



Control Number: 51705



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EL PASO ELECTRIC CO
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
February 2021

Public Utility Commission of Texas
Project No. **51705**

UMW'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
TL282	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345KV transmission lines (Caliente to Amrad and Caliente to Pizamo) across State Highway Loop 375 south of Iron Medics Dr. to accommodate the new eastbound and westbound footage spans 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.	02/06/20	01/30/21	Caliente to Amrad 1/30/21	4,292,714	4,292,714			100%	345	n/a	0.73 each	954 ACSR composite 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)	Final phase of the project completed. Remaining steel poles erected, new conductor, fiber, and static wire installed. Caliente Amrad 345KV line energized January 30, 2021.
TL283	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345KV transmission line (Caliente/Amrad and Caliente Pizamo) and two 115KV transmission lines (Global Reach/Pizamo and Liberty/Biss Industrial) across State Highway Loop 375 north of Iron Medics Dr. to accommodate the new eastbound and westbound footage spans 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.	02/28/20	01/30/21	Caliente to Amrad 1/30/21	3,372,668	3,372,662			100%	115 & 345	n/a	115KV 0.34 each & 345KV 0.37 each	115KV 954 ACSR single bundle & 345KV 954 ACSR double bundle	1.5KV each line install 100 tangent steel H frame structures and 70' 3 pole steel dead-end structures. 345KV 90' 125 steel H frame or 3 pole dead end structures	115KV 100 & 345KV 300	115KV 0.34 & 345KV 0.37 each	n/a	n/a	25 101(c)(5)(F)	Final phase of the project, completed. Remaining steel poles erected, new conductor, fiber, and static wire installed. Caliente Amrad 345KV line energized January 30, 2021.
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			22,888,944	22,888,944			20%	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 monopoles, and one per foundation dead end.	50 100'	4.32 115KV & 9.12 69KV	n/a	n/a	25 101(c)(5)(B)	
TL106	Wrengler to Sparks rebuild and reconductor	El Paso, El Paso	Rebuild a portion of the 115KV transmission line by replacing structures, upgrading the conductor and adding optical ground wire.	12/15/21			1,911,367	3,140,272			22%	115	n/a		Replace 336 single bundle with 954 ACSR single bundle	85 to 100' steel monopoles	TxDOT ROW	2.66	n/a	n/a	25 101(c)(5)(B)	Completed 2 of 3 15'-dia. cone. third to start on getting right-of-way of traffic control point by TxDOT. Pole dig and pole installation in progress.
TS117	Butterfield to Newman 115KV extend transmission service to a new Fort Bliss Military Reservation on subsection	El Paso, El Paso	115KV in and out tap to service a new North Biss subsection inside the military reservation and install optical ground wire from Butterfield to North Biss subsection.	09/17/20			450,685	450,685			80%	115	n/a	0.42	Replace 556 ACSR single bundle with 954 ACSR single bundle for the new portion into North sub.	75 steel monopoles and 100' steel double circuit monopoles	25	0.47	60	0.21	25 101(c)(5)(F) & 25 101(c)(5)(A)	
TL293	Fabens to Felipe 69KV rebuild and reconductor	Fabens, El Paso	Rebuild a portion of the 69KV transmission line by replacing structures, upgrading the conductor and add optical ground wire.	09/14/20	12/15/20	12/15/20	1,243,185	1,695,900			100%	69	n/a	2.53	Replace 40 ACSR single bundle with 954 ACSR single bundle	70' 95 steel support structures on drilled pier foundations and monopoles	Street ROW and 60'	1.14	Street ROW and 60'	1.39	25 101(c)(5)(A)(i)(8) (F)(i)	
TL253	Scotsdale to Farah and Farah to Viscount Omasee Pole Replacements	El Paso, El Paso	Replace wood poles that failed the integrity/strength test by Omasee.	01/18/21			690,085					69	n/a	0.29 & 1.39	556 ACSR single bundle	85 steel monopoles	TxDOT ROW	0.29 & 1.39	n/a	n/a	25 101(c)(5)(B)	
TL244	Pine to Seaback 115-KV Transmission Line	El Paso, El Paso	Construction and operation of a new 115KV transmission line from Pine Substation to Seaback Substation.	02/01/24			TBD by final order					n/a	115	TBD by final order	954 ACSR rail single circuit	95 - 110' delta or vertical steel monopole self support or on drilled pier foundations	n/a	n/a	150	TBD	51476	Filed November 16 2020
TL245	Seaback to San Felipe 115-KV Transmission Line	El Paso, El Paso	Construction and operation of a new 115KV transmission line from Seaback Substation to San Felipe Substation.	02/01/24			TBD by final order					n/a	115	TBD by final order	954 ACSR rail single circuit	95 - 110' delta or vertical steel monopole self support or on drilled pier foundations	n/a	n/a	150	TBD	51480	Filed November 16 2020

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