



Control Number: 46718



Item Number: 186

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AEP Texas
(North Division)
CONSTRUCTION PROGRESS REPORT
JULY 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 (\$)	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	Line shift to Yucca Blvd 138 kV line	5/1/2016	12/31/2016		\$ 12,500,000.00			85		138	14.70	2 Bundles 550 kcmil ACSR/TW	Single Pole Steel Pole			100	14.70	4/26/s	CCN approved on 05/16/2014
42431334	Yucca Area Improvement Project	Crockett	Big Lake to Hunt Ranch Cut in to Esmeralda	10/1/2016	12/31/2016		\$ 5,078,000.00			90		138								16 TAC 25.101 (c)(5)(A)	Prior consent from UT lands for Cut in.
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	Hunt Ranch - New relay panels	10/1/2016	12/31/2016		\$ 1,165,000.00			80		138								16 TAC 25.83(a)(3)	
42701092	Yucca Area Improvement Project	Crockett	Esmeralda - Build new 138 kV station	1/1/2016	12/31/2016		\$ 7,315,000.00			65		138								16 TAC 25.83(a)(3)	
42431821	Yucca Area Improvement Project	Crockett	Yucca - Convert station to 138 kV station	10/1/2016	12/31/2016		\$ 625,000.00			40		138								16 TAC 25.83(a)(3)	
42300615b	Barilla Junction Improvements	Pecos	Substation New Substation Site Work	12/14/2015	8/30/2016		\$ 1,000,000.00					138								16 TAC 25.83(a)(3)	The costs associated with this project include site work related costs only.
42316002	Red Creek Area	Tom Green	Replace two 345 kV Auto and Relay Upgrade at Red Creek Substation	8/1/2016	3/1/2018		\$ 11,716,608.00			50	315									16 TAC 25.83(a)(3)	No property purchase required existing station
42425030	North Brady Inval New CB	McCombs	Install a 3000 A 40 kA circuit breaker for termination of 69 kV new 69 kV circuit to the City of Brady Substation	8/19/2016	5/1/2017		\$ 813,328.00			2%	89									16 TAC 25.83(a)(3)	
42300615b	Barilla Junction Improvements	Pecos	Substation New Substation Construction	7/1/2015	10/1/2016		\$ 8,053,846.00					138								16 TAC 25.83(a)(3)	The costs associated with this project include all substation construction costs excluding site work related costs.
42409249a	Abilene NW to Capella POD	Taylor	Rebuild Abilene NW to Capella POD	7/25/2016	12/30/2016		\$ 5,500,000.00				69	69	9.00	550 kcmil ACSR/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	Rebuild Abilene NW to Oak Creek	7/25/2016	11/18/2016		\$ 900,000.00				138	138		795ACSS	Steel Single Pole	100				16 TAC 25.101 (c)(5)(B)	Existing easement landowner notified.
42505145	Abilene NW to Elm Creek	Taylor	Rebuild Abilene NW to Elm Creek	7/25/2016	11/18/2016		\$ 930,000.00				138	138		795ACSS	Steel Single Pole	100				16 TAC 25.101 (c)(5)(B)	Existing easement landowner notified.
42414115	Capella Box Bay	Taylor	Build new Capella Box Bay	7/25/2016	11/18/2016		\$ 1,000,000.00				69	69								16 TAC 25.83(a)(3)	Property purchased.
12515467	Alpine Upgrade Terminal	Brewster	Alpine Upgrade 69 kV Line Terminal	8/8/2016	8/28/2016		\$ 100,000.00				69	69								16 TAC 25.83(a)(3)	
42300631	Barilla Junction Improvements	Pecos	Barilla Junction to Fort Stockton Rebuild 138 kV Line into New Substation	12/1/2016	6/30/2017		\$ 647,546.00			0	138	138	0.30	477 KCMIL ACSR	Steel Mono Pole					16 TAC 25.101 (c)(5)(A)	Construction within station property.
42300637	Barilla Junction Improvements	Pecos	Barilla Junction to Fort Stockton Rebuild 138 kV Line into New Substation	12/1/2016	6/30/2017		\$ 599,868.00			0	138	138	0.28	477 KCMIL ACSR	Steel Mono Pole					16 TAC 25.101 (c)(5)(A)	Construction within station property.
42352834	Barilla Junction Improvements	Pecos	Barilla Junction Station Access Improvements for the 138 kV Line for the 138 kV Auto	12/1/2016	6/30/2017		\$ 934,071.00			0	138/69	138/69								16 TAC 25.83(a)(3)	

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By: [Signature]

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42420777	Blinn/Jane Field Improvements I	Ford Co.	Rebuild 138 kV Substation. Build 0.25 Miles of 138 kV Line to the Blinn/Jane Field Substation.	12/1/2016	1/15/2017			\$ 484,000.00			0	138	138	0.25	955 B KCMIL ACSR TW	Steel Monopole					16 TAC 25.101(c)(5)(A)	Construction within Station Property
42461512	Brown Branch Field Rebuild I	Dawson County	Upgrade Power Field Station	12/1/2016	5/31/2017			\$ 699,000.00			40	69	69								16 TAC 25.83(a)(3)	
42466112	Pig Creek Station	Pecos	Pig Creek Station	12/1/2016	9/23/2017			\$ 7,075,000.00			50	138	138								16 TAC 25.83(a)(3)	Property purchased
42466608	Pig Creek Station	Pecos	Call Station to Power on Bus at 138 kV. Line to be upgraded to 138 kV.	12/1/2016	9/23/2017			\$ 685,000.00			23	138									16 TAC 25.101(c)(5)(A)	Construction within Purchased Property
42466626	Garland Field	Reeves	Garland Field Substation	12/1/2016	2/1/2017			\$ 4,100,000.00			55		138								16 TAC 25.83(a)(3)	Eastments obtained
42467833	Garland Field	Reeves	Call Station to Permain Branch 138 kV. Line to be upgraded to 138 kV.	12/1/2016	2/1/2017			\$ 778,000.00			54	138									16 TAC 25.101(c)(5)(A)	Within Easement to Gar Pad
42390066	Garland Station	Reeves	Build New 69 kV Station	1/5/2017	12/1/2017			\$ 6,200,000.00					138	0.00							16 TAC 25.83(a)(3)	Property Purchased
42425002	Garland Station	Reeves	Rebuild 138 kV Substation. Line to be upgraded to 138 kV.	1/5/2017	12/1/2017			\$ 9,804,000.00				69	138	12.00	795 ACSB	Steel Monopole	50		12.00		16 TAC 25.101(c)(5)(B)	Landowner Consent Obtained
42471045	Garland Station	Reeves	Rebuild 138 kV Substation. Add 138 kV Breaker at New Substation.	1/5/2017	12/1/2017			\$ 4,100,000.00					138	0.00							16 TAC 25.83(a)(3)	
42425025	City of Blady N. Blady Rebuild	McClain Co.	Rebuild the City of Blady Substation. Add 138 kV Breaker at New Substation. Add 138 kV Line to the City of Blady Substation.	1/5/2017	5/1/2017			\$ 1,711,500.00				69	0.40	955 B ACSR TW	Steel Monopole	100		0.40			16 TAC 25.101(c)(5)(B)	Landowner's Noted Consent and Easement Supplement were acquired as necessary
42533342	Garland Station	Reeves	Rebuild 138 kV Substation. Add 138 kV Breaker at New Substation.	1/5/2017	12/1/2017			\$ 9,804,000.00			70	69		10.22	795 ACSB	Steel Monopole	100		10.22		16 TAC 25.101(c)(5)(B)	Landowner's Noted
42535492	Garland Station	Reeves	Rebuild 138 kV Substation. Add 138 kV Breaker at New Substation.	1/5/2017	3/31/2017			\$ 800,000.00				69									16 TAC 25.83(a)(3)	
42536184	Alpine REA to Blinn/Jane	Brewster Co.	Call Station to Blinn/Jane Substation. Add 138 kV Breaker at New Substation.	11/28/2016	12/1/2017			\$ 530,000.00				69	0.01	190 ACSB	Steel Monopole	100					16 TAC 25.101(c)(5)(A)	Construction within Easement
42536195	Pig Creek Auto Replacement	Harris	Upgrade Equipment associated with Pig Creek Auto Replacements	1/28/2017	5/31/2017	4/28/2017		\$ 1,461,160.00			94	138									16 TAC 25.83(a)(3)	Within Station Property
42537596	Garland Station	Reeves	Rebuild 69 kV Transmission Line to 138 kV. Landowner's and Partial Relocation to Mill Creek Substation.	2/1/2017	12/31/2017			\$ 6,985,980.00			75	69		10.83	795 ACSB	Steel Monopole	Varies	10.83	100	1.84	16 TAC 25.101(c)(5)(B) & 16 TAC 25.101(c)(5)(E)	Landowner's Noted Consent and New Easement & Supplement were acquired as necessary
42502137	Alpine REA to Blinn/Jane	Brewster Co.	Rebuild 69 kV Transmission Line to 138 kV. Landowner's and Partial Relocation to Mill Creek Substation.	2/25/2017	12/31/2017			\$ 2,247,632.00				69	41.92	795 ACSB	Steel Monopole			41.92			16 TAC 25.101(c)(5)(B)	Landowner's Noted Necessary Easements Acquired
42535309	Garland Station	Reeves	Rebuild 138 kV Substation. Add 138 kV Breaker at New Substation.	2/25/2017	9/1/2017			\$ 5,214,590.00					69								16 TAC 25.83(a)(3)	Property Purchased
42436658	Garland Station	Reeves	Upgrade 138 kV Substation. Add 138 kV Breaker at New Substation.	1/10/2017	5/1/2017			\$ 434,041.00			5	138									16 TAC 25.83(a)(3)	Within Station Property
42502607	Garland Station	Reeves	Replace 145 kV Circuit Breaker 5040 & 138 kV Circuit Breaker 5040	4/19/2017	1/1/2018			\$ 1,344,432.00			5	345	138								16 TAC 25.83(a)(3)	Within Station Property

To: Warren
Via: Email
From: AEP Texas
Subject: Project No. 46718

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42536/15	Cassida - Westcap RCR 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		\$ 13,584,339.00					69		16.45	795 ACSS	Steel Mono Pole	Centerline	16.45			16 TAC 25.101 (c)(5)(B)	Landowners Notified Easement - with Consent Acquired Where Necessary
42300671	Burnita Area Improvements	Pecos	Abilene Creek - Burnita Junction Return into New 138 kV Station	3/17/2017	7/31/2017		\$ 4,000,000.00					138		0.20	477 KCMIL ACSS	Steel Mono Pole			100	0.20	16 TAC 25.101 (c)(5)(A)	Landowner Consent Obtained
42175059	Abilene Northside Breaker Addition	Taylor	Replace 6 kV breakers	3/30/2017	9/30/2017		\$ 2,917,067.00					138 / 69	138 / 69								16 TAC 25.83(a)(3)	
42433261	H. Stockton Plant Replace Breakers	Pecos	Replace 6 kV breakers	3/30/2017	6/30/2017		\$ 1,257,507.00					69	69								16 TAC 25.83(a)(3)	
42535172	Sofone Holman Interconnect	Pecos	H. Stockton Plant Upgrade 69 kV Transm.	3/30/2017	6/30/2017		\$ 1,101,534.00					69	69								16 TAC 25.83(a)(3)	
42480723	H. Guffin 69 kV Station	Shackelford	Build New H. Guffin 69 kV Station	6/6/2017	12/15/2017		\$ 6,455,837.00						69								16 TAC 25.83(a)(3)	Property Purchased
42481598	Guffin 69 kV Switch Substation	Jones	Build New Guffin 69 kV Station	11/3/2017	5/20/2018		\$ 9,040,276.00						69								16 TAC 25.83(a)(3)	Property purchased
42483918	Abilene South to Abilene West	Tyler	Continue 138 kV Box Bay at Abilene West Transmission Tap. Will be upgraded at 138 kV (Same as Box Bay)	7/6/2017	11/1/2017		\$ 1,735,461.00					69	69			Steel Mono Pole	Centerline				16 TAC 25.83(a)(3)	Constructed within existing easements. Landowners notified
42479030	Moran Holman 69 kV Rebuild	Shackelford / Garfield	Relocate 69 kV Transmission Line to 138 kV standards, but continue to operate at 69 kV. Reconnect to 69 kV section of the RCR based to avoid an out of service of	6/5/2017	12/22/2017		\$ 14,170,022.17					69	69	12.86	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 relevant
42594702	Russell Street Add Breakers	Reagan	Add Breakers, DICM, CT's and COV's to Russell Station	8/8/2017	3/15/2018		\$ 2,059,921.00					138									16 TAC 25.83(a)(3)	Within Existing Station Property
42495906	Sonora Station Replace Three Breakers	Sutton	Construct control house. Replace (3) 69 kV Breakers	8/8/2017	12/31/2017		\$ 2,104,000.00					69									16 TAC 25.83(a)(3)	Within Existing Station Property
42024777	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	3/15/2018		\$ 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 3165	8/8/2017	12/31/2017		\$ 2,500,000.00					69									16 TAC 25.83(a)(3)	Within Existing Station Property