

Control Number: 46718



Item Number: 161

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AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
JUNE 2017

Public Utility Commission of Texas
Project No. 46718

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Field 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)	Upgrades or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or Control Number	Comments
42303511	Yuca Area Improvement Project	Crockett	Emeralda to Yuca Blvd 138-kV line	5/1/2016	12/01/2016		\$ 12,500,000.00		\$ 500,800.00		85		138	14.70	2 Bundled 559.6 Steelweld ACSR/TW	Single Pole Steel Pole		100	14.70	42855	CCM approved on 06/16/2014
42431334	Yuca Area Improvement Project	Crockett	Big Lake to Friend Ranch, Cell in to Emeralda	10/1/2016	12/01/2016			\$ 500,000.00			90		138							18 TAC 25.101 (9)(1)(A)	Prior consent from UT lands for CUL/ins
42431645	Yuca Area Improvement Project	Crockett	Big Lake: New relay panels	10/1/2016	12/01/2016			\$ 1,864,000.00			90		138							18 TAC 25.101(9)(3)	
42431662	Yuca Area Improvement Project	Crockett	Friend Ranch: New relay panels	10/1/2016	12/01/2016			\$ 1,185,800.00			90		138							18 TAC 25.101(9)(3)	
42384092	Yuca Area Improvement Project	Crockett	Emeralda: Build new 138-kV station	1/1/2016	12/01/2016			\$ 7,313,000.00			85		138							18 TAC 25.101(9)(3)	
42431821	Yuca Area Improvement Project	Crockett	Yuca: Convert station to 138-kV, T asset	10/1/2016	12/01/2016			\$ 608,000.00			40		138							18 TAC 25.101(9)(3)	The costs associated with this project include site work related costs only
42300815a	Barrila Junction Improvements	Pecos	Subsize New Substation Site Work	12/1/2015	6/30/2016			\$ 1,020,000.00			50	n/a	138							18 TAC 25.101(9)(3)	No property purchases required, existing station.
42316002	Fried Creek Auto	Tom Green	Replace two 34.5-kV Autos and Relay Upgrades at Red Creek Substation	8/1/2016	3/1/2016			\$ 14,716,500.00			25	69								18 TAC 25.101(9)(3)	
42425000	North Brady: Install New CB	McCluskey	Install a 3000 A, 40 KA, circuit breaker for terminal on of future new 69-kV circuit to the City of Brady Substation	8/1/2016	5/1/2017			\$ 843,328.00												18 TAC 25.101(9)(3)	The costs associated with this project include all substation construction costs excluding site work related costs
42300515b	Barrila Junction Improvements	Pecos	Subsize New Substation Construction	7/1/2015	10/15/2016			\$ 8,052,846.00				69	89	9.00	559.6 ACSR/TW	Steel Single Pole	100		18 TAC 25.101 (9)(1)(B)	Reland east of Capilla POD. Landowners noticed & consent obtained	
424002494	Abilene NW to Capilla POD	Taylor	Rebuild Abilene NW to Capilla POD	7/25/2016	12/30/2016			\$ 5,460,000.00					138		795ACSR	Steel Single Pole	100		18 TAC 25.101 (9)(1)(B)	Existing easement landowner noticed	
42305132	Abilene NW to Oak Creek	Taylor	Raise Abilene NW to Oak Creek	7/25/2016	11/16/2016			\$ 900,000.00				138	138		795ACSR	Steel Single Pole	100		18 TAC 25.101 (9)(1)(B)	Existing easement landowner noticed	
42305145	Abilene NW to Elm Creek	Taylor	Raise Abilene NW to Elm Creek	7/25/2016	1/1/2016			\$ 900,000.00				68	69							18 TAC 25.101 (9)(1)(B)	Property purchased
42414115	Capilla Box Bay	Taylor	Build new Capilla Box Bay	7/25/2016	1/1/2016			\$ 1,000,000.00				59	69							18 TAC 25.101(9)(3)	
42353487	Alpine Upgrades Terminal	Brewster	Alpine: Upgrade 68-kV Line Terminal	8/2/2016	8/2/2016			\$ 308,000.00			0	138	138	0.30	477 KCMIL ACSR	Steel Mono Pole			18 TAC 25.101 (9)(1)(A)	Construction within station property	
42300831	Barrila Junction Improvements	Pecos	Barrila Junction to Permian Basin, Refurbish 138-kV Line into New Subsize Station	12/1/2015	6/30/2017			\$ 647,546.00			0	138	138	0.28	477 KCMIL ACSR	Steel Mono Pole			18 TAC 25.101 (9)(1)(A)	Construction within station property	
42300837	Barrila Junction Improvements	Pecos	Barrila Junction to Fort Stockton, Refurbish 138-kV Line into New Subsize Station	12/1/2016	6/30/2017			\$ 569,868.00			0	138	138	0.28	477 KCMIL ACSR	Steel Mono Pole			18 TAC 25.101(9)(1)(A)	Construction within station property	
42352934	Barrila Junction Improvements	Pecos	Barrila Junction Station Accommodations for the New Line	12/1/2016	6/30/2017			\$ 964,071.00			0	138/69	138/69							18 TAC 25.101(9)(3)	

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42320777	Barrida Junction Improvements	Pecos	Barrida Junction to Solimar, Build 0.25 mile of 138-kV Line to The Barrida Junction and Solimar Stations together	12/12/2016	11/20/2017		\$ 484,073.00	\$	0	138	138		0.25	959.9 KCMIL ACSS/TW	Steel Mono Pole					18 TAC 25.101 (c)(5)(A)	Construction within station on property
42483912	Blosson to Powell Field Rebuild	Crocket/Kleberg	Upgrade Powell Field Station	12/12/2016	5/31/2017		\$ 539,000.00	\$	40	69										18 TAC 25.810(3)	
42484619	Pig Creek Station	Pecos	Pig Creek Station	12/12/2016	6/29/2017		\$ 7,075,000.00	\$	50	138	138									18 TAC 25.810(3)	Property purchased
42496608	Pig Creek Station	Pecos	Cut Barrida to Permian Basin 138-kV T-Line into new Pig Creek Station	12/12/2016	6/25/2017		\$ 808,000.00	\$	30	138										18 TAC 25.101 (c)(5)(A)	Conductors within Purchased Property
42498026	Gas Pad	Reeves	Gas Pad Box Bay	12/12/2016	2/1/2017		\$ 2,100,000.00	\$	95			138								18 TAC 25.810(3)	Estimate obtained
42497853	Gas Pad	Reeves	Cut Barrida to Permian Basin 138-kV T-Line into Gas Pad Box Bay	12/12/2016	2/1/2017		\$ 778,000.00	\$	99	138										18 TAC 25.101 (c)(5)(A)	Within Easement for Gas Pad
42396656	Cassava Station	Hon	Build New 69-kV Station	1/5/2017	12/1/2017		\$ 5,200,000.00	\$				138 / 69								18 TAC 25.810(3)	Property purchased
42425092	Cassava-Yucca Rebuild	Inon, Crockett	Rebuild 12 miles of existing 69-kV Transmission Line to 138-kV Operation	1/5/2017	12/1/2017		\$ 9,004,000.00	\$		69										18 TAC 25.101 (c)(5)(B)	Landowner Consent Obtained
42471045	Cassava-Yucca Rebuild	Inon	Install 138/69-kV, 30MVA Autotransformer with LTC and one 138-kV Breaker at New Cassava Station	1/5/2017	12/1/2017		\$ 3,335,000.00	\$				138 / 69								18 TAC 25.810(3)	
42475035	City of Brady, N. Brady Rebuild	McCluskey	Rebuild City of Brady tap to North Brady as a double circuit with 959.9 ACSS/TW and OPGW (approximately 0.4 mi, 138-kV)	1/5/2017	5/1/2015		\$ 1,711,536.00	\$		69			0.40	959.9 ACSS/TW	Steel Mono Pole	100	0.40			18 TAC 25.101 (c)(5)(B)	Landowners Notified, Consent and Easement Supplements were acquired as necessary
42533342	Greenville-Trinidad	Ford, Knox	Rebuild 16.22 Miles of 69-kV Transmission Line to 138-kV Standards	1/5/2016	12/31/2017		\$ 8,744,883.00	\$	70	69			18.22	795 ACSS	Steel Mono Pole	100	18.22			18 TAC 25.101 (c)(5)(B)	Landowners Notified
42534482	Lasso Station, Install DME, SDR, RTU & Metering	Brewster	Lasso Station, Install DME, SDR, RTU & Metering	1/23/2017	3/31/2017		\$ 800,000.00	\$		69										18 TAC 25.810(3)	
42535164	Alpha - Ft. Stockton, Cut-In to Bronco	Brewster	Cut-In 69-kV Line to New Bronco Station	11/23/2016	12/31/2017		\$ 500,000.00	\$	95	138			0.01	795 ACSS	Steel Mono Pole	100				18 TAC 25.101 (c)(5)(A)	Cut-In within Existing Easement
42396135	Paint Creek Auto Replacement Accommodation	Haskell	Upgrade Equipment associated with New Auto Transformer	12/8/2017	6/30/2017	4/25/2017	\$ 1,461,169.00	\$												18 TAC 25.810(3)	Within Station Property
42522598	Jay-Don-Clairmont Tap 69-kV Rebuild	Kent	Rebuild 69-kV Transmission Line to 138-kV Standards and Partial Relocation to Mitigate Encroachments	2/1/2017	12/31/2017		\$ 5,596,966.00	\$	75	69			10.83	795 ACSS	Steel Mono Pole			103	1.84	18 TAC 25.101 (c)(5)(B) & 18 TAC 25.101 (c)(5)(C)	Landowners Notified, Consent and New Easement & Supplements were acquired as necessary
42502137	Alpha REA to Barrida Junction 69-kV Rebuild	Brewster / Pecos	Rebuild 69-kV Transmission Line to 138-kV Capability & install Temporary Tap Switches	2/5/2017	12/31/2017		\$ 23,247,832.00	\$		69			41.22	795 ACSS	Steel Mono Pole		41.92			18 TAC 25.101 (c)(5)(B)	Landowners Notified, Necessary Easements Acquired
42515309	Solimar-Holman Interconnect	Brewster	Brewster Station, Construct a 138-kV Tap, three breakers, one bus station	2/5/2017	9/1/2017		\$ 5,234,998.00	\$												18 TAC 25.810(3)	Property purchased
42498959	Sonora 138-kV Station Upgrade	Sutton	Upgrade relay panel and associated equipment	3/10/2017	5/1/2017		\$ 434,041.00	\$	5	138										18 TAC 25.810(3)	Within Station Property
42502807	Red Creek, Replace Circuit Breaker	Tom Green	Replace 345-kV Circuit Breaker 9940 & 6 x 138-kV Circuit Breakers	4/18/2017	3/7/2018		\$ 3,344,832.00	\$	5	345 / 138										18 TAC 25.810(3)	Within Station Property

Tom L. Walker
Austin, TX 78701-1662
twalker@aep.com

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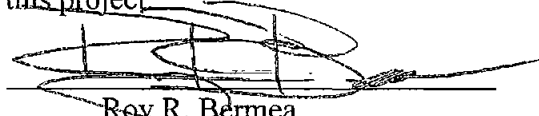
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42303715	Casava - Matzen REA 69-kV Rebuild	Edin	Rebuild 69-kV Transmission Line, 138-kV Rebuild to 69-kV operate at 69 kV	3/20/2017	6/1/2018		\$	\$ 13,564,339.00				69		16.45	795-ACSS	Steel Mono Pole	Constant	16.45			16 TAC 25.101 (6)S1B	Landowner's Reluctant Easements with Consent Acquired Where Necessary
42303821	Barrilla Area Improvements	Pecos	Alamo Creek - Barrilla Junction Rebuild 69-kV Transmission Line to 69 kV	3/17/2017	3/31/2017		\$	\$ 450,000.00				138		0.20	477-KCMIL ACSR	Steel Mono Pole		100	0.20		16 TAC 25.101 (6)S1B	Landowner Consent Obtained
42475049	Alente Northwest Breaker Addition	Taylor	Replace 69-kV Breakers	3/30/2017	5/30/2017		\$	\$ 2,812,967.00				138 / 69	138 / 69								16 TAC 25.810(3)	
42461261	Fl. Station Plant: Replace Breakers	Pecos	Replace 69-kV Breakers	3/30/2017	6/30/2017		\$	\$ 1,257,587.00				69	69								16 TAC 25.810(3)	
42535472	Solar-Holman Interconnect	Pecos	Fl. Station Plant: Upgrade 69-kV Terminal	3/20/2017	6/30/2017		\$	\$ 1,101,534.00				69	69								16 TAC 25.810(3)	
42460723	Fl. Griffin 69-kV Station	Shackelford	Build New Fl. Griffin 69-kV Station	6/6/2017	12/15/2017		\$	\$ 9,425,697.00					69								16 TAC 25.810(3)	Property purchased
42481568	Quant 69-kV Switch Station	Jones	Build New Quant 69-kV Station	11/3/2017	5/26/2018		\$	\$ 8,095,276.00					69								16 TAC 25.810(3)	Property purchased
42463916	Abilene South to Abilene West	Taylor	Conduct 138-kV Run Box at Abilene West Texas Gulf Tie, W3B line operated at 69-kV (Shewna 8x8 Bay)	7/6/2017	11/1/2017		\$	\$ 1,735,461.00				69	69			Steel Mono Pole	Cantilever				16 TAC 25.810(3)	Consolidated with existing easements. Landowners noticed
42470249	Miner - Fullman 69-kV Rebuild	Shackelford / Culberson	Rebuild 69-kV Transmission Line to 138-kV Rebuild to 69-kV operate at 69-kV. Rebuild a 600 section of this Rebuild to avoid an encroachment	8/4/2017	12/22/2017			\$14,170,922.17				69	69	12.85	795-ACSS	Steel Mono Pole	Cantilever	12.85	0.10		16 TAC 25.101 (6)S1B 16 TAC 25.101 (6)S1B	Landowners Reluctant Consent. New Easement & Supplements were acquired as necessary

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STATE OF TEXAS

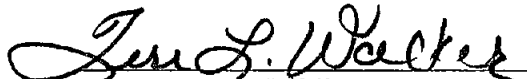
COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing AEP Texas regarding notice to perform the landowner requested rebuild and reconductor of the Moran to Putman 69kV transmission line as described in Project No. 42479030 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for June 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that AEP Texas has noticed all landowners on the current Shackelford and Callahan Counties tax rolls associated with these activities on all properties directly affected by these activities, has noticed any utilities whose certificated service area is crossed by this rebuild of facilities, has noticed any owners of parks and recreation areas within 1,000 feet, and any airports within 10,000 feet, of the centerline of this relocation of facilities, and has acquired all of the necessary easements to proceed with this project.



Roy R. Bermea
Regulatory Consultant
AEP Texas Inc.

SUBSCRIBED AND SWORN TO BEFORE ME, a Notary Public in and for the State of Texas, this 22nd day of June, 2017.


Notary Public