



Control Number: 51705



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PUBLIC UTILITY COMMISSION
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MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
January 2021Public Utility Commission of Texas
Project No. **51705**

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 & Bundles	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PLAC Control Number	Comments
TL282	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345KV transmission lines (Caliente to Armas and Caliente to Picante) across State Highway Loop 375 south of Iron Medals 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.	02/05/20		Caliente Phase #11	4,292,714	4,292,714			73%	345	n/a	0.73 each	954 ACSR composite double bundle conductor	Replace wood H-frame structures with 80' 125' steel H frame or 3 pole structures	300	0.73 each	n/a	n/a	25 101(c)(5)(F)	
TL283	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust two 345KV transmission line (Caliente/Armas and Caliente/Picante) and two 115KV transmission lines (Global Reach/Picante and Liberty/El Indio) across State Highway Loop 375 north of Iron Medals 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.	02/05/20		Caliente Phase #11 & 115KV lines #23	3,372,668	3,372,662			86%	115 & 345	n/a	1.9KV 0.34 each & 345KV 0.37 each	115KV/654 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)	
TL101	Rio Grande to Sunset, 69KV and Rio Grande to Sunset North 115KV transmission lines rebuild and reconducting	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	5.26 115KV & 10.04 69KV	69KV lines replace 335 and 555 ACSR single bundle conductor with 954 ACSR single bundle and replace the 115KV 555 ACSR double bundle conductor with 954 ACSR double bundle	All steel structures varying between 75' to 120' in height single circuit double circuit tangent monopoles and dead end	50 100'	4.32-115KV & 9.12 69KV	n/a	n/a	25 101(c)(5)(B)	
TL106	Wingard 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			%	1.5	n/a		Replace 335 single bundle with 954 ACSR single bundle	55 to 100' steel monopoles	TxDOT ROW	2.96	n/a	n/a	25 101(c)(5)(B)	Begin drilled pier foundations and now digging in final estimate did not include cost from previous years when the project was initiated
TS117	Butterfield to Newman 115KV and transmission service to a new Fort Bliss Military Reservation substation	El Paso, El Paso	115KV in and out to service a new North Bliss substation inside the military reservation and install optical ground wire from Butterfield to North Bliss substations	09/17/20			450,685	450,685			80%	115	n/a	0.42	Replace 555 ACSR single bundle with 354 ACSR single bundle and replace the 115KV 555 ACSR double bundle conductor with 954 ACSR double bundle	75' steel monopoles and 100' steel double bundle for the circuit monopoles new portion into North sub	25	0.47	90	0.21	25 101(c)(5)(F) & 25 101(c)(5)(A)	
TL253	Factors to Fudge 69KV rebuild and reconductor	Factors, El Paso	Rebuild a portion of the 69KV transmission line by replacing structures upgrading the conductor and adding optical ground wire	09/14/20	12/15/20	12/15/20	1,243,185	1,595,900			100%	69	n/a	2.53	Replace 400 ACSR single bundle with 954 ACSR single bundle	70' 66' steel support structures on dead end foundations single bundle and monopoles	Streak ROW and 50'	1.14	Streak ROW and 60'	1.39	25 101(c)(5)(A) & (F)(B)	Project completed and re-energized December 15, 2020
TL253	Scotdale to Farrah and Farrah to Viasoft, 69KV Omose Pole Replacements	El Paso, El Paso	Replace wood poles that failed the integrity/strength test by Omose	01/18/21			690,686					69	n/a	0.29 & 1.30	555 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 115KV 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	55' 110' dead end 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 115KV 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	55' 110' dead end 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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