



Control Number: 49066



Item Number: 342

Addendum StartPage: 0

EL PASO ELECTRIC CO
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
DECEMBER 2019

Public Utility Commission of Texas
Project No. **49066**

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	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
TL282	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345kV transmission lines (Caliente to Amrad and Caliente to Picante) across State Highway Loop 375, south of Iron Medics Dr., to accommodate the new eastbound and westbound frontage roads to be constructed by TxDOT. EPE will replace several poles on either side of State Highway Loop 375 with taller steel poles for each line.	11/25/19			4,292,714					345	n/a	0.73 each	954 ACSR concrete double bundle conductor	Replace wood H-frame structures with 90'-125' steel H-frame or 3-pole structures	300	0.73 each	n/a	n/a	25 101(c)(5)(F)	
TL233	Nuway Project	El Paso, El Paso	This is a 2-phase project to allow for the construction of a new substation. Nuway underneath two transmission lines. Phase 1 temporarily reroute the 115kV Montoya to Anthony and permanently reroute the 69kV Rio Grande to Border Steel presently on a double circuit steel monopole. Phase 2 complete the installation of the 115kV transmission line Montoya to Anthony which will cut into the new Nuway Substation.	03/25/18	03/31/18	11/14/19	687,000	1,200,000			100%	115 and 69	n/a	115kV- 8.58 and 69kV- 13.09	Both transmissions 795 ACSR single bundle	Temporarily install 2-95 steel structures to reroute the 115kV line to the east side of the substation. Permanently install an 85 steel double circuit monopole on the north and south side of the substation to continue with the 69kV and 115kV lines. Reroute the 69kV line to the west side of the substation on 2-85 single circuit monopoles. Once the substation is near completion permanently install 2-85 single circuit monopoles for the 115kV line and tapping into Nuway Substation.	50-100	115kV 8.58 and 69kV 13.09	n/a	n/a	25 101(c)(5)(A)	Line energized November 14, 2019
TL247	TxDOT US 62/180 (Montana Ave) Expansion Accommodate Distribution Vista to Scotsdale	El Paso, El Paso	Install taller transmission structures on the Vista to Scotsdale 115kV line along Montana Ave to accommodate the distribution adjustments for the TxDOT highway expansion.	04/01/19	06/13/19		300,185				100%	115	n/a	5.18	556 ACSR	Replace existing monopole structures with monopole tangent steel structures heights vary from 75'-105'	Highway right of way	5.15	n/a	n/a	25 101(c)(5)(F)	
TL247	Vista to Caliente 115kV Transmission Line Adjustments	El Paso, El Paso	Due to the TxDOT US 62 (Montana) project, the removal of 2 existing span guy poles north of Montana that support the dead end structure holding the Vista-Caliente (VC) and Vista-Scotsdale (VS) 115kV transmission lines affect the VC, VS, and Vista-Global Reach (VGR) 115kV line all the way back to Vista Substation. The VC line currently crossing under the VGR line must be moved to the south side of the substation and repositioned to the east side of the corridor. The VGR will become a double circuit line and repositioned on the east side of the shifted VC line.	03/04/19			582,758				90%	115	n/a	1.5	795 ACSR single bundle	Install intermediate 95' monopoles	100	6.64	30	0.06	25 101(c)(5)(F)	
TL236	Rio Grande to Sunset North 115kV transmission line tap into Executive Substation	El Paso, El Paso	Replace structures on the 15900-115kV transmission line to tap into the new Executive Substation. Will create the Sunset North to Executive and Executive to Rio Grande 115kV lines.	08/05/19			474,590				20%	115	n/a	0.1	556 ACSR double bundle, wire will not be replaced	Replace H-frame wood structures with 4-100' steel monopole tangents and install 2-85' deadend steel structures on drill pier foundations.	50	0.1	n/a	n/a	25 101(c)(5)(A)	Foundations completed
TL283	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345kV transmission line (Caliente/Amrad and Caliente Picante) and two 115kV transmission lines (Global Reach/Picante and Liberty/Bla Industrial) across State Highway Loop 375 north of Iron Medics Dr., to accommodate the new eastbound and westbound frontage roads to be constructed by TxDOT. EPE will replace several poles on either side of State Highway Loop 375 with taller steel poles for each line.	11/25/19			3,372,668					115 & 345	n/a	115kV- 0.34 each & 345kV- 0.37 each	115kV-954 ACSR single bundle & 345kV-954 ACSR double bundle	115kV each line install 100' tangent steel H-frame structures and 70'-3 pole steel deadend structures. 345kV 90'-125' steel H-frame or 3-pole dead end structures	115kV-100 & 345kV-300	115kV-0.34 each & 345kV-0.37 each	n/a	n/a	25 101(c)(5)(F)	

EL PASO ELECTRIC CO
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
DECEMBER 2019

Public Utility Commission of Texas
Project No. **49066**

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 PUC Control Number	Comments
TL101	Rio Grande to Sunset 69kV and Rio Grande to Sunset North 115kV transmission lines rebuild and reconductoring	El Paso, El Paso	Rebuild two 69kV lines from Rio Grande to Sunset and one 115kV line from Rio Grande to Sunset North, by upgrading the conductor and replacing existing wooden poles with one double circuit and one single-circuit steel monopole line. One line will carry a 69kV line. The second line will carry a 69kV line and a 115kV double-bundle line.	07/31/19			22,868,944				100%	69 & 115	n/a	5.24-115kV & 10.04-69kV	69kV lines replace 336 and 556 ACSR single bundle conductor with 954 ACSR single bundle and replace the 115kV 556 ACSR double bundle conductor with 954 ACSR double bundle.	All steel structures varying between 75' to 120' in height single circuit tangent structures, double circuit tangent monopoles, and drill pier foundation dead end.	50'-100'	4.32-115kV & 9.12-69kV	n/a	n/a	25.101(c)(5)(B)	Continued with structure installation.
TL253	Lane to Mann	El Paso, El Paso	Replace wood poles that failed the integrity/strength test by OSMOSE.	01/13/20			623,038				100%	69	n/a	0.63	556 ACSR single bundle	85' steel monopoles	TxDOT ROW	0.63	n/a	n/a	25.101(c)(5)(B)	
TL106	Wrengher to Sparre rebuild and reconductoring	El Paso, El Paso	Rebuild a portion of the 115kV transmission line by replacing structures, upgrading the conductor, and additional ground wire.	03/12/23			1,011,140				100%	115	n/a		Replace 336 single bundle with 954 ACSR single bundle.	85' to 100' steel monopoles	100' ROW	2.46	n/a	n/a	25.101(c)(5)(B)	