



Control Number: 41089



Item Number: 228

Addendum StartPage: 0

TRANSMISSION CONSTRUCTION PROGRESS REPORT

for
October 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)	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 (Donna Ana County, NM.) 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. EPE will replace 32 wood monopole structures along a 2.8 mile segment of line from Lane to 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. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities. 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 feeder. ACSR conductor will be replaced with 555 MCM ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions.	06/17/13			5,335,988 T-Line; 560,230 Substation	13,528,148		90%	80	115	7.19	954 ACSR, single conductor, single circuit	95 galvanized steel monopole structures	25.50	2.29	25.50	2.29	26670		26670	Construction continues. Pole and conductor installation are in process.
TL113	Lane - Mann (6300 Line) Structure Replacement	El Paso, El Paso	Replace existing wood monopole structures with steel monopole structures along 2.8 miles of the transmission line from Lane to 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. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities. 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 feeder. ACSR conductor will be replaced with 555 MCM ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions.	10/03/11			266,000		976,350	95%	115	n/a	n/a	50	25 10(c)(5)(B)	85 galvanized steel monopole structures (74.5' high) configured for single circuit transmission with distribution unbalanced (one and two circuits).	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	Replace existing wood monopole structures with steel monopole structures along 2.8 miles of the transmission line from Lane to 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. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities. 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 feeder. ACSR conductor will be replaced with 555 MCM ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions.	10/12/11			529,300		976,350	95%	115	n/a	n/a	50	25 10(c)(5)(B)	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)	Dead end tower analysis complete. Rebuild has been re-scheduled for October 2014.	
TL106	Wingler to Sparks Relocation and Rebuild	El Paso, El Paso	Replace existing wood monopole structures with steel monopole structures along 2.8 miles of the transmission line from Lane to 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. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities. 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 feeder. ACSR conductor will be replaced with 555 MCM ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions.	01/06/14			3,525,149			15%	60 & 115kV	n/a	5.80	954 MCM ACSR, single conductor, will be replaced with 555 MCM ACSR. No change on 68kV circuit	112 galvanized steel monopole structures	3.11	25.50	25.50	2.75	25 10(c)(5)(B)	Rebuild has been re-scheduled for 2014.		
TL174	Copper - Lane 115kV Rebuild & Reconductor	El Paso, El Paso	EPE will replace approximately sixty-four 65' wooden monopole structures with 85' 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.	01/06/14			3,319,403			n/a	115	n/a	3.57	954 MCM ACSR, single conductor, will be replaced with 555 MCM ACSR	112 galvanized steel monopole structures	3.57	n/a	n/a	n/a	25 10(c)(5)(B)	Rebuild has been re-scheduled for 2014. Construction on a portion of the rebuild may be moved up to early October.		
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 between Austin North and Marlow Substations. In addition, the existing 555 MCM ACSR conductor will be replaced with 954 MCM ACSR.	01/06/14			395,000			n/a	115	n/a	1.18	954 MCM ACSR, single conductor, will be replaced with 555 MCM ACSR	112 galvanized steel monopole structures	1.18	n/a	n/a	n/a	25 10(c)(5)(B)	Additional Substation work will be required. Performing structural review of dead-end tower design. Evaluating schedule, currently scheduled for 2014.		
TL127	Nesley to Alamo Structure Replacement	Sierra Blanca, Hudspeth, Tornillo, Hudspeth	Replace existing wood monopole structures with steel monopole structures along 2.8 miles of the transmission line from Lane to 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. At least one if not two distribution circuits are attached to structures along this route. The new structures will accommodate existing distribution facilities. 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 feeder. ACSR conductor will be replaced with 555 MCM ACSR to increase capacity on the line. The project is being conducted to increase capacity and prevent overload during certain contingency conditions.	06/30/12			6,502,992			50%	69	n/a	50	4/0 ACSR, single conductor	85 galvanized steel monopole structures	50	n/a	n/a	n/a	25 10(c)(5)(B)	Structures for this year's replacement have arrived and were installed (100 structures). Work recommence work in 2014.		

Martha A. Valasco
P.O. Box 982
El Paso, TX 79960-0982
e-mail: martha.valasco@epelc.com

Page 1 of 2

EPE01013
Revised 01/02/2008

2013 OCT 17 AM 9:34

FILING CLERK

228

TRANSMISSION CONSTRUCTION PROGRESS REPORT

MONTHLY
for
October 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)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	File Section or Plan Control Number	Comments
TL181	Montana Power Station Intersect with Caliente to Coyote	El Paso, El Paso	EPE will construct the new "interconnection facilities" and network upgrades necessary to comply with the terms of the LGIA which requires constructing a double circuit 115kV line from the new Montana Power Station to the existing Caliente-Coyote 115 kV line.	01/30/14			TBD by final order for T. Line 978,405 Substation					115		TBD by final order	954 ACS single conductor	90/110" steel monopole structures, double circuit	50' - 100'	TBD by final order	varies 50' - 100'	TBD	41359	
TL181	Montana Power Station to Caliente Substation	El Paso, El Paso	EPE will construct the new "interconnection facilities" and network upgrades necessary to comply with the terms of the LGIA which requires constructing a double circuit 115kV line from the new Montana Power Station to the existing Caliente substation	01/30/14			TBD by final order for T. Line 561,405 Substation					115		TBD by final order	954 ACS single conductor	90/110" steel monopole structures, double circuit	25' - 100'	TBD by final order	varies 25' - 100'	TBD	41360	
TL188		El Paso, El Paso	EPE will replace existing wood and steel monopole structures and install 4 structures in order to accommodate planned City of El Paso Ballpark area improvements. Limits of relocated facilities will extend from Franklin Dr. to the intersection of Missouri Ave and El Paso St. within City right-of-way	10/15/13			264,648	307,128		0%	69	n/a	n/a	0.2	338 ACS single conductor	and 83' (above ground)/105' and 2 self- supporting steel monopole structures at 72' and 87' single circuit	Street ROW - franchise	0.22	n/a	n/a	25, 101(c)(5)(B)	Structures ordered. Construction scheduled mid-October 2013.
TL177	Diamondhead Transmission Line	El Paso, El Paso	EPE will construct approximately 0.3 mile of new 115kV transmission line to connect a new substation. The new facilities will connect to one split the existing Caliente to Lane Line	03/31/14			351,914			0%	115	0.3			954 ACS single conductor	70-85' steel monopole double circuit	50'	0.165 mile	n/a	n/a	25-101(c)(5)(B)	
TL231	Milagro to Leo 69kV to 115kV	El Paso, El Paso	EPE will upgrade 3.8 miles of existing 69kV to 115kV. Structures will be replaced and the line reconducted	01/02/14			3,413,721			0%	69	115	3.85		954 ACS single conductor	monopole 85- 115 steel self- supported drill pier foundation structures	50' and street ROW franchise	3.8	n/a	n/a	25 101(c)(5)(B)	
TL181	Montana Power Station to Montwood Substation	El Paso, El Paso	EPE will construct the new "interconnection facilities" and network upgrades necessary to comply with the terms of the LGIA which requires constructing a 115kV line from the new Montana Power Station to the existing Montwood substation	08/15/14			TBD by final order for T. Line 1,687,099 Substation			0%	115		TBD by final order		954 ACS single conductor	90/110" steel monopole structures, double circuit	15'-140'	TBD by final order	varies 15- 150'	TBD	41809	

Martha A. Velasco
1000 Bonanza
El Paso, TX 79902-0992
e-mail:martha.velasco@epelc.com

Page 2 of 2

EPEC10113
Revised 01/02/2008