

Control Number: 49066



Item Number: 22

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**SOUTHWESTERN ELECTRIC POWER COMPANY
CONSTRUCTION PROGRESS REPORT
JANUARY 2019**

**Public Utility Commission of Texas
Project No. 49066**

22

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
41617969	Valiant to NW Texarkana 345-kV Texas Portion	Bowe	Construct new 345-kV double circuit capable transmission line from the Red River Crossing to the SWEPCO NW Texarkana Substation and necessary termination facilities at NW Texarkana	10/27/2014	12/12/2016	12/1/2016	\$ 69,841,000.00	\$ 71,815,773.00			99		345	44 22	954 ACSR	Steel, Single Pole			150	44 22	40685	Approved 08/30/13 Project WO number changed for TX portion of project.
42478190	Welch HVDC SWEPCO Phase 2	Titus	Complete expansion of 345-kV station yard, install new bus, control building, relays and station equipment, and 5th harmonic reactor/filter.	4/11/2016	9/30/2017	6/28/2017		\$ 20,920,753.00			99	345									16 TAC 25 63(a)(3)	SWEPCO portion of total project costs. Land for expansion has been purchased.
42520111	Knox Lee 138-kV Relocation	Panola	Relocate a 2.30 mile portion of the Knox Lee-Rock Hill Heights 138-kV transmission line for Luminant Mining	2/5/2017	5/30/2017	4/29/2017		\$ 2,698,544.00			99	138	138	2 30	795 ACSR	Steel, Single Pole	Centerline	2 30	100	2 20	16 TAC 25.101 (c)(5)(D)	Landowners Noticed. Easements Obtained. Project is Reimbursable.
42625878	DeKalb to Buford Survey 69-kV Line Rebuild	Bowes/Morris	Rebuild and Reconductor DeKalb to Buford Survey 69-kV T-Line to 138-kV Standards but will continue to be operated at 69 kV.	10/23/2017	5/18/2018	5/18/2018		\$ 28,930,744.00			99	69	69	19.40	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Vanes	19 40			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42625878	Naples to Buford Survey 69-kV Line Rebuild	Morris	Rebuild and Reconductor Naples to Buford Survey 69-kV T-Line to 138-kV Standards but will continue to be operated at 69 kV.	5/1/2019	9/27/2019			\$ 7,643,591.00			0	69	69	6 60	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Vanes	6 60			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42678611	Morton Substation T-Line Assets	Van Zandt	Build 1500' of double-circuit 138-kV line for cut-in to SWEPCO Morton Station	5/14/2018	10/1/2018	9/21/2018		\$ 1,301,441.00			99		138	0 30	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole			100	0 30	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained.
42678612	Morton Substation T-Station Assets	Van Zandt	Install two 138-kV rated MOABS and one 138-kV Rated bus tie switch	4/15/2018	10/1/2018	9/21/2018		\$ 1,487,960.00			99		138								16 TAC 25 63(a)(3)	Property Purchased.
42672427	Hedley-Memphis 69-kV Line Rebuild	Donley / Hall	Rebuild and Reconductor 12.58 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV.	9/5/2017	5/14/2018	5/15/2018		\$ 13,387,787.00			99	69	69	12 58	T2 477 KCM ACSR	Steel, Single Pole	Various	12 58			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42672009	Whitney Station: Replace Breakers and Transformers	Gregg	Replacement of six (6) transmission breakers, two autotransformers, bus and controls	9/8/2017	6/17/2019			\$ 10,236,875.00			65	138									16 TAC 25 63(a)(3)	Within Station Property.
42621746	Clarendon-Hedley 69-kV Line Rebuild	Donley	Rebuild and Reconductor 14.49 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV.	9/8/2017	5/14/2018			\$ 14,463,583.00				69	69	14.49	T2 477 KCM ACSR	Steel, Single Pole	Various	14.49			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42622815	Jenkins T - Hughes Springs Rebuild	Hughes Springs/Casa, Morris	Rebuild and Reconductor 4.76 Miles of 69-kV T-Line from Jenkins "T" to Hughes Springs Substation to 138-kV Standards. Continue to Operate at 69 kV.	11/13/2017	3/30/2018			\$ 8,785,000.00				69	69	4 76	1272 ACSR	Steel, Single Pole	Various	4 76			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42581190	Evenside - NW Henderson 69-kV Rebuild	Henderson/Rusk	Rebuild, Reconductor, and Partially Relocate 6.38 Miles of 69-kV T-Line from Evenside - NW Henderson to 138 kV Standards. Continue to Operate at 69 kV.	12/4/2017	6/1/2018	5/11/2018		\$ 9,003,800.00			99	69	69	6 38	1272 ACSR 54/19 (Pheasant)	Steel, Single Pole	Various	6 38	100	0 08	16 TAC 25 101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Utilizing existing easements. Consent acquired where necessary. Landowners noticed.

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42578898	Evenade Station Remote End Work	Henderson/Rusk	Evenade Station - Expand station to accommodate DICM, replace CB-1230 and disconnect switches, add surge arresters and replace existing bus PT's with CCVT's, replace RTU.	10/30/2017	6/1/2018	5/11/2018	\$ 2,215,100.00				89	69									16 TAC 25.83(a)(3)	Within Station Property
42579800	NW Henderson Station Remote End Work	Henderson/Rusk	NW Henderson Station - Upgrade 69-kV Evenade terminal for new relaying	1/6/2018	6/1/2018	5/11/2018	\$ 589,200.00				90	69									16 TAC 25.83(a)(3)	Within Station Property
42751512	Public Relocation: Hawke-Mineola	Wood	Raise 69-kV transmission line to meet current clearance standards, requires removal of 5 wood h-frame structures & installation of 5 new steel poles	3/5/2018	6/1/2018	5/17/2018	\$ 823,853.00				95	60				Steel, Single Pole					16 TAC 25.101 (c)(5)(D)	Landowners Noticed
42821757	Memphis-Estelline 69-kV Line Rebuild	Memphis/Hall, Estelline/Hall	Rebuild, Reconductor, and Partially Relocate 18.15 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV	12/7/2017	2/1/2019	12/3/2018	\$ 14,745,480.00				89	69		18.15	T2 477 KCM ACSR	Steel, Single Pole	Various	18.15	100	0.18	16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(E)	Landowners Noticed. Consent, New Easement & Supplements were acquired as necessary
42872428	Estelline-W. Childress 69-kV Rebuild	Estelline/Hall, Childress/Childress	Rebuild and Reconductor 17.23 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV	12/7/2017	12/23/2019		\$ 18,743,790.00				25	69		17.23	T2 477 KCM ACSR	Steel, Single Pole	Various	17.23			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42872429	Childress Amoco Tap 69-kV Rebuild	Childress	Rebuild and Reconductor 1.58 Miles of 69-kV to 138-kV Standards. Continue to operate at 69 kV	12/7/2017	11/7/2019		\$ 2,018,300.00					69		1.58	T2 477 KCM ACSR	Steel, Single Pole	Various	1.58			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42872835	Bann to Redlick 69-kV Line Rebuild	Bowie	Rebuild and Reconductor the Bann to Redlick 69-kV T-Line (existing double circuit with Bann to New Boston 138-kV transmission line) to 138-kV Standards but will continue to be operated at 69 kV	9-1-2020	12-31-2020		\$ 2,815,825.00					69		1.50	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	1.50	100	1.50	16 TAC 25.101 (c)(5)(B)	Landowner Consent Obtained
42833475	Bann to North New Boston 138-kV Line Rebuild	Bowie	Rebuild and Reconductor 1.5 miles of the Bann to North New Boston 138-kV T-Line (existing double circuit with Bann to Redlick 69-kV transmission line)	9-1-2020	12-31-2020		\$ 2,695,041.00					138		1.50	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	1.50	100	1.50	16 TAC 25.101 (c)(5)(B)	Landowner Consent Obtained
42844732	Adora Tap - West Mt. Pleasant	Mt. Pleasant/Titus	Rebuild and Reconductor 0.86 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV	3/19/2018	5/1/2019		\$ 1,360,000.00					69	69	0.86	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Various	0.86			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42822841a	Pilgrimage Pride-Winfield Rehab (Pilgrimage Pride-Adora Tap)	Titus	Rebuild and Reconductor 1.61 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV	1/15/2018	3/19/2019		\$ 1,418,864.00					69		1.61	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Various	1.61			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42878578	Wilkes 345-kV Replace breakers and auto transformer	Marion	Replace 138-kV Breakers and Bus and one 138/345-kV auto transformer	4/1/2018	6/14/2021		\$ 13,778,833.00				10	345 / 138									16 TAC 25.83(a)(3)	Within Station Property

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42684227	IPC 138-kV Substation	Cass	Expand Station Property, add a 138-kV CB in parallel with the current CB 7340, new control panels for the new CB, air break switches, bus addition for parallel connection to existing 138-kV CB and equipment and new 138-kV metering	4/30/2018	12/5/2018	12/7/2018		\$ 1,188,064.00			99	138									16 TAC 25.83(a)(3)	Property Purchased
42624837	Cass Tap Station	Cass	Build new 138-kV Box Bay Station with 2-3000A breakers, 1-3000A Tap Switch and 138-kV Combo Metering Units on newly acquired property.	8/11/2018	3/22/2019			\$ 4,578,869.00			80	138									16 TAC 25.83(a)(3)	Property Purchased
42624848	Munz City Station	Cass	Expand station property, install two 138 kV, 3000A Breakers, 1-3000A Tap Switch, re-work bus, and upgrade metering, and install a control house	6/1/2018	4/12/2019			\$ 4,091,536.00			80	138									16 TAC 25.83(a)(3)	Property Purchased
42773747	IPC 138-kV Substation	Cass	IPC 138 kV - install two 14.4 MVAR, 138 kV, capacitor units at IPC 138 kV sub and new control house.	7/9/2018	12/5/2018	12/13/2018		\$ 1,876,871.00			99	138									16 TAC 25.83(a)(3)	Within Station Property
42707038	Vernon Station (SPP) Breaker Replacement	Vernon/Wabarger	Replace 68-kV Circuit Breaker 122	7/2/2018	5/1/2019			\$ 797,621.00			0	68									16 TAC 25.83(a)(3)	Within existing property
42626676	Cass Tap T-line	Cass	Install new three 3-pole anchor bolted galvanized Deadend Structures to loop line into new Cass Tap Box Bay station.	8/10/2018	3/22/2019			\$ 1,114,832.00			25	138		0.13	1272 KCM 54/18 ACSR "PHEASANT"	Steel 3-Pole	100	0.13			16 TAC 25.101 (c)(5)(A)	Within existing property
42624844	Munz City T-line	Cass	Re-terminates T-line into Munz City Station, two 3-pole anchor bolted galvanized Deadend Structures Project will require temporary shoo fly to be removed after new termination is complete	8/29/2018	4/12/2019			\$ 1,033,315.00			25	138		0.08	1272 KCM 54/18 ACSR "PHEASANT"	Steel 3-Pole	100	0.08			16 TAC 25.101 (c)(5)(A)	Within existing property Temporary ROW acquired for shoo fly
42625874	Bulford Survey Tap to Cookville Tap 68-kV Line Rebuild	Morrison, Titus	Rebuild and Reconnector Bulford Survey Tap to Cookville Tap 68-kV T-Line to 138-kV standards but will continue to be operated at 68 kV.	1/2/2019	5/31/2019			\$ 6,710,455.00			2	68		6.28	1272 KCM 54/18 ACSR "PHEASANT"	Steel Mono Pole	Various	6.28			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42625876	Cookville Tap to Cookville 68-kV Line Rebuild	Titus	Rebuild and Reconnector Cookville Tap to Cookville 68-kV T-Line to 138-kV standards but will continue to be operated at 68 kV	1/2/2019	5/31/2019			\$ 2,885,312.00			2	68		1.80	1272 KCM 54/18 ACSR "PHEASANT"	Steel Mono Pole	Various	1.80			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42677383	Jenkins REC T-Line Star Tap 68-kV Line Rebuild	Lena Star/Morris	Rebuild and Reconnector Jenkins REC T to Lone Star Tap 68-kV transmission line to 138-kV standards but will continue to be operated at 68 kV.	1/15/2019	8/1/2019			\$ 2,843,000.00			0	68		6.96	1272 KCM 54/18 ACSR "PHEASANT"	Steel Mono Pole	Various	6.96			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42783890	Priddy-Texas Rusk County 345 kV Line Relocate	Harrison	Relocate a 1.50 mile section of the existing SWECO Priddy-Texas Rusk County 345-kV transmission line to facilitate advancement of mining at Sabine Mine. Relocation occurs between Priddy Substation and Labreck Substation	1/7/2019	8/14/2019			\$ 8,048,388.00			0	345		2.70	1272 KCM 54/18 ACSR "PHEASANT"	Steel, single pole	150	1.50	150	2.70	16 TAC 25.101 (c)(5)(E)	Landowner Consent Obtained
42626683	North New Boston 138-kV Substation	New Boston/Bowie	Remote End work at North New Boston 138-kV Substation to match relays at Munz City Substation. Replace existing CCVTs with carrier accessories, and line trap and tuner (on phase A) for the 138-kV Munz City line terminal. Install surge arresters on the Munz City line terminals.	1/2/2019	2/22/2019			\$ 812,872.00			2	138									16 TAC 25.83(a)(3)	Within Station Property

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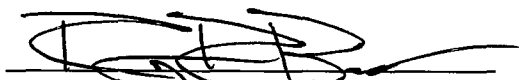
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42626678	West Atlanta 138 kV Substation	Casa	Remote End work at West Atlanta 138-kV Substation to match relays at Casa Tap Switch Station. The upgrade includes one- three phase CCVT/SA combo support structure, three CCVTs, one CCVT junction box, three surge arresters, and upgraded relaying for line protection and breaker control.	1/9/2019	3/22/2019			\$ 773,818.00			0	138									16 TAC 25.83(a)(3)	Within Station Property
42872833	Richmond Rd. to NW Texarkana SWAEC Tap 69-kV Line Rebuild	Texarkana/Bowes	Rebuild and Reconductor 1.10 miles of the NW Texarkana SWAEC Tap to Richmond Road 69-kV T-Line to 138-kV standards but will continue to be operated at 69 kV.	2-1-2021	5/31/2021			\$ 2,046,020.00			0	69		1.10	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	1.10			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42896414	Hill Lake	Panola	Hill Lake 138-kV Extension. Terminate the Logansport - Rock Hill Tenaha 138 kV transmission line with double-circuit structures into new Hill Lake Station.	4-1-2019	8/31/2019			\$ 1,660,114.00					138	0.50	1272 ACSR 54/19 (Pheasant)	Steel, Single Pole			100	0.25	16 TAC 25.101 (c)(5)(A)	Landowner Consent Obtained

AFFIDAVIT

STATE OF TEXAS

COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing SWEPCO regarding consent to perform the termination of the Logansport – Rock Hill – Tenaha 138-kV transmission line into the new Hill Lake 138-kV Station as described in Project No. 42896414 in the PUCT Monthly Construction Progress Report (PUCT Project No. 49066) for January 2019. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that SWEPCO has acquired all of the necessary easements / landowner consent 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 18th day of January, 2019.


Notary Public