGRESS REPORT

MONTHLY

for

April 2013

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)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
TL106	Wingler to Sparks Relocation and Rebuild	El Paso, El Paso	EPE will relocate a portion of the existing Wingler to Sparks 115kV transmission line to interconnect with the existing line. The line will interchange all Loop 375 and Interstate 10. Additionally, a portion of the line (approx. 1.98 miles) east of the proposed interchange towards Sparks substation will be rebuilt and upgraded.	01/09/14			3,325,149			10%	69 & 115kV	n/a	5.86	will be replaced with 115kV on TXDOT permit	65/770 wood single pole structures will be replaced with 112 galvanized steel monopole structures	varies 99kV	3.11	25 - 50 ft	2.75	25.10(c)(5)(B)	69kV adjustments completed 8/26/11 115kV adjustments at I-10 and Loop 375 interchange completed and line returned to service 4/9/12. Estimated start date for construction of remaining portion is 3/20/13. Application withdrawn and order dismissed 3/30/2011. Substituted Rule Section for previous PUC Control Number Docket 38513. Project has been re-scheduled for 2014.
TL174	Copper - Lane 115kV Rebuild & Reconduct	El Paso, El Paso	EPE will replace approximately sixty-four 65' wooden monopole structures with 85' steel H-frame structures. In addition, the line will be replaced with 554 MCM ACSR conductor. Substations in addition, conductor will be upgraded to 554 MCM ACSR.	01/08/14			3,319,403			n/a	115	n/a	3.57	ACSR single conductor will be replaced with 554 MCM ACSR	65/770 wood single pole structures will be replaced with 85' galvanized steel monopole structures	TXDOT permit	3.57	n/a	n/a	25.10(c)(5)(B)	Engineering contractor has completed facilities survey as requested by TXDOT. Proceeding with preparing permits. Anticipate construction to begin in fall 2013. Rebuild has been re-scheduled for 2014. Construction will be moved up to 2013 due to delays on another project.
TL162	Austin North - Dyer Rebuild/ Reconduct	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 554 MCM ACSR.	10/01/12	03/12/13		1,103,878	768,150		100%	115	n/a	2.08	ACSR single conductor will be replaced with 554 MCM ACSR	65/770 wood single pole structures will be replaced with 85' galvanized steel monopole structures	100	2.08	n/a	n/a	25.10(c)(5)(B)	Construction completed line returned to service.
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 554 MCM ACSR.	01/06/14			356,000				115	n/a	1.18	ACSR single conductor will be replaced with 554 MCM ACSR	65/770 wood single pole structures will be replaced with 85' galvanized steel monopole structures	Street ROW franchise	1.18	n/a	n/a	25.10(c)(5)(B)	Additional Substation work will be required. Performing structural review of dead end and lower design. Evaluating schedule, currently scheduled for 2014.
TL127	Nesley to Alamo Structure Replacement	Sierra Blanca, Hudspeth, Tornillo, Hudspeth	EPE will replace existing wood monopole structures with steel monopole structures in this approximately 50 miles of 69kV transmission line. Schedule is to replace approximately 10 miles of structures per year for the next 5 years. EPE will adjust the existing centerline. Span lengths may be adjusted according to terrain features.	06/30/12			6,502,892			17%	69	n/a	50	410 ACSR single conductor	60 & 65' wood monopoles being replaced with 75' galvanized steel monopole structures	varies	50	n/a	n/a	25.10(c)(5)(B)	Structures for 2013 replacement in this segment anticipated in May/June timeframe.
TL180	People to Global Reach (13950 line) Rebuild	El Paso, El Paso	EPE will replace existing wood H-frame structures in this 5.1 mile segment of line with steel H-frame structures. In addition, the existing 556 MCM ACSR conductor will be replaced with 554 MCM ACSR.	02/11/13			2,207,605			75%	115	n/a	5.1	556 MCM ACSR single conductor will be replaced with 554 MCM ACSR	85' wood H-frame structures will be replaced with 80' steel H-frame structures	100	5.1	n/a	n/a	25.10(c)(5)(B)	Construction begun