



Control Number: 49066



Item Number: 171

Addendum StartPage: 0

EL PASO ELECTRIC CO
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
JUNE 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
TL174	Copper - Lane 115kV Rebuild & Reconnector	El Paso, El Paso	EPE will replace approximately sixty-four 65' wooden monopole structures with 95' 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. One new pole will be constructed off of the existing route due to encroaching residential development.	09/27/17	01/02/19	01/03/19	3,319,403	5,331,703			100%	115	n/a	5.01	556 kcmil ACSR single conductor will be replaced with 954 kcmil ACSR	65/70' wood single pole structures will be replaced with 95' 110' galvanized steel monopole structures, one corner self-supported structure on new route will be constructed	TxDOT permit	3.57	n/a	n/a	25.101(c)(5)(B) and (E)	The construction company has completed their renovation of the facilities. The existing wood structures along I-10 can now be removed. Cost will be updated until the removal is completed and all costs accounted for.
TL239	Reconnector Durazno to Ascarate 115kV transmission line	El Paso, El Paso	Reconnector the line to relieve overloading on the line. EPE will replace wood monopole structures with steel monopole structures to accommodate upgrade of wire to 954 ACSR	03/19/19	05/20/19	01/25/19	1,922,157	5,100,000			100%	115	n/a	3.5	556 ACSR conductor will be replaced with 954 ACSR single conductor	Replace wood monopole structures with 85'-105' steel monopoles	varies and street ROW franchise	3.5	10	0.19	25.101(c)(5)(B)	Project completed
TL247	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust 2-345kV transmission lines in two separate locations along SL375. Caliente to Anrad and Caliente to Picante to accommodate the new eastbound and westbound frontage roads to be constructed by TxDOT. EPE will replace several poles on either side of SL375 with taller steel poles for each line.	06/03/19			3,248,413					345	n/a	1.10 each	954 ACSR concrete double bundle conductor	Replace wood H-frame structures with 90'-125' steel H-frame or 3-pole structures	300	1.10 each	n/a	n/a	25.101(c)(5)(F)	Pending execution of Utility Agreement by TxDOT
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		687,000	730,000			90%	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 2-40' 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)	
TL247	TxDOT US 62/180 (Montana Ave) Expansion	El Paso, El Paso	Adjust three 115kV transmission lines out of Vista Substation to accommodate the road expansion of US 62/180 by TxDOT. Vista to Caliente, Vista to Global Reach and Vista to Scotsdale.	03/04/19	04/08/19		757,233	900,000			100%	115	n/a	Vista Caliente - 6.64, Vista Global Reach - 2.96, Vista Scotsdale - 5.18	Vista Caliente - 795 ACSR, Vista Global Reach - 795 ACSR, Vista Scotsdale - 556 ACSR, all single bundle	Replace and relocate wood structures with steel self support tangent, and H-frame structures 2-105' h-frame 1-105' monopole, 4 sets of 3-pole dead ends (65'-100')	100 and highway ROW	Vista Caliente - 6.64, Vista Global Reach - 2.96, Vista Scotsdale - 5.18	n/a	n/a	25.101(c)(5)(F)	Project completed April 8, 2019

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TL247	TxDOT US 62/180 (Montana Ave) Expansion Accommodate Distribution Vista to Caliente	El Paso, El Paso	Install taller transmission structures on the Vista to Caliente 115kV line along Montana Ave to accommodate the distribution adjustments for the TxDOT highway expansion	03/04/19	04/15/19		595,473				100%	115	n/a	6.64	795 ACSR single bundle	Replace existing monopole structures with monopole tangent steel structures heights vary from 85'-115'	Highway right of way	6.64	n/a	n/a	25 101(c)(5)(F)	Project completed April 15, 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			300,185				96%	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)	Received a positive determination from the FAA for the five structures the FAA had previously identified as affecting airspace and air navigation, however the determination does not become final until June 2, 2019
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) 115 kV 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			592,758				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)	All tangent structures and conductor have been installed. A temporary re-route outside the substation was done to meet the TxDOT April relocation schedule. The permanent alignment will be completed during non-peak season.
TL101	Rio Grande to Sunset 115kV transmission line rebuild across the mountain located on the University of Texas at El Paso property	El Paso, El Paso	Rebuild two Rio Grande to Sunset 69kV transmission lines, 5600 and 5600, across the mountain located on University of Texas at El Paso property to replace existing wooden poles with double circuit steel monopoles. One line will carry a 69kV line and a distribution line. The second line will carry a 69kV line and an open position for a future line.	03/04/19			3,500,000				18%	69	n/a	0.922 each	Existing 336 and 556 ACSR single bundle conductor will be replaced with 954 ACSR single bundle	Install 25 steel monopoles ranging from 75'-105', all on drill pier foundations	100	0.922 each	n/a	n/a	25 101(c)(5)(B)	All transmission lines have been constructed.
TL259	Sunset to Santa Fe 69kV line upgrade	El Paso, El Paso	Re-conductor the 69kV transmission line and replace all the wood structures to increase the capacity of the line. A total of 9 wood structures will be replaced with 75'-85' steel structures.	01/25/19	02/28/19	03/19/19	887,398				100%	69	n/a	1.34	Replace 336 ACSR single bundle conductor with 954 ACSR single bundle conductor	Replace 9-65' wood poles with 3-75'-85' steel deadend structures on drill pier foundations and 6-75'-80' steel tangent structures	Along street right of way	1.34	n/a	n/a	25 101(c)(5)(B)	
TL236	Rio Grande to Sunset North 115kV transmission line tap into Executive Substation	El Paso, El Paso	Replace structures on the 15800-115kV transmission line to tap into the new Executive Substation. Will create the Sunset North to Executive and Executive to Rio Grande 115kV lines.	05/15/19			474,590					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)	
TL247	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust 2-115kV transmission lines: Global Reach to Picante and Liberty to Bliss Industrial to accommodate the new eastbound and westbound frontage roads to be constructed by TxDOT. EPE will replace several poles on either side of SL375 with taller steel poles for each line.	06/03/19			1,350,545					115	n/a	0.34 each	954 ACSR single bundle	Each line install 2-100' tangent steel H-frame structures and 2-70' 3 pole steel deadend structures	100	0.34 each	n/a	n/a	25 101(c)(5)(F)	

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TL107	Rio Grande to Sunset 69kV and 115kV lines rebuild inside the University of Texas at El Paso campus between Sun Bowl Drive and Solis Street Avenue	El Paso, El Paso	Rebuild from Rio Grande to Sunset 69kV, 6500 and 9600' and one 115kV, 15800' Rio Grande to Sunset North transmission lines through University of Texas at El Paso campus to upgrade the conductor and rebuild existing wooden poles with one double circuit and one single circuit steel monocoque lines. One line will carry a 69kV line and a double bundle line. The second line will carry a 69kV line and 115kV double bundle line.	07/31/19			61,130,6					69 kV 115	n/a	0.43 each pole line	69kV line to replace 535 and 516 ACSR single bundle conductor with 554 ACSR single bundle and to place the 554 ACSR 115kV double bundle conductor with 554 ACSR double bundle	7' deep precast foundation dead end structure. 4 single circuit, largest and 4 double circuit tangent structures between AC 120	50-100'	11.45	112	n/a	25-101 to 150 B)	

