



Control Number: 46718



Item Number: 329

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**SOUTHWESTERN ELECTRIC POWER COMPANY
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
41617969	Valliant to NW Texarkana 345-kV Texas Portion	Bowie	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	\$ 69,641,000.00	\$ 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	Welsh HVDC TCC 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			97	345									16 TAC 25 83(a)(3)	SWEPCO portion of total project costs. Land for expansion has been purchased.
42435017	Hallsville - Marshall 69-kV Line Rebuild	Hamson	Rebuild and Reconductor 11.24 Miles of 69-kV T-Line to 138-kV Standards. Continue to Operate at 69 kV	10/17/2016	6/2/2017	6/2/2017		\$ 14,670,000.00			99	69	69	11.24	954 ACSR 54/7 (Cardinal)	Steel, Single Pole	50	11.24			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42505752	Marshall Station Remote End Work	Hamson	Equipment and Relay Protection Upgrades	1/31/2017	6/2/2017	6/2/2017		\$ 857,600.00			99	69									16 TAC 25 83(a)(3)	
42529111	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	4/28/2017		\$ 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.
42514131	Letoumeau Capacitor 69-kV Capacitor	Gregg	Add a 16.2 MVAR, 69-kV capacitor bank at Letoumeau with a 69-kV capacitor	4/3/2017	7/2/2017	6/26/2017		\$ 1,438,741.00			95	69									16 TAC 25 83(a)(3)	Within Station Property.
42593741	Tenaska - Replace LCB11 Relays	Rusk	Replace LCB11 relays on the circuit Tenaska Gateway - Tenaska Switch 12600-1650	5/1/2017	5/25/2017			\$ 274,730.00				345									16 TAC 25 83(a)(3)	Within Station Property.
42644305	Diana Station Rehab	Hamson	Replace 138-kV CB's 10700 and 11660 and 345-kV CB 11900. Replace 10700 and 11660 relays.	8/21/2017	4/15/2018			\$ 1,590,300.00			10	345									16 TAC 25 83(a)(3)	Within Station Property.
42241009	Longview Heights-Hallsville 69-kV Line Rebuild	Gregg/Hamson	Rebuild and Reconductor Longview Heights to Hallsville 69-kV T-Line to 138-kV Standards but will continue to be operated at 69 kV	8/1/2017	2/23/2018			\$ 6,791,297.00			30	69	69	6.60	954 ACSR 54/7 (Cardinal)	Steel, Single Pole	50	6.60			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42505692	Longview Heights Station Remote End Work	Gregg/Hamson	Upgrade switches & conductor to at least 2000A, add new router, reset relay CT and settings	9/7/2017	2/23/2018			\$ 598,010.00			25	69									16 TAC 25 83(a)(3)	
42625879	DeKalb to Buford Survey 69-kV Line Rebuild	Bowie/Moms	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			\$ 28,930,744.00			6	69	69	19.40	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	19.40			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42625878	Naples to Buford Survey 69-kV Line Rebuild	Moms	Rebuild and Reconductor Naples to Buford Survey 69-kV T-Line to 138-kV Standards but will continue to be operated at 69 kV	1/1/2018	4/28/2018			\$ 7,643,591.00				69	69	6.60	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	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	1/8/2018	3/23/2018			\$ 1,301,441.00					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 to switch	4/15/2018	10/1/2018			\$ 1,487,960.00					138								16 TAC 25 83(a)(3)	Property Purchased.

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42672427	Hedley-Memphis 69-kV Line Rebuild	Donley / Hall	Rebuild and Reconductor 12.56 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	8/5/2017	5/14/2018			\$ 13,387,787.00				69	69	12.56	T2 477 KCM ACSR	Steel, Single Pole	Various	12.56			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			\$ 10,236,675.00			20	138									16 TAC 25 101 (c)(5)(B)	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
42623013	Dangerfield-Jenkins T Rebuild	Morris	Rebuild and Reconductor 1.3 Miles of 69-kV T-Line from Dangerfield to Jenkins REC "T" to 138-kV Standards Continue to Operate at 69 kV	9/18/2017	11/17/2017			\$ 2,321,307.00				69	69	1.30	1272 ACSR	Steel, Single Pole	Various	1.30			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42622815	Jenkins T - Hughes Springs Rebuild	Hughes Springs/Case, Morris	Rebuild and Reconductor 4.79 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			\$ 8,786,000.00				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 69kV	12/4/2017	6/1/2018			\$ 9,003,800.00				69	69	6.38	1272 ACSR 54/19 (Phasant)	Steel, Single Pole	Various	6.38	100	0.06	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Utilizing existing easements Consent acquired where necessary Landowners noticed
42579898	Evenside Station Remote End Work	Henderson/Rusk	Evenside 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			\$ 2,215,100.00			15	69									16 TAC 25 101 (c)(5)(B)	Within Station Property
42579900	NW Henderson Station Remote End Work	Henderson/Rusk	NW Henderson Station - Upgrade 69-kV Evenside terminal for new relaying	1/8/2018	6/1/2018			\$ 569,200.00				69									16 TAC 25 101 (c)(5)(B)	Within Station Property
42751512	Public Relocation Hawkins-Meneola	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			\$ 823,653.00				69				Steel, Single Pole					16 TAC 25 101 (c)(5)(D)	Landowners Noticed
42621757	Memphis-Estelline 69-kV Line Rebuild	Memphis/Hall, Estelline/Hall	Rebuild, Reconductor and Partially Relocate 16.15 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	12/7/2017	2/1/2019			\$ 14,745,480.00				69		16.15	T2 477 KCM ACSR	Steel, Single Pole	Various	16.15	100	0.16	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowners Noticed Consent, New Easement & Supplements were acquired as necessary
42672428	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				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
42672429	Childress Amoco Tap 69-kV Rebuild	Childress	Rebuild and Reconductor 1.56 Miles of 69-kV to 138-kV Standards Continue to operate at 69 kV	12/7/2017	11/7/2019			\$ 2,019,300.00				69		1.56	T2 477 KCM ACSR	Steel, Single Pole	Various	1.56			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42677293	Welsh 345 kV Replace line Relays	Titus	Replace line relays and install 3 phase CCVT's	3/1/2018	4/6/2018			\$650,000.00				345									16 TAC 25 101 (c)(5)(B)	Within Station Property

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42677302	Wilkes 345 kV Replace line Relays	Marion	Replace line relays and install 3 phase CCVT's	3/1/2018	4/6/2018			\$650,000.00				345									16 TAC 25 83(a)(3)	Within Station Property
42631655a	Bann to Redick 69-kV Line Rebuild	Bowie	Rebuild and Reconductor the Bann to Redick 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	1/15/2018	5/31/2018			\$ 1,222,056.00				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
42633475	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 Redick 69-kV transmission line)	1/15/2018	5/31/2018			\$ 1,387,436.00				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
42644732	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	4/27/2018			\$ 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
42622941a	Piggras Pride-Winfield Rehab (Piggras Pride-Adora Tap)	Titus	Rebuild and Reconductor 1.81 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	1/15/2018	3/16/2018			\$ 1,416,964.00				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