



Control Number: 46718



Item Number: 278

Addendum StartPage: 0

AEP Texas  
(North Division)  
CONSTRUCTION PROGRESS REPORT  
OCTOBER 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)	Role Section or PUC Central Number	Comments
42053511	Yucca Area Improvement Project	Crockett	Emeralds to Yucca. Build 138-kV line	5/1/2016	12/31/2016		\$ 12,500,000.00				85		138	14.70	2 Bundled 858 & 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 Emeralds	10/1/2016	12/31/2016			\$ 509,800.00			90		138								16 TAC 25 101 (c)(5)(A)	Prior consent from UT lands for Cut-Ins
42431648	Yucca Area Improvement Project	Crockett	Big Lake New relay panels	10/1/2016	12/31/2016			\$ 1,684,000.00			90		138								16 TAC 25 83(a)(3)	
42431882	Yucca Area Improvement Project	Crockett	Friend Ranch New relay panels	10/1/2016	12/31/2016			\$ 1,185,800.00			80		138								16 TAC 25 83(a)(3)	
42264082	Yucca Area Improvement Project	Crockett	Emeralds Build new 138-kV station	1/1/2016	12/31/2016			\$ 7,313,000.00			85		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			\$ 808,000.00			40		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	3/28/2016			\$ 14,716,808.00			50	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	8/19/2016	5/1/2017			\$ 843,328.00			25	69									16 TAC 25 83(a)(3)	
42408248a	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	8.00	858 & 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		\$ 800,000.00			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	12/2/2016		\$ 800,000.00			95	138	138		795ACSS	Steel Single Pole	100				16 TAC 25 101 (c)(5)(B)	Existing easement landowner noticed
42414115	Capella Box bay	Taylor	Build new Capella Box Bay	7/25/2016	11/18/2016	2/3/2017		\$ 1,000,000.00	\$ 1,129,842.00	12.99%	100	69	69								16 TAC 25 83(a)(3)	Property purchased
42535467	Alpine Upgrade Terminal	Brewster	Alpine Upgrade 69-kV Line Terminal	8/9/2016	8/28/2016	3/15/2017		\$ 3,060,000.00 \$ 2,908,000.00			95	69	69								16 TAC 25 83(a)(3)	Corrected Final Estimated Project Cost - inadvertent typo
42300631	Barrilla Junction Improvements	Pecos	Barrilla Junction to Permian Basin Referrinate 138-kV Line into New Boilice Station	12/1/2016	8/30/2017	2/2/2017		\$ 647,548.00			85	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	8/30/2017	5/24/2017		\$ 964,071.00			80	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			\$ 538,000.00			40	69									16 TAC 25 83(a)(3)	
42486618	Pig Creek Station	Pecos	Pig Creek Station	12/1/2016	9/29/2017			\$ 7,075,000.00			50	138	138								16 TAC 25 83(a)(3)	Property purchased
42486808	Pig Creek Station	Pecos	Cut Barrilla to Permian Basin 138-kV T-Line into new Pig Creek Station	12/1/2016	8/28/2017			\$ 888,000.00			30	138									16 TAC 25 101 (c)(5)(A)	Construction within Purchased Property
42396866	Cassava Station	Iron	Build New 69-kV Station	1/5/2017	12/1/2017			\$ 8,200,000.00					138 / 69								16 TAC 25 83(a)(3)	Property Purchased
42425002	Cassava-Yucca Rebuild	Iron, Crockett	Rebuild 12 miles of existing 69-kV Transmission Line to 138-kV Operation	1/5/2017	12/1/2017			\$ 8,804,000.00					138	12.00	795 ACSS	Steel Mono Pole	50	12.00			16 TAC 25 101 (c)(5)(B)	Landowner Consent Obtained

278

RECEIVED  
2017 OCT 23 PM 4:52  
PUBLIC UTILITIES COMMISSION

AEP Texas  
(North Division)  
CONSTRUCTION PROGRESS REPORT  
OCTOBER 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)	Role Section or PUC Control Number	Comments
42471045	Cassava-Yucca Rebuild	Irion	Install 138kV-138kV, 80MVA Autotransformer with LTC and one 138-kV Breaker at New Cassava Station	1/5/2017	12/1/2017		\$ 3,335,000.00						138 / 68								18 TAC 25 101 (c)(5)(B)	
42425035	City of Brady-N Brady Rebuild	McCulloch	Rebuild the City of Brady tap to North Brady as a double circuit with 858 6 ACSR/TW and OPGW (approximately 0.4 mi), 138-kV construction	1/5/2017	5/1/2015		\$ 1,711,538.00					68	0.40	858 6 ACSR/TW	Steel Mono Pole	100	0.40				18 TAC 25 101 (c)(5)(B)	Landowners Noticed Consent and Easement Supplements were acquired as necessary
42533342	Crowell-Truett-Humble Tap 68-kV Rebuild	Fearl, Knox	Rebuild 19.22 miles of 68-kV Transmission Line to 138-kV Standards	1/6/2016	12/31/2017		\$ 8,754,883.00				70	68	16.22	785 ACSS	Steel Mono Pole	100	16.22				18 TAC 25 101 (c)(5)(B)	Landowners Noticed
42535482	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	68									18 TAC 25 101 (c)(5)(A)	
42538184	Alpine - Ft Stockton Cut-in to Bronco	Brewster	Cut-In 68-kV Line to New Bronco Station	11/28/2016	12/31/2017	9/25/2017	\$ 500,000.00				90	68	0.01	796 ACSS	Steel Mono Pole	100					18 TAC 25 101 (c)(5)(A)	Cut-in within Existing Easement
42536135	Pant Creek Auto Replacement Accommodation	Haskell	Upgrade Equipment associated with New Auto Transformer	1/28/2017	6/30/2017	4/28/2017	\$ 1,461,189.00				85	138									18 TAC 25 101 (c)(5)(B)	Within Station Property
42532588	Jayton-Clairmont Tap 68-kV Rebuild	Kent	Rebuild 68-kV Transmission Line to 138-kV Standards and Partial Relocation to Mitigate Encroachments	2/1/2017	12/31/2017		\$ 8,986,986.00				80	68	10.83	785 ACSS	Steel Mono Pole	Varies	10.83	100	1.84	18 TAC 25 101 (c)(5)(B) & 18 TAC 25 101 (c)(5)(E)	Landowners Noticed Consent and New Easement & Supplements were acquired as necessary	
42502137	Alpine REA to Barmila Junction 68-kV Rebuild	Brewster / Pecos	Rebuild 68-kV Transmission Line to 138-kV Capability & Install Temporary Tap Switches	2/25/2017	12/31/2017		\$ 23,247,632.00				75	68	41.92	785 ACSS	Steel Mono Pole		41.92				18 TAC 25 101 (c)(5)(B)	Landowners Noticed Necessary Easements Acquired
42535309	Solaire-Holman Interconnect	Brewster	Bronco Station Construct a 138-kV-capable, three breaker ring bus station	2/25/2017	9/1/2017	9/25/2017	\$ 5,224,906.00				90	68									18 TAC 25 101 (c)(5)(B)	Property Purchased
42438658	Sonora 138-kV Station Upgrade	Sutton	Upgrade relay panel and associated equipment	3/10/2017	7/18/2017	3/24/2017	\$ 434,041.00				98	138									18 TAC 25 101 (c)(5)(B)	Within Station Property
42502807	Red Creek Replace Circuit Breaker	Tom Green	Replace 945-kV Circuit Breaker 5940 & 8 x 138-kV Circuit Breakers	4/18/2017	3/7/2018		\$ 3,344,832.00				60	345 / 138									18 TAC 25 101 (c)(5)(B)	Within Station Property
42536715	Cassava - Martzon REA 68-kV Rebuild	Irion	Rebuild 68-kV Transmission Line, 138-kV Capable, but continue to operate at 68 kV	3/29/2017	6/1/2018		\$ 13,584,339.00				50	68	16.45	785 ACSS	Steel Mono Pole	Centerline	16.45				18 TAC 25 101 (c)(5)(B)	Landowners Noticed Easements with Consent Acquired Where Necessary
42300621	Bayrda Area Improvements	Pecos	Alarmis Creek - Barmila Junction, Reterminates 138-kV Line into New Solaire Station	3/17/2017	3/31/2017		\$ 450,000.00					138	0.20	477 KCMIL ACSR	Steel Mono Pole			100	0.20		18 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42483281	Ft Stockton Plant Replace Breakers	Pecos	Replace 68-kV Breakers	3/30/2017	8/30/2017		\$ 1,257,567.00				50	68	68								18 TAC 25 101 (c)(5)(B)	
42535472	Solaire-Holman Interconnect	Pecos	Ft. Stockton Plant, Upgrade 68-kV Terminal	3/20/2017	8/30/2017		\$ 1,101,534.00				45	68	68								18 TAC 25 101 (c)(5)(B)	
42480723	Ft Griffin 68-kV Station	Shackelford	Build New Ft. Griffin 68-kV Station	6/6/2017	12/15/2017		\$ 4,425,897.00						68								18 TAC 25 101 (c)(5)(B)	Property Purchased
42481588	Quaint 68-kV Switch Station	Jones	Build New Quaint 68-kV Station	11/3/2017	5/29/2018		\$ 9,098,276.00						68								18 TAC 25 101 (c)(5)(B)	Property purchased
42483918	Ablene South to Ablene West	Taylor	Construct 138-kV Box Bay at Ablene West Texas Gulf Tap. Will be operated at 69 kV (Sangrean Box Bay)	7/26/2017	11/1/2017		\$ 1,735,461.00				45	68	68			Steel Mono Pole	Centerline				18 TAC 25 101 (c)(5)(B)	Constructed within existing easements. Landowners notified.

AEP Texas  
(North Division)  
CONSTRUCTION PROGRESS REPORT  
OCTOBER 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
42479030	Moran - Putman 69-kV Rebuild	Sheckelord / Callahan	Rebuild 69-kV Transmission Line to 138-kV standards but continue to operate at 69-kV. Remove a 600' section of this Rebuild to avoid an encroachment	8/5/2017	12/22/2017			\$ 14,170,822.17				69	69	12.89	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 & Supplementals were acquired as necessary
42584762	Russak Street Add Breakers	Reagan	Add Breakers, DICM, CTs, and CCVT's to Russak Station	9/8/2017	3/15/2018			\$ 2,898,821.00				138									16 TAC 25 #3(a)(3)	Within Existing Station Property
42489206	Somers Station Replace Three Breakers	Sutton	Construct control house. Replace (3) 69-kV Breakers	8/9/2017	12/31/2017			\$ 2,104,600.00				69									16 TAC 25 #3(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	11/16/2017	8/16/2018			\$ 2,374,000.00				138 / 69									16 TAC 25 #3(a)(3)	Within Existing Station Property
42493257	Alpha CB Upgrades	Brewster	Replace CB's 4720, 3310, 3165	8/8/2017	12/31/2017			\$ 2,500,000.00			45	69									16 TAC 25 #3(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 #3(a)(3)	Within Existing Station Property
42578950	Abilene NW to Elm Creek Rebuild	Taylor	Rebuild Abilene NW to Elm Creek 69-kV Line	11/18/2017	12/30/2017			\$ 3,598,571.00				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 & Supplementals were acquired as necessary	
42651519	Solstice-Permian Basin Rebuild 138-kV Line	Pecos,Reeves Ward	Rebuild and Upgrade 37.47 miles of 138-kV transmission line double circuit capable between Solstice Substation and Permian Basin ONCOR POI	11/20/2017	12/1/2018			\$ 40,438,378.85				138	37.47	795 ACSS (Bundled)	Steel Mono Pole & Concrete	80	37.47			16 TAC 25 101 (c)(5)(B)	Landowners Notified	
42486571	Abilene South - Abilene West Texas Gull 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	1/24/2018			\$ 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	
42578946	Abilene NW to Elm Creek Station	Abilene/Taylor	Upgrade Abilene NW Station	12/7/2017	1/2/2018			\$ 1,121,028.00			0	138 / 69									16 TAC 25 #3(a)(3)	Within Station Property
42611234	Rankin Sub	Upton	Upgrade fuses and circuit switcher	12/11/2017	6/30/2018			\$ 650,000.00			0	69									16 TAC 25 #3(a)(3)	Within Station Property
42598596	SW Vernon	Wabarger	Upgrade transformer and equipment (replace existing station)	1/2/2018	12/31/2018			\$ 7,700,000.00			0	138 / 69									16 TAC 25 #3(a)(3)	Within Station Property
42601750	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 #3(a)(3)	Within Station Property
42647612	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 90 MVA, autotransformer. Use 3000 A, 40 kA, circuit breakers	12/7/2017	12/31/2018			\$ 6,624,004.00			0		138								16 TAC 25 #3(a)(3)	Purchased Property

AEP Texas  
(North Division)  
CONSTRUCTION PROGRESS REPORT  
OCTOBER 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
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		\$ 6,813,000.00				0	69		7.65	795 ACSS	Steel Mono Pole	Centerline	7.65			16 TAC 25.101 (c)(5)(B)	Landowners Noticed
42604478	Mertzon REA to Mertzon to Tankersley Rebuild 69-kV Line	Mertzon / Inon Tom Green	Rebuild, Reconductor, and Partially Relocate 13.47 Miles of 69-kV Line to 138-kV Standards. Continue to Operate at 69 kV.	1/31/2018	12/31/2018		\$ 10,900,120.00				0	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 Noticed. Consent. New Easement & Supplements were acquired as necessary.
42484594	Ft Griffin 69KV Station	Albany Shackelford	Re termine the Albany-Putnam 69KV line into the new Ft. 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	Ft 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 Ft. 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 Noticed
42484593	Ft Griffin 69KV Station	Albany / Shackelford	Re termine the Albany-Rainey Creek 69KV line into the new Ft. Griffin station approximately 0.45 miles.	12/7/2017	12/31/2017		\$ 1,034,349.78				0	69		0.45	795 ACSS	Steel Mono Pole			100	0.45	16 TAC 25.101 (c)(5)(A)	Consent Obtained
42618416	Ft Griffin 69KV Station	Albany / Shackelford	Rebuild and reconductor approximately 0.86 mile section of the Albany-Rainey Creek 69-kV transmission line between Albany and new Ft. Griffin Station to 138-kV standards. Continue to operate at 69 kV.	12/7/2017	12/31/2017		\$ 1,880,819.13				0	69		0.86	795 ACSS	Steel Mono Pole			100	0.80	16 TAC 25.101 (c)(5)(B)	Landowners Noticed
42479024a	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 Noticed
42484551	Quaint	Jones	Re termine the Anson-Northwest Ableton 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	Re termine the Onyx-Ft Phantom 69-kV line into the new Quaint Station approximately 0.3 miles.	4/20/2018	6/20/2018		\$ 1,449,249.13				0	69		0.30	795 ACSS	Steel Mono Pole			100	0.30	16 TAC 25.101 (c)(5)(A)	Consent Obtained