



Control Number: 46718



Item Number: 212

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**SOUTHWESTERN ELECTRIC POWER COMPANY
CONSTRUCTION PROGRESS REPORT
AUGUST 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. |
| 42590356 | Lake Hawkins | Wood | Cut-in the new ETEC 138-kV Lake Hawkins station, install new metering, an RTU and communication equipment. Install a metering panel at the Rayburn Country Ben Wheeler station | 10/1/2015 | 12/31/2015 | 12/8/2015 | | \$ 984,491.00 | | | 99 | 138 | | | | | | | | | 16 TAC 25 101 (c)(5)(A) | Needed easements were acquired in 2010 |
| 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 | 4/1/2016 | 9/30/2017 | 6/28/2017 | | \$ 20,920,753.00 | | | 90 | 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 | | \$ 14,870,000.00 | | | 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 | | \$ 857,900.00 | | | 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 | | | \$ 2,698,544.00 | | | | 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 | Letourneau Capacitor 69-kV Capacitor | Gregg | Add a 16.2 MVAR, 69-kV capacitor bank at Letourneau with a 69-kV capsitcher | 4/3/2017 | 7/2/2017 | | | \$ 1,438,741.00 | | | 2 | 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 12860-1650 | 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 | | | | 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 operate at 69 kV | 8/1/2017 | 2/23/2018 | | | \$ 8,791,297.00 | | | | 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 | 8/16/2017 | 2/23/2018 | | | \$ 598,010.00 | | | | 69 | | | | | | | | | 16 TAC 25 83(a)(3) | |
| 42625879 | DeKalb to Buford Survey 69-kV Line Rebuild | Bowie/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 | 10/2/2017 | 4/28/2018 | | | \$ 28,930,744.00 | | | | 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 | 12/1/2017 | 4/28/2018 | | | \$ 7,643,591.00 | | | | 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 | 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 |

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AUGUST 2017**

**Public Utility Commission of Texas
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| 42678512 | 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 | | | \$ 1,487,980.00 | | | | | 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 | 8/5/2017 | 5/14/2018 | | | \$ 13,387,787.00 | | | | 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 | | | \$ 10,236,675.00 | | | | 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 |
| 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/Cass, 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 | | | \$ 8,788,030.00 | | | | 69 | 69 | 4.76 | 1272 ACSR | Steel, Single Pole | Various | 4.76 | | | | 16 TAC 25.101 (c)(5)(B) | Utilizing existing easements Landowners noticed |
| 42581150 | Evansdale - NW Henderson 69-kV Rebuild | Henderson/Rusk | Rebuild, Reconductor, and Partially Relocate 6.38 Miles of 69-kV T-Line from Evansdale - NW Henderson to 138-kV Standards Continue to Operate at 69-kV | 11/8/2017 | 6/1/2018 | | | \$ 9,003,800.00 | | | | 69 | 69 | 6.38 | 1272 ACSR 54/19 (Phasant) | Steel, Single Pole | Various | 6.38 | 100 | 0.08 | | 16 TAC 25.101 (c)(5)(B) & 16 TAC 25.101 (c)(5)(F) | Utilizing existing easements Consent acquired where necessary Landowners noticed |
| 42593836 | Evansdale Station Remote End Work | Henderson/Rusk | Evansdale Station Expand station to accommodate DICM replace CB 1750 and disconnect switches, add surge arresters and replace existing bus PT's with SCVT's, replace RTU | 11/8/2017 | 8/1/2018 | | | \$ 2,215,100.00 | | | | 69 | | | | | | | | | | 16 TAC 25.63(a)(3) | Within Station Property |
| 42579900 | NW Henderson Station Remote End Work | Henderson/Rusk | NW Henderson Station Upgrade 69-kV Evansdale terminal for new relaying | 1/8/2018 | 6/1/2018 | | | \$ 500,200.00 | | | | 69 | | | | | | | | | | 16 TAC 25.63(a)(3) | Within Station Property |

AFFIDAVIT

STATE OF TEXAS

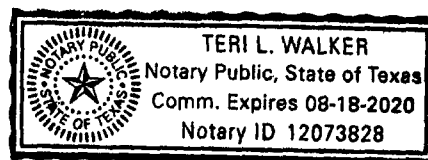
COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Southwestern Electric Power Company regarding notice to perform the rebuild, reconductor, and partial relocate of the Evenside to NW Henderson 69kV transmission line as described in Project No. 42581190 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for August 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Rusk 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 rebuild and reconductor 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 21st day of August, 2017.


Notary Public

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 Southwestern Electric Power Company regarding notice to perform the rebuild and reconductor of the Jenkins REC "T" to Hughes Springs 69kV transmission line as described in Project No. 42622815 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for August 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Morris and Cass 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 rebuild and reconductor 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 21st day of August, 2017.


Notary Public