



Control Number: 46718



Item Number: 331

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AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
DECEMBER 2017

Public Utility Commission of Texas
Project No. 46718

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
42053511	Yucca Area Improvement Project	Crockett	Esmeralda to Yucca Build 138-kV line	5/1/2016	12/31/2016	6/30/2017	\$ 12,500,000.00				90		138	14.70	2 Bundled 959 6 Suwannee ACSS/TW	Single Pole Brace Post			100	14.70	42265	CCN approved on 06/16/2014
42431334	Yucca Area Improvement Project	Crockett	Big Lake to Friend Ranch Cut In to Esmeralda	10/1/2016	12/31/2016	6/30/2017		\$ 509,800.00			99		138								16 TAC 25 101 (c)(5)(A)	Prior consent from UT lands for cut-ins
42431649	Yucca Area Improvement Project	Crockett	Big Lake New relay panels	10/1/2016	12/31/2016			\$ 1,664,000.00			90		138								16 TAC 25 83(a)(3)	
42431682	Yucca Area Improvement Project	Crockett	Friend Ranch New relay panels	10/1/2016	12/31/2016	6/30/2017		\$ 1,185,800.00			99		138								16 TAC 25 83(a)(3)	
42264092	Yucca Area Improvement Project	Crockett	Esmeralda Build new 138-kV station	1/1/2016	12/31/2016	6/30/2017		\$ 7,313,000.00			99		138								16 TAC 25 83(a)(3)	
42431821	Yucca Area Improvement Project	Crockett	Yucca Convert station to 138-kV - T Asset	10/1/2016	12/31/2016	6/30/2017		\$ 608,000.00			50		138								16 TAC 25 83(a)(3)	
42316002	Red Creek Auto	Tom Green	Replace two 345-kV Autos and Relay Upgrades at Red Creek Substation	8/1/2016	3/28/2018			\$ 14,718,608.00			52	345									16 TAC 25 83(a)(3)	No property purchase required, existing station
42425030	North Brady Install New CB	McCulloch	Install a 3000 A, 40 kA, circuit breaker for termination of future new 69-kV circuit to the City of Brady Substation	9/19/2016	5/1/2017			\$ 843,328.00			25	69									16 TAC 25 83(a)(3)	
42409249a	Abilene NW to Capella POD	Taylor	Rebuild Abilene NW to Capella POD	7/25/2016	12/30/2016	2/3/2017		\$ 5,500,000.00			95	69	69	9.00	959 6 ACSS/TW	Steel Single Pole	100				16 TAC 25 101 (c)(5)(B)	Rebuild east of Capella POD. Landowners noticed & consent obtained
42505132	Abilene NW to Oak Creek	Taylor	Raise Abilene NW to Oak Creek	7/25/2016	11/18/2016	12/2/2017		\$ 900,000.00			95	138	138		795ACSS	Steel Single Pole	100				16 TAC 25 101 (c)(5)(B)	Existing easement landowner noticed
42505145	Abilene NW to Elm Creek	Taylor	Raise Abilene NW to Elm Creek	7/25/2016	11/18/2016	12/2/2018		\$ 900,000.00			95	138	138		795ACSS	Steel Single Pole	100				16 TAC 25 101 (c)(5)(B)	Existing easement landowner noticed
42535487	Alpine Upgrade Terminal	Brewster	Alpine Upgrade 69-kV Line Terminal	9/8/2016	8/28/2016	3/15/2017		\$ 3,060,000.00			95	69	69								16 TAC 25 83(a)(3)	
42300631	Barrilla Junction Improvements	Pecos	Barrilla Junction to Permian Basin Reconfigure 138-kV Line into New Solstice Station	12/1/2016	6/30/2017	2/2/2017		\$ 647,546.00			95	138	138	0.30	477 KCMIL ACSR	Steel Mono Pole					16 TAC 25 101 (c)(5)(A)	Construction within station property
42352834	Barrilla Junction Improvements	Pecos	Barrilla Junction Station Accommodations for the New Line for the 138/69-kV Auto	12/1/2016	6/30/2017	5/24/2017		\$ 964,071.00			90	138 / 69	138 / 69								16 TAC 25 83(a)(3)	
42483912	Bison to Powell Field Rebuild	Crockett/Reagan	Upgrade Powell Field Station	12/1/2016	5/31/2017	8/8/2017		\$ 539,000.00			99	69									16 TAC 25 83(a)(3)	
42486619	Pig Creek Station	Pecos	Pig Creek Station	12/1/2016	9/29/2017	10/30/2017		\$ 7,075,000.00			99	138	138								16 TAC 25 83(a)(3)	Property purchased
42486608	Pig Creek Station	Pecos	Cut Barrilla to Permian Basin 138-kV T-Line into new Pig Creek Station	12/1/2016	9/29/2017	10/30/2017		\$ 888,000.00			99	138									16 TAC 25 101 (c)(5)(A)	Construction within Purchased Property
42396666	Cassava Station	Irion	Build New 69-kV Station	1/5/2017	12/1/2017			\$ 6,200,000.00					138 / 69								16 TAC 25 83(a)(3)	Property Purchased
42425002	Cassava-Yucca Rebuild	Irion, Crockett	Rebuild 12 miles of existing 69-kV Transmission Line to 138-kV Operation	1/5/2017	12/1/2017			\$ 8,804,000.00				69	138	12.00	795 ACSS	Steel Mono Pole	50	12.00			16 TAC 25 101 (c)(5)(B)	Landowner Consent Obtained

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42471045	Casaiva-Yucca Rebuild	Irion	Install 138/69-kV 90MVA Autotransformer with LTC and one 138-kV Breaker at New Casaiva Station	1/5/2017	12/1/2017		\$ 3,335,000.00						138 / 69								16 TAC 25.83(a)(3)	
42425035	City of Brady-N. Brady Rebuild	McCulloch	Rebuild the City of Brady tap to North Brady as a double circuit with 69 & ACSR/TW and OPGW (approximately 0.4 mi), 138-kV construction	1/5/2017	5/1/2015		\$ 1,711,538.00					69		0.40	950 6 ACSR/TW	Steel Mono Pole	100	0.40			16 TAC 25.101 (c)(5)(B)	Landowners Notified. Consent and Easement Supplements were acquired as necessary.
42533342	Crowell-Truscott Humble Tap 69-kV Rebuild	Foard, Knox	Rebuild 16.22 Miles of 69-kV Transmission Line to 138-kV Standards	1/5/2016	12/31/2017		\$ 8,754,993.00				70	69		16.22	795 ACSS	Steel Mono Pole	100	16.22			16 TAC 25.101 (c)(5)(B)	Landowners Notified
42535492	Lasso Station Install DME, SDR, RTU, & Metering	Brewster	Lasso Station Install DME, SDR, RTU, & Metering	1/28/2017	3/31/2017	4/17/2017	\$ 800,000.00				90	69									16 TAC 25.83(a)(3)	
42536164	Alpine - Ft. Stockton Cut-In to Bronco	Brewster	Cut-In 69-kV Line to New Bronco Station	11/28/2016	12/31/2017	9/25/2017	\$ 500,000.00				90	69		0.01	796 ACSS	Steel Mono Pole	100				16 TAC 25.101 (c)(5)(A)	Cut-In within Existing Easement
42536135	Paint Creek Auto Replacement Accommodation	Haskell	Upgrade Equipment associated with New Auto Transformer	1/28/2017	6/30/2017	4/28/2017	\$ 1,461,169.00				95	138									16 TAC 25.83(a)(3)	Within Station Property
42532596	Jayton-Clarmont Tap 69-kV Rebuild	Karl	Rebuild 69-kV Transmission Line to 138-kV Standards and Partial Relocation to Mitigate Encroachments	2/1/2017	12/31/2017		\$ 6,986,986.00				80	69		10.83	795 ACSS	Steel Mono Pole	Varies	10.83	100	1.84	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowners Notified. Consent and New Easement & Supplements were acquired as necessary.
42502137	Alpine REA to Bantilla Junction 69-kV Rebuild	Brewster / Pecos	Rebuild 69-kV Transmission Line to 138-kV Capability & Install Temporary Tap Switches	2/25/2017	12/31/2017		\$ 23,247,832.00				75	69		41.82	795 ACSS	Steel Mono Pole		41.82			16 TAC 25.101 (c)(5)(B)	Landowners Notified. Necessary Easements Acquired.
42535309	Selaine-Holman Interconnect	Brewster	Bronco Station Construct a 138-kV-capable, three breaker ring bus station	2/25/2017	9/1/2017	9/25/2017	\$ 5,224,996.00				90	69									16 TAC 25.83(a)(3)	Property Purchased
42502807	Red Creek Replace Circuit Breaker	Tom Green	Replace 345-kV Circuit Breaker 5940 & 6 x 138-kV Circuit Breakers	4/19/2017	3/7/2018		\$ 3,344,832.00				77	345 / 138									16 TAC 25.83(a)(3)	Within Station Property
42536715	Casaiva - Merizon REA 69-kV Rebuild	Irion	Rebuild 69-kV Transmission Line, 138-kV Capable, but continue to operate at 69 kV	3/20/2017	6/1/2018		\$ 13,564,339.00				75	69		16.45	795 ACSS	Steel Mono Pole	Centerline	16.45			16 TAC 25.101 (c)(5)(B)	Landowners Notified. Easements with Consent Acquired Where Necessary
42300621	Bantilla Area Improvements	Pecos	Alamito Creek - Bantilla Junction Reroute 138-kV Line into New Solstice Station	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 (c)(5)(A)	Landowner Consent Obtained
42493281	Ft. Stockton Plant Replace Breakers	Pecos	Replace 69-kV Breakers	3/30/2017	6/30/2017		\$ 1,257,567.00				50	69	69								16 TAC 25.83(a)(3)	
42535472	Selaine-Holman Interconnect	Pecos	Ft. Stockton Plant Upgrade 69-kV Terminal	3/20/2017	6/30/2017		\$ 1,101,534.00				45	69	69								16 TAC 25.83(a)(3)	
42480723	Ft. Griffin 69-kV Station	Shackelford	Build New Ft. Griffin 69-kV Station	6/6/2017	12/15/2017		\$ 8,425,897.00						69								16 TAC 25.83(a)(3)	Property Purchased
42481588	Quare 69-kV Switch Station	Jones	Build New Quint 69-kV Station	11/3/2017	5/26/2018		\$ 9,096,275.00						69								16 TAC 25.83(a)(3)	Property purchased
42483018	Abilene South to Abilene West	Taylor	Construct 138-kV Box Bay at Abilene West Texas Gulf Tap. Will be operated at 69 kV (Sengress Box Bay)	7/26/2017	11/1/2017		\$ 1,735,461.00				45	69	69			Steel Mono Pole	Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements. Landowners noticed

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42479030	Moran - Putman 69-kV Rebuild	Shackelford / Callahan	Rebuild 69-kV Transmission Line to 138-kV standards but continue to operate at 69 kV. Reroute a 900' section of line to avoid an encroachment	8/5/2017	12/23/2017			\$ 14,170,922.17				69	69	12.96	795 ACSS	Steel Mono Pole	Centerline	12.86	100	0.10	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowners Notified. Consent, New Easement & Supplements were acquired as necessary
42594762	Russell Street Add Breakers	Reagan	Add Breakers, DICM, CT's, and COVT's to Russell Station	9/8/2017	3/15/2018			\$ 2,968,921.00				138									16 TAC 25.83(a)(3)	Within Existing Station Property
42499906	Sonora Station Replace Three Breakers	Sutton	Construct control house. Replace (3) 69-kV Breakers	8/8/2017	12/31/2017			\$ 2,104,600.00				69									16 TAC 25.83(a)(3)	Within Existing Station Property
42624777	Abilene Distribution Automation Circuit Reconfiguration - Transmission Assets Only	Taylor	Transmission High-Side work to automate distribution feeder breakers and station regulators at 8 Abilene area stations	11/15/2017	8/15/2018			\$ 2,374,000.00				138 / 69									16 TAC 25.83(a)(3)	Within Existing Station Property
42493257	Alpine CB Upgrades	Brewster	Replace CB's 4720, 3310, 3185	9/8/2017	12/31/2017			\$ 2,500,000.00			45	69									16 TAC 25.83(a)(3)	Within Existing Station Property
42578948	Upgrade Elm Creek Station	Taylor	Upgrade Elm Creek Station. Upgrade RTU, terminal equipment and relay	10/22/2017	12/30/2017			\$ 1,541,401.00			35	138 / 69									16 TAC 25.83(a)(3)	Within Existing Station Property
42576950	Abilene NW to Elm Creek Rebuild	Taylor	Rebuild Abilene NW to Elm Creek 69-kV Line	11/18/2017	12/30/2017			\$ 3,568,571.00				138 / 69		3.10	795 ACSS	Steel Mono Pole	Centerline	3.10	100	0.13	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowners Notified. Consent, New Easement & Supplements were acquired as necessary
42651519	Soldado-Permian Basin Rebuild 138-kV Line	Pecos, Reeves, Ward	Rebuild and Upgrade 37.47 miles of 138-kV transmission line double circuit capable between Soladito Substation and Permian Basin ONCOR POI	11/20/2017	12/1/2018			\$ 40,439,378.85				138		37.47	795 ACSS (bundled)	Steel Mono Pole & Concrete	80	37.47			16 TAC 25.101 (c)(5)(B)	Landowners Notified
42486671	Abilene South - Abilene West Texas Gulf Tap	Abilene/Taylor	Rebuild approximately 2.35 miles of 69-kV transmission line to 138-kV standards and double circuit capability but continue to operate at 69 kV	12/7/2017	1/26/2018			\$ 1,941,787.00			0	69		2.35	795 ACSS	Steel Mono Pole	Centerline	2.35			16 TAC 25.101 (c)(5)(B)	Landowners Notified
42579046	Abilene NW to Elm Creek Station	Abilene/Taylor	Upgrade Abilene NW Station	12/7/2017	1/2/2018			\$ 1,121,026.00			0	138 / 69									16 TAC 25.83(a)(3)	Within Station Property
42611234	Rancon Sub	Upton	Upgrade fuses and circuit switcher	12/11/2017	6/30/2018			\$ 650,000.00			0	69									16 TAC 25.83(a)(3)	Within Station Property
42598596	SW Vernon	Wilbarger	Upgrade transformer and equipment (replace existing station)	1/2/2018	12/31/2018			\$ 7,700,000.00			0	138 / 69									16 TAC 25.83(a)(3)	Within Station Property
42601759	Verhalen Substation	Reeves	Verhalen Distribution Substation is being upgraded T - Station Asset Only	12/7/2017	4/22/2018			\$ 1,460,276.00			0	138 / 69									16 TAC 25.83(a)(3)	Within Station Property
42667612	Owls Build Station	Big Lake / Reagan	Build a new 138 kV 3 circuit breaker ring bus with one 69-kV circuit breaker and a 138/69 kV, 50 MVA, autotransformer. Use 3000 A, 40 kA, circuit breakers	12/7/2017	12/31/2018			\$ 6,624,004.00			0		138								16 TAC 25.83(a)(3)	Purchased Property

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42599271	Clairmont Tap to Wolfgang Rebuild	Kent	Rebuild and reconductor approximately 7.65 miles of 69-kV transmission line to 138-kV standards. Continue to operate at 69 kV.	12/7/2017	12/31/2018			\$ 6,913,000.00			0	69		7.65	795 ACSS	Steel Mono Pole	Centerline	7.65			16 TAC 25 101 (c)(5)(B)	Landowners Notified
42604478	Mertzen REA to Mertzon to Tankersley Rebuild 69-kV Line	Mertzon / Irion, Tom Green	Rebuild, Reconductor, and Partially Relocate 13.47 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV.	1/31/2018	12/31/2018			\$ 10,300,120.00			5	69		13.47	795 ACSS	Steel Mono Pole	Centerline	13.47	100	0.39	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowners Notified. Consent, New Easement & Supplements were acquired as necessary.
42484594	Fl Griffin 69KV Station	Albany, Shackelford	Relocate the Albany-Putnam 69kV line into the new Fl Griffin station approximately 0.2 miles.	1/3/2018	1/23/2018			\$ 803,137.78			0	69		0.20	795 ACSS	Steel Mono Pole			100	0.20	16 TAC 25 101 (c)(5)(A)	Consent Obtained
42484598	Fl Griffin 69KV Station	Albany / Shackelford	Rebuild and reconductor approximately 0.81 mile section of the Albany-Putnam 69-kV transmission line between Albany and new Fl Griffin Station to 138-kV standards. Continue to operate at 69 kV.	1/3/2018	1/23/2018			\$ 1,817,812.51			0	69		0.81	795 ACSS	Steel Mono Pole	Centerline	0.81			16 TAC 25 101 (c)(5)(B)	Landowners Notified
42484593	Fl Griffin 69KV Station	Albany / Shackelford	Relocate the Albany-Rainey Creek 69kV line into the new Fl Griffin station approximately 0.45 miles.	12/7/2017	12/31/2017			\$ 1,034,349.79			0	69		0.45	795 ACSS	Steel Mono Pole			100	0.45	16 TAC 25 101 (c)(5)(A)	Consent Obtained
42618416	Fl Griffin 69KV Station	Albany / Shackelford	Rebuild and reconductor approximately 0.66 mile section of the Albany-Rainey Creek 69-kV transmission line between Albany and new Fl Griffin Station to 138-kV standards. Continue to operate at 69 kV.	12/7/2017	12/31/2017			\$ 1,880,819.13			0	69		0.66	795 ACSS	Steel Mono Pole			100	0.60	16 TAC 25 101 (c)(5)(B)	Landowners Notified
42479024s	Albany Foundry-Moran	Moran / Shackelford	Rebuild and reconductor approximately 8.90 miles of the Albany-Putnam 69-kV line from Albany Foundry-Moran.	1/25/2018	4/18/2018			\$ 8,040,670.00			0	69		8.90	795 ACSS	Steel Mono Pole	Centerline	9.23			16 TAC 25 101 (c)(5)(B)	Landowners Notified
42484591	Quaint	Jones	Relocate the Anson-Northwest Abilene 69kV line into the new Quaint Station approximately 0.6 miles.	4/20/2018	6/20/2018			\$ 3,748,249.51			0	69		0.60	795 ACSS	Steel Mono Pole			100	0.60	16 TAC 25 101 (c)(5)(A)	Consent Obtained
42619328	Quaint	Jones	Relocate the Onyx-Fl Phantom 69-kV line into the new Quaint Station approximately 0.3 miles.	4/20/2018	6/20/2018			\$ 1,448,249.13			0	69		0.30	795 ACSS	Steel Mono Pole			100	0.30	16 TAC 25 101 (c)(5)(A)	Consent Obtained
42611959	Truscott Humble Tap to Benjamin Tap Rebuild	Truscott / Knox	Rebuild and reconductor approximately 12.11 miles of the Truscott Humble Tap-Benjamin Tap 69-kV transmission line to 138-kV standards. Continue to operate at 69 kV.	12/10/2017	6/29/2018			\$ 8,557,917.00				69		12.11	T2 477 ACSR HAWK	Steel Mono Pole	Vanes	12.11			16 TAC 25 101 (c)(5)(B)	Landowners Notified Utilizing Existing Easements
42724179	Tards 138-kV Station	Knox	Build a new 138-kV three breaker ring bus 3000 Amps/ 40 kA (ultimate design will be limited to a four breaker ring bus). Add SCADA at the station.	1/3/2018	11/9/2019			\$ 6,283,000.00					138								16 TAC 25 83(a)(3)	Property purchased
42724196	Benjamin 69-kV Substation	Benjamin/Knox	Expand existing Benjamin 69-kV station with 138-kV bus and switches and add a 138/12-kV transformer.	1/3/2018	8/16/2018			\$ 3,282,000.00				69	69 / 138								16 TAC 25 83(a)(3)	Property purchased

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42551751	Abilene Plant Change Relay Settings	Abilene/Taylor	Abilene Plant Change relay settings to accommodate Abilene South to Abilene West Texas Gulf Tap 69-kV Rebuild	1/3/2018	3/31/2018		\$	293,839.00				69									16 TAC 25.83(a)(3)	Within Existing Station Property
42611170a	Ely REA Tap (Capella Box Bay)-Meribel 69-kV Rebuild	Taylor	Rebuild and Reconnector the Ely REA Tap (Capella Box Bay) to Meribel 4.55 mile segment of the Ely REA Tap (Capella Box Bay) to Ekola 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/2/2018	4/30/2018		\$	3,000,000.00				69		4.55	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	4.55			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42707021	Cedar Hill-Edith Humble 69-kV Rebuild	Coke	Rebuild and Reconnector the Cedar Hill to Edith Humble 69-kV transmission line to 138-kV standards. Will continue to be operated at 69 kV	1/8/2018	5/30/2018		\$	11,897,395.00				69		12.94	795 KCM ACSS "Drake"	Steel Mono Pole	Centerline	12.94			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42778959	Carver Station	Sutton	Carver Station Construct new 138kV 3000 amp, 40 KA four breaker ring station	2/5/2018	12/31/2018		\$	9,527,329.00			0		138								16 TAC 25.83(a)(3)	Property Purchased
42778962	Carver Station	Sutton	Sonora Station Replace 138-kV circuit breakers	2/5/2018	12/31/2018		\$	1,054,414.00			0	138 / 69									16 TAC 25.83(a)(3)	Within station property
42778963	Carver Station	Sutton	Reconnect the Friend Ranch-Sonora 138-kV Transmission Line into New Carver Station	2/5/2018	12/31/2018		\$	6,233,461.00			0	138									16 TAC 25.83(a)(3)	Within station property
42778964	Carver Station	Sutton	Reconnect the Live Oak-Sonora 138-kV Transmission Line into New Carver Station	2/5/2018	12/31/2018		\$	643,021.00			0	138									16 TAC 25.83(a)(3)	Within station property
42778967	Carver Station	Sutton	Reconnect the Hamilton Road-Sonora 138-kV Transmission Line into New Carver Station	2/5/2018	12/31/2018		\$	640,499.00			0	138									16 TAC 25.83(a)(3)	Within station property
42778963	Carver Station	Sutton	Friend Ranch Station Update relay towards Sonora Station	2/5/2018	12/31/2018		\$	250,725.00			0	138									16 TAC 25.83(a)(3)	Within station property
42725582	Carver Station	Sutton	El Dorado Live Oak Station Update relay towards Sonora Station	2/5/2018	12/31/2018		\$	273,360.00			0	138									16 TAC 25.83(a)(3)	Within station property
42730541	Carver Station	Sutton	Carver Bus Tie install a bus tie from Sonora Station 138-kV bus to New Carver Station 138-kV bus	2/5/2018	12/31/2018		\$	915,360.00			0		138	0.20	477.1 CM ACSS "Drake"	Steel Monopole					16 TAC 25.83(a)(3)	Within station property
42578761	Vernon Main St Substation	Vernon/Warner	Install two 14.4 MVAR Capacitor Banks to the Vernon Main St Substation 138-kV bus	2/5/2018	6/25/2018		\$	2,113,300.00			0	138 / 69									16 TAC 25.83(a)(3)	Within station property
42532774	Vernon Main St Substation	Vernon/Warner	Re locate transmission line structures on Vernon Main St - Construct 138-kV line to accommodate 1 14.4 MVAR capacitor bank	2/5/2018	6/25/2018		\$	362,057.00			0	138		0.03	705 KCM ACSS "Drake"	Steel H frame					16 TAC 25.83(a)(3)	Within station property

**AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
DECEMBER 2017**

**Public Utility Commission of Texas
Project No. 46718**

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 Central Number	Comments
41116342	Ablene South - Asset Health Monitor Reloc	Ablene/Taylor	Install Asset Health monitor equipment on the 136 kV Transformers	2/5/2018	3/1/2018			\$ 461,873.00				138									16 TAC 25.83(a)(3)	Within station property
42681634	Valentine Tap - DACR Circuit upgrades - Transmission Assets Only	Pseudo	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	3/28/2018	6/21/2018			\$ 262,356.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42738417	Ablene Maple St Station - DACR Circuit upgrades - Transmission Assets Only	Ablene/Taylor	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	3/26/2018	6/29/2018			\$ 368,811.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42683690	Ablene On Mill station DACR Circuit upgrades - Transmission Assets Only	Ablene/Taylor	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	3/24/2018	6/5/2018			\$ 246,887.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42685672	Ablene Vige St station DACR Circuit upgrades - Transmission Assets Only	Ablene/Taylor	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	4/19/2018	9/24/2018			\$ 402,175.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42582644	Wanda St Station - DACR Circuit upgrades - Transmission Assets Only	Ablene/Taylor	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	4/18/2018	9/24/2018			\$ 373,180.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42586691	Cade station - DACR Circuit upgrades - Transmission Assets Only	Wagon/Taylor	Transmission High-Side work for Distribution Automation Circuit Reconfiguration upgrades and associated circuit breaker upgrades	9/12/2018	9/12/2018			\$ 717,650.00				138 + 69									16 TAC 25.83(a)(3)	Within station property
42586669	Alpine - Alpine REA 69-KV	Alpine/Brewster	Rebuild, Re-conductor and Partially relocate of 69-KV transmission line to 136-KV Standards. Continue to be operated at 69 kV	3/5/2016	6/1/2016			\$ 4,078,108.00				69		0.16	795 K_LM ACSS "Drake"	Steel Mono Pole	Centerline	0.16	100	1.32	16 TAC 25.101 (c)(4)(B) & 16 TAC 25.101 (c)(4)(E)	Landowner's hired. Consent, new easement & Supplemental work acquired as necessary
42585973a	Paint Creek - Haskin Tap 69-KV	Haskell	Rebuild 2.00 miles of wood double circuit H-frame and 0.52 miles of wood single circuit single pole transmission line from Paint Creek to Haskin Tap. New structure will be steel single pole with the 2 mile section rebuilt for continued double circuit operation and capable of 136 kV operation, but will continue to be operated at 69 kV at this time. One circuit reconductor is included for this project	3/5/2016	6/8/2016			\$ 14,204,835.00				69		11.96	795 K_LM ACSS "Drake"	Steel Mono Pole	Centerline	11.96	100	2.00	16 TAC 25.101 (c)(4)(B)	Landowner's hired. Consent, new easement & Supplemental work acquired as necessary for Block-Out requirements. Landowner's hired
42626683	Haskin to Paint Creek	Haskell	Reconductor of 2.00 miles of the rebuilt double circuit H-frame in Project No. 42626673a that goes from Paint Creek to Haskell	2/5/2016	6/6/2016			\$ 2,334,222.00				69		2.03	795 K_LM ACSS "Drake"			2.03			16 TAC 25.101 (c)(4)(B)	Utilizing existing easements. Landowner's hired
42575691	Midway Upgrade Station	Crane	Upgrade Midway station terminal equipment with a maximum of 1200 Amps. Upgrade switches to 1200 Amps	4/5/2016	5/10/2016			\$ 587,408.00				69									16 TAC 25.83(a)(3)	Within station property
41693305	Substation WTX Gulf	Ablene/Taylor	Remove two poles on structures 1-1 and 1-2 on the Sawgrass 69kV Line. Remove and install conductors between 5A-2 and 1-2 structure	2/5/2018	3/31/2018			\$ 455,854.64				69			795 ACSS	Steel Mono Pole	Centerline				16 TAC 25.101 (c)(4)(B)	Landowner's Consent. OLA not

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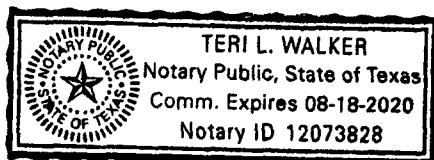
STATE OF TEXAS

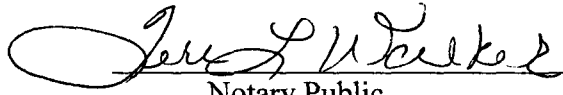
COUNTY OF TRAVIS

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 rebuild and reconductor of the AEP Texas Alpine Substation to the AEP Texas Alpine REA Substation 69-kV transmission line as described in Project No. 42598869 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for December 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 Brewster County 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 20th day of December, 2017.




Notary Public

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STATE OF TEXAS

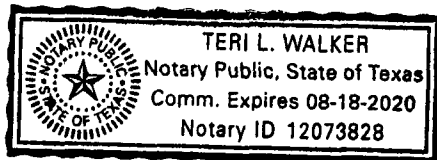
COUNTY OF TRAVIS

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 rebuild and reconductor of the AEP Texas Paint Creek Substation to the AEP Texas Haskell Tap 69-kV transmission line as described in Project No. 42629573a and 42629583 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for December 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 Haskell County 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 20th day of December, 2017.

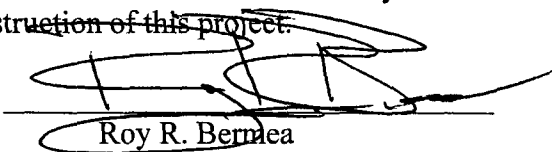

Notary Public

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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. (AEP Texas) representing AEP Texas Inc. regarding landowner consent required for the replacement of two structures and the installation of new conductor along the AEP Texas Sawgrass Box Bay to AEP Texas West Texas Gulf Tap 69-kV transmission line as described in Project No. 42690805 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for December 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that AEP Texas has obtained the consent necessary from the impacted landowners to accommodate the construction of 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 20th day of December, 2017.


Notary Public

