



## Filing Receipt

**Received - 2021-11-19 10:42:47 AM**  
**Control Number - 51705**  
**ItemNumber - 318**

ELECTRIC TRANSMISSION TEXAS  
CONSTRUCTION PROGRESS REPORT

Public Utility Commission of Texas  
Project No. 51705

NOVEMBER 2021

| 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                                      |
|------------------------------------------------|---------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|--------------------------------|-------------------------------------|-----------------------------------|--------------------------------|------------|------------------|-----------------------|------------------------------|------------------------|--------------------------------------|------------------------|---------------------------|-----------------------------|----------------------|------------------------|------------------------------------|-----------------------------------------------|
| ETT-142<br>P15153001                           | Falfurrias 69-kV SVC                                                            | Brooks                   | Replace DSTATCOM with Static VAR Compensator (SVC) and install bus tie to SVC                                                                                                    | 11/29/2016                       | 5/31/2019                           | 12/19/2019                     |                                     | \$ 19,066,707.00                  |                                |            | 99               | 69                    |                              |                        |                                      |                        |                           |                             |                      |                        | 16 TAC 25.83(a)(3)                 | Corrected Voltage                             |
| ETT-140<br>ETT800211                           | Oklaunion Substation                                                            | Wilbarger                | Replace 138-kV and 345-kV breakers and switches                                                                                                                                  | 10/6/2017                        | 12/31/2017                          | 12/14/2018                     |                                     | \$ 10,440,000.00                  |                                |            | 99               | 345 / 138             |                              |                        |                                      |                        |                           |                             |                      |                        | 16 TAC 25.83(a)(3)                 | Within Station Property                       |
| ETT-139<br>ET1600803                           | Maplewood Interconnection: Add 2nd Circuit to serve Red Barn IPP- Owned Station | Pecos                    | Add new 345-kV transmission line circuit from the LCRA TSC Bakersfield Station to the point of interconnection at Red Barn                                                       | 4/9/2018                         | 4/24/2020                           | 1/26/2021                      | \$ 2,401,000.00                     | \$ 2,270,000.00                   |                                |            | 99               |                       | 345                          | 1.94                   | 2-bundled Cardinal 954 KCM 54/7 ACSR |                        | 150                       | 1.94                        |                      |                        | 47603                              | PUCT Docket 47603 Approved on 12/27/2017      |
| ETT-130<br>ETT2015126                          | Rio Bravo 1 Wind Generator Temp Connection                                      | Starr                    | Construct new 345-KV POI temporary tap on the Cenizo-Del Sol 345-kV transmission line for Long Road Energy (Rio Bravo 1)                                                         | 4/18/2018                        | 9/30/2018                           | 10/8/2018                      |                                     | \$ 1,400,000.00                   |                                |            | 99               | 345                   |                              |                        |                                      |                        |                           |                             |                      |                        | 16 TAC 25.83(a)(3)                 | Utilizing Existing Easement                   |
| ETT-150<br>ETT000910                           | Laguna Substation                                                               | Nueces                   | Replace insulators and switches for 138 kV conversion and operation                                                                                                              | 3/4/2019                         | 5/29/2020                           |                                |                                     | \$ 1,051,790.00                   |                                |            | 99               | 69                    | 138                          |                        |                                      |                        |                           |                             |                      |                        | 16 TAC 25.83(a)(3)                 | Within Station Property                       |
| ETT-120<br>P09082009                           | Heartland- Yellowjacket ETT                                                     | Menard/Menard, McCulloch | Heartland to Yellowjacket: Build 18.75 miles of new transmission line to 138-kV standards and operate at 69 kV                                                                   | 3/7/2019                         | 10/21/2019                          | 6/3/2020                       | \$ 19,824,000.00                    | \$ 19,824,000.00                  |                                |            | 99               |                       | 138                          | 18.50                  | 959.6 ACSR/TW                        | Single Pole Brace Post |                           |                             | 100                  | 18.50                  | 46234                              | CCN approved on 8/31/2017 ETT Portion Only    |
| ETT-146<br>P15177001<br>P15177002<br>P15177003 | Stewart Rd. 345-kV Hairpin                                                      | Hidalgo/Hildago          | Construct a double-circuit 345-kV transmission line from the Stewart Rd. Station to the North Edinburg-SU Palmito 345-kV transmission line. Costs include CCN & ROW.             | 7/6/2020                         | 5/19/2021                           | 5/19/2021                      | \$ 16,834,000.00                    |                                   |                                |            | 97               |                       | 345                          | 5.00                   | 2-954 ACSR                           | Steel Mono Pole        |                           |                             | 150                  | 5.00                   | 47603                              | PUCT Docket 47973 Approved on 02/14/2019      |
| ETT-130<br>P17216001                           | Rio Bravo I Windfarm Permanent Interconnect                                     | Starr,Zapata             | Add second circuit to 26.6 miles of the Cenizo - Del Sol 345-kV double-circuit capable transmission line to permanently interconnect Rio Bravo Windfarm I                        | 7/15/2019                        | 2/17/2020                           | 12/19/2019                     |                                     | \$ 19,400,000.00                  |                                |            | 99               | 345                   |                              | 26.60                  | 2-954 ACSR/AW 54/7 "Cardinal"        | Steel Mono Pole        | 150                       | 26.60                       |                      |                        | 16 TAC 25.83(a)(3)                 | Second 345-kV circuit previously certificated |
| ETT-120<br>P09082011                           | Heartland- Yellowjacket 69-kV: Terminate line into Yellowjacket ETT             | Menard/Menard            | Add third rung and breakers to exising station to terminate new Hearland- Yellowjacket 69-kV transmission line. Replace RTU.                                                     | 10/4/2019                        | 12/20/2019                          | 6/3/2020                       |                                     | \$ 1,303,055.00                   |                                |            | 99               | 69                    |                              |                        |                                      |                        |                           |                             |                      |                        | 16 TAC 25.83(a)(3)                 | Within Station Property                       |
| ETT-158<br>P18078001                           | Vera Wind Interconnection                                                       | Wilbarger                | Construct 3.80 miles of new single-circuit transmission line, except of an approximate 0.7 mile section, from the new ETT Coulomb Substation to the Vera Wind Collector Station. | 9/23/2019                        | 4/10/2020                           | 4/27/2020                      | \$ 10,700,000.00                    | \$ 7,800,000.00                   |                                |            | 99               |                       | 345                          | 3.80                   | 2-954 ACSR                           | Steel Mono Pole        |                           |                             | 150                  | 3.80                   | 48945                              | CCN Approved on 03/27/2019                    |
| ETT-158<br>P18078011                           | Vera Wind Interconnection                                                       | Wilbarger                | Coulomb 345-kV Substation Cut-In: Terminate the Clear Crossing to Edith Clarke 345-kV transmission line into new Coulomb 345-kV Substation.                                      | 12/6/2019                        | 4/10/2020                           | 4/27/2020                      |                                     | \$ 1,500,000.00                   |                                |            | 99               |                       | 345                          | 0.10                   | 2-1590 ACSS                          | Steel Mono Pole        |                           |                             | 150                  | 0.10                   | 16 TAC 25.101 (c)(5)(A)            | Landowner Consent Obtained                    |
| ETT-158<br>P18078017                           | Vera Wind Interconnection                                                       | Wilbarger                | Coulomb 345-kV Substation: Construct a new three-breaker 345-kV substation to permanently interconnect Vera Wind's 220.4 MW Windfarm.                                            | 9/23/2019                        | 4/24/2020                           | 4/27/2020                      | \$ 14,000,000.00                    | \$ 14,000,000.00                  |                                |            | 99               |                       | 345                          |                        |                                      |                        |                           |                             |                      |                        | 48945                              | CCN Approved on 03/27/2019                    |
| ETT-161<br>P19010001                           | Reloj Del Sol Permanent Interconnection: Add New Circuit                        | Webb                     | Add second circuit to 15 miles of the Cenizo - Del Sol 345-kV double-circuit capable transmission line to permanently interconnect Reloj Del Sol's 209 MW Windfarm               | 2/3/2020                         | 12/17/2020                          | 12/22/2020                     |                                     | \$ 20,000,000.00                  |                                |            | 99               | 345                   |                              | 15.00                  | 2-954 ACSR                           |                        | 150                       | 15.00                       |                      |                        | 16 TAC 25.83(a)(3)                 | Second 345-kV circuit previously certificated |

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Project No. 51705

|                      |                                                                                   |             |                                                                                                                                                                                                                                                          |            |            |            |                 |                 |  |  |    |     |     |      |                         |                                 |  |  |     |      |                               |                                                     |
|----------------------|-----------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|-----------------|-----------------|--|--|----|-----|-----|------|-------------------------|---------------------------------|--|--|-----|------|-------------------------------|-----------------------------------------------------|
| ETT-161<br>P19010005 | Reloj Del Sol<br>Permanent<br>Interconnection:<br>Cenizo Station Work             | Webb        | Cenizo 345-kV Substation: Install new<br>63kA Terminal, install SSO Relay, install<br>P&C Equipment, & install Metering<br>Equipment                                                                                                                     | 5/1/2020   | 9/20/2020  | 9/20/2020  |                 | \$ 4,000,000.00 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-153<br>P17254001 | Quihi 138-kV<br>Switching Station                                                 | Medina      | Construct a three (3) switch In and Out<br>138k-V Switching Station. Install<br>SCADA, RTU, Telecom, and Relaying<br>Panels. ETT will construct, own, and<br>operate the high side, and STEC will<br>construct, own, and operate the low<br>side (25 kV) | 2/17/2020  | 6/30/2020  | 10/13/2020 |                 | \$ 1,505,771.00 |  |  | 99 |     | 138 |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | STEC Providing Station Property for<br>Construction |
| ETT-168<br>A19600003 | Del Sol 345-kV<br>Station:<br>Replace RLS Circuit<br>Switcher                     | Starr       | Replace CS 4568 with 345 kV, 5000 A,<br>63 kA breaker with Pre-Insertion<br>Resistors. Remove CB 1750 & Update<br>Drawing.                                                                                                                               | 4/7/2020   | 5/15/2020  | 6/29/2020  |                 | \$ 1,261,206.00 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-168<br>A19600006 | Riley 345-kV Station:<br>Replace RLS Circuit<br>Switcher                          | Wilbarger   | Replace CS's 9358, 11993, 7468, 7518,<br>14003, and 9048 with 345 kV, 5000 A,<br>63 kA breakers with Pre-Insertion<br>Resistors. Remove CBs 13995 and<br>12375 & Update Drawing.                                                                         | 6/15/2020  | 4/30/2021  | 4/22/2021  |                 | \$ 5,505,497.00 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-168<br>A19600007 | Tesla 345-kV Station:<br>Replace RLS Circuit<br>Switcher                          | Childress   | Replace CS's 7238, 10812, 7247, 9007,<br>and 8657 with 345 kV, 5000 A, 63 kA<br>breakers with Pre-Insertion Resistors.<br>Remove CB 12750 & Update Drawing.                                                                                              | 6/1/2020   | 4/8/2022   |            |                 | \$ 3,368,841.00 |  |  | 25 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-169<br>A19601002 | Riley 345-kV Station:<br>Replace SSVTs                                            | Wilbarger   | Replace Alstom 345 kV SSVTs with (4)<br>50 kVA ABB SSVTs and (2) 100 kVA<br>ABB SSVTs                                                                                                                                                                    | 9/18/2020  | 10/5/2020  | 6/26/2020  |                 | \$ 2,414,815.25 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-139<br>ET1600801 | Maplewood<br>Interconnection:<br>LCRA Bakersfield<br>345-kV Station               | Pecos       | Add one breaker, two switches rated<br>345-kV, 5000A, 63kA. Install SSO relay<br>on line to IPP. Frequency should be set<br>for 1Hz to 10 Hz range. Intall PMU<br>equipment on line to IPP.                                                              | 9/29/2020  | 10/30/2020 | 1/26/2021  | \$ 2,206,000.00 | \$ 1,349,176.00 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 47603                         | PUCT Docket 47603<br>Approved on 12/27/2017         |
| ETT-139<br>ET1600802 | Maplewood<br>Interconnection:<br>Red Barn<br>345-kV Station<br>IPP-Owned Station  | Pecos       | Add new 345-kV transmission line circuit<br>from the LCRA TSC Bakersfield Station<br>to the point of interconnection at Red<br>Barn                                                                                                                      | 9/29/2020  | 10/30/2020 | 1/26/2021  | \$ 748,000.00   | \$ 747,997.00   |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 47603                         | PUCT Docket 47603<br>Approved on 12/27/2017         |
| ETT-164<br>DP19X06C0 | Dustdevil 138-kV<br>Substation:<br>T-Line Assets<br>(ETT)                         | Laredo/Webb | Install two (2) in-line T-Line structures<br>terminate the Laredo VFT #1 to Lobo<br>transmission line into new Dustdevil 138<br>kV Substation.                                                                                                           | 8/15/2020  | 3/31/2021  |            |                 | \$ 908,963.00   |  |  | 30 |     | 138 | 0.01 | 795 KCM<br>ACSS "Drake" | Steel Mono<br>Pole              |  |  |     |      | 16 TAC<br>25.101<br>(c)(5)(A) | Within Station Property                             |
| ETT-164<br>DP19X06D1 | Dustdevil 138-kV<br>Substation:<br>T-Station Assets<br>(ETT)                      | Laredo/Webb | Install two (2) motor operated switches<br>and a manual bus tie switch. Install DM<br>61.01 Transmission RTU Panel. Station<br>transmission 138-kV bus will now be an<br>in & out configuration.                                                         | 8/15/2020  | 3/31/2021  |            |                 | \$ 1,010,995.00 |  |  | 30 |     | 138 |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Property Purchased                                  |
| ETT-161<br>P19010002 | Reloj Del Sol<br>Permanent<br>Interconnection:<br>New 345-kV<br>Transmission Line | Webb        | Construct six (6) miles of new single<br>circuit 345-kV Transmission line to<br>connect the Reloj Del Sol Windfarm                                                                                                                                       | 7/20/2020  | 12/17/2020 | 12/22/2020 | \$ 7,100,000.00 | \$ 7,500,000.00 |  |  | 99 |     | 345 | 6.00 | 2-754<br>ACSR           | Concrete &<br>Steel<br>Monopole |  |  | 150 | 6.00 | 50690                         | PUCT Docket 50690<br>Approved on 06/30/2020         |
| ETT-153<br>P17254002 | Quihi 138-kV<br>Switching Staion:<br>Cut-In                                       | Medina      | Terminate the Castroville to Razorback<br>138-kV transmission line into the new<br>Quihi 138-kV Switching Station with<br>double-circuit structures.                                                                                                     | 10/19/2020 | 11/16/2020 | 10/13/2020 |                 | \$ 773,419.00   |  |  | 99 |     | 138 | 0.08 | 795 KCM<br>ACSS "Drake" | Steel Mono<br>Pole              |  |  | 100 | 0.08 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained                          |
| ETT-169<br>A19601004 | Jim Treece 345-kV<br>Station:<br>Replace SSVTs                                    | Wilbarger   | Replace 345-kV SSVTs with (4) 50 kVA<br>SSVTs                                                                                                                                                                                                            | 11/2/2020  | 11/22/2020 | 11/19/2020 |                 | \$ 1,603,035.00 |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |
| ETT-169<br>A19601006 | Bakersfield 345-kV<br>Station:<br>Replace SSVTs                                   | Pecos       | Replace 345-kV SSVTs with (2) 50 kVA<br>SSVTs                                                                                                                                                                                                            | 11/2/2020  | 3/5/2021   | 1/29/2021  |                 | \$ 929,962.00   |  |  | 99 | 345 |     |      |                         |                                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                             |

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|----------------------|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|--|------------------|--|---------------|----|-----|-----|------|---------------|--------------------|--|--|-----|------|-------------------------------|----------------------------|
| ETT-169<br>A19601007 | Big Hill 345-kV<br>Station:<br>Replace SSVTs                                        | Schleicher | Replace 345-kV SSVTs with (2) 50 kVA<br>SSVTs                                                                                                           | 11/2/2020  | 3/27/2021  | 12/3/2020  |  | \$ 912,720.00    |  | NOVEMBER 2021 | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-169<br>A19601008 | Kirchoff 345-kV<br>Station:<br>Replace SSVTs                                        | Fisher     | Replace 345-kV SSVTs with (2) 50 kVA<br>SSVTs                                                                                                           | 11/2/2020  | 11/7/2020  | 10/22/2020 |  | \$ 920,921.00    |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-169<br>A19601009 | Edison 345-kV<br>Station:<br>Replace SSVTs                                          | Kimble     | Replace 345-kV SSVTs with (2) 50 kVA<br>SSVTs                                                                                                           | 11/2/2020  | 1/29/2021  | 2/17/2021  |  | \$ 912,755.00    |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-169<br>A19601011 | Oersted 345-kV<br>Station:<br>Replace SSVTs                                         | Sutton     | Replace 345-kV SSVTs with (4) 50 kVA<br>SSVTs                                                                                                           | 11/2/2020  | 1/7/2021   | 2/1/2021   |  | \$ 1,617,872.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-168<br>A19600004 | Edith Clarke 345-kV<br>Station:<br>Replace RLS Circuit<br>Switcher                  | Foard      | Replace CS's 385, 7083, 2737, 2567,<br>and 7117 with 345-kV, 5000 A, 63 kA<br>breakers with Pre-Insertion Resistors.<br>Remove CB 165 & Update Drawing. | 11/2/2020  | 4/30/2021  | 4/30/2021  |  | \$ 4,253,938.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-168<br>A19600005 | Oklaunion 345-kV<br>Station:<br>Replace RLS Circuit<br>Switcher                     | Wilbarger  | Replace CS 9292 with 345-kV, 5000 A,<br>63 kA breaker with Pre-Insertion<br>Resistors. Remove CB 5640 & Update<br>Drawing.                              | 9/7/2021   | 10/29/2021 |            |  | \$ 1,162,820.00  |  |               | 75 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-163<br>P19045008 | Griffin Wind<br>Interconnection:<br>Line Extension                                  | Knox       | Construct 0.30 mile of new single-circuit<br>transmission line, from the new<br>Avogadro 345-kV substation to Griffin<br>Windfarm Collector Station     | 12/11/2020 | 5/3/2021   |            |  | \$ 2,500,000.00  |  |               | 95 |     | 345 | 0.30 | 2-954<br>ACSR | Steel Mono<br>Pole |  |  | 150 | 0.30 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained |
| ETT-163<br>P19045006 | Griffin Wind<br>Interconnection:<br>Cut-In                                          | Knox       | Avogadro 345-kV Substation Cut-In:<br>Terminate the Clear Crossing to Edith<br>Clarke 345-kV transmission line into<br>new Avogadro 345-kV Substation.  | 12/11/2020 | 5/3/2021   | 5/7/2021   |  | \$ 2,000,000.00  |  |               | 99 |     | 345 | 0.01 | 2-954<br>ACSR | Steel Mono<br>Pole |  |  | 150 | 0.01 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained |
| ETT-163<br>P19045005 | Griffin Wind<br>Interconnection:<br>Avogadro<br>345-kV Substation                   | Knox       | Avogadro 345-kV Substation:<br>Construct a new three-breaker<br>345-kV substation to permanently<br>interconnect Griffin Wind Farm                      | 11/2/2020  | 5/3/2021   | 5/7/2021   |  | \$ 15,500,000.00 |  |               | 99 |     | 345 |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Property Purchased         |
| ETT-173<br>A20120004 | Clear Crossing<br>345-kV Station<br>Static Mast Pole<br>Replacement                 | Haskell    | Replace static mast structures at Clear<br>Crossing 345-kV Station                                                                                      | 11/3/2020  | 1/15/2021  | 5/27/2021  |  | \$ 1,202,366.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-173<br>A20120003 | Tesla<br>345-kV Station<br>Static Mast Pole<br>Replacement                          | Childress  | Replace static mast structures at Tesla<br>345-kV Station                                                                                               | 12/10/2020 | 2/26/2021  | 5/20/2021  |  | \$ 1,293,755.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-173<br>A20120002 | Riley<br>345-kV Station<br>Static Mast Pole<br>Replacement                          | Wilbarger  | Replace static mast structures at Riley<br>345-kV Station                                                                                               | 12/17/2020 | 3/22/2021  | 5/24/2021  |  | \$ 1,031,453.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-173<br>A20120001 | Edith Clarke<br>345-kV Station<br>Static Mast Pole<br>Replacement                   | Foard      | Replace static mast structures at Edith<br>Clarke 345-kV Station                                                                                        | 11/3/2020  | 2/5/2021   | 5/12/2021  |  | \$ 1,007,216.00  |  |               | 99 | 345 |     |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |
| ETT-170<br>P19279001 | Corazon Solar<br>Interconnection:<br>Lobo 345-kV<br>Substation Terminal<br>Addition | Webb       | Construct (2) 345-kV CB's, metering<br>equipment, relaying, and station fence<br>expansion                                                              | 12/4/2020  | 4/30/2021  | 5/10/2021  |  | \$ 8,500,000.00  |  |               | 99 |     | 345 |      |               |                    |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property    |

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|-----------------------------------|------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|-----------------|------------------|--|--|----|-----|-----|------|---------------------------|-----------------|--|--|-----|------|-------------------------------|---------------------------------------------|
| ETT-170<br>P19279002              | Corazon Solar Interconnection:<br>Construct 345-kV T-Line                                | Webb         | Construct 3.90 miles of 345-kV single-circuit transmission line from the existing ETT Lobo 345-kV Station to the Corazon Solar interconnect              | 11/10/2020 | 5/10/2021  | 5/10/2021 | \$ 8,029,500.00 | \$ 8,029,500.00  |  |  | 99 |     | 345 | 3.90 | 795 KCM<br>ACSS "Drake"   | Steel Mono Pole |  |  | 150 | 3.90 | 50964                         | PUCT Docket 50964<br>Approved on 10/12/2020 |
| ETT-160<br>P18158003              | TG East Wind Interconnection :<br>Coulomb 345-kV Station Terminal Addition               | Wilbarger    | Construct a 345-kV CB, metering equipment, and relaying                                                                                                  | 2/8/2021   | 4/30/2021  | 4/21/2021 |                 | \$ 3,800,000.00  |  |  | 99 | 345 | 345 |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                     |
| ETT-160<br>P18158001              | TG East Wind Interconnection POI                                                         | Wilbarger    | Construct 345-kV Dead End POI                                                                                                                            | 2/8/2021   | 4/30/2021  |           |                 | \$ 850,000.00    |  |  | 99 |     | 345 | 0.02 | 2 Bundled 954<br>ACSR     | Steel Monopole  |  |  |     |      | 16 TAC<br>25.101<br>(c)(5)(A) | Within ETT Property                         |
| ETT-171<br>P20064003              | Azure Sky Solar and Storage Connection:<br>Edith Clarke 345-kV Station Terminal Addition | Throckmorton | Construct a 345-kV CB, metering equipment, and relaying                                                                                                  | 1/19/2021  | 4/30/2021  | 4/23/2021 |                 | \$ 4,500,000.00  |  |  | 99 | 345 | 345 |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                     |
| ETT-171<br>P20064002              | Azure Sky Solar and Storage Connection:<br>Line Span POI                                 | Throckmorton | Construct a 0.10 mile 345-kV line to Interconnect Azure Sky Solar and Storage                                                                            | 1/19/2021  | 4/30/2021  |           |                 | \$ 1,200,000.00  |  |  | 95 |     | 345 | 0.10 | 2 Bundled 954<br>ACSR     | Steel Monopole  |  |  |     |      | 16 TAC<br>25.101<br>(c)(5)(A) | Within ETT Property                         |
| ETT-168<br>A19600002              | Clear Crossing 345-kV Station:<br>Replace RLS Circuit Switcher                           | Haskell      | Replace CS's 717, 667, 1357, 497, 2297, 12558, and 747 with 345 kV, 5000 A, 63 kA breakers with Pre-Insertion Resistors. Remove CB 647 & Update Drawing. | 7/22/2021  | 10/28/2022 |           |                 | \$ 5,243,020.00  |  |  | 40 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                     |
| ETT-152d<br>A18048004             | Clear Crossing 345-kV Station:<br>Physical Security                                      | Haskell      | Installation of sixteen foot tall fence and new chain link fence around the Clear Crossing 345-kV Station.                                               | 5/4/2021   | 10/19/2021 |           |                 | \$ 16,145,456.33 |  |  | 90 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                     |
| ETT-175<br>A20800015              | Cenizo 345-kV Station                                                                    | Webb         | Installing Physical Security to DICM, Telecom Network Splitting, RTAC (Station Data Repository) updates, and Firmware Upgrades.                          | 7/7/2021   | 8/27/2021  | 8/25/2021 |                 | \$ 361,273.00    |  |  | 99 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within station property                     |
| ETT-175<br>A20800016              | Del Sol 345-kV Station                                                                   | Starr        | Installing Physical Security to DICM, Telecom Network Splitting, RTAC (Station Data Repository) updates, and Firmware Upgrades.                          | 8/2/2021   | 8/19/2021  | 8/18/2021 |                 | \$ 358,444.00    |  |  | 99 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within station property                     |
| ETT-175<br>A20800017              | Gauss 345-kV Station                                                                     | Knox         | Installing Physical Security to DICM, Telecom Network Splitting, RTAC (Station Data Repository) updates, and Firmware Upgrades.                          | 5/17/2021  | 6/29/2021  | 8/13/2021 |                 | \$ 385,009.00    |  |  | 99 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within station property                     |
| ETT-175<br>A20800021              | Edison 345-kV Station                                                                    | Kimble       | Installing Physical Security to DICM, Telecom Network Splitting, RTAC (Station Data Repository) updates, and Firmware Upgrades.                          | 6/1/2021   | 7/7/2021   | 8/17/2021 |                 | \$ 393,459.00    |  |  | 99 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within station property                     |
| ETT-172<br>P19301007              | Scout 69-kV POD Box Bay                                                                  | Taylor       | Construct POD with three (3) motor operated switches. All equipment will be designed for 2000A. Install B2500 Cabinet.                                   | 6/5/2021   | 10/3/2021  |           |                 | \$ 1,026,417.00  |  |  | 0  |     | 69  |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Landowner Consent Obtained                  |
| ETT-172<br>P19301002<br>P19301006 | Abilene South - Steamboat 69-kV T-Line                                                   | Taylor       | Terminate the Abilene South to Steamboat 69-kV transmission line into new Scout 69-kV POD Box Bay.                                                       | 6/5/2021   | 10/3/2021  |           |                 | \$ 663,660.00    |  |  | 0  | 69  |     | 0.01 | 4/0 ACSR 6/1<br>"Penguin" | Steel Mono Pole |  |  | 100 | 0.01 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained                  |
| ETT-172<br>P19301008              | Scout - Jim Ned 69-kV POI Dead-End                                                       | Taylor       | Construct 0.01 mile Dead-End span of 69-kV T-Line to Jim Ned POI.                                                                                        | 6/5/2021   | 10/3/2021  |           |                 | \$ 61,776.00     |  |  | 0  | 69  |     | 0.01 | 4/0 ACSR 6/1<br>"Penguin" | Steel Mono Pole |  |  | 100 | 0.01 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained                  |
| ETT-152a<br>A18048001             | Edith Clarke 345-kV Station:<br>Physical Security                                        | Foard        | Installation of sixteen foot tall fence and new chain link fence around the Edith Clarke 345-kV Station.                                                 | 6/4/2021   | 12/15/2021 |           |                 | \$ 14,532,737.38 |  |  | 60 | 345 |     |      |                           |                 |  |  |     |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                     |

ELECTRIC TRANSMISSION TEXAS  
CONSTRUCTION PROGRESS REPORT

Public Utility Commission of Texas  
Project No. 51705

NOVEMBER 2021

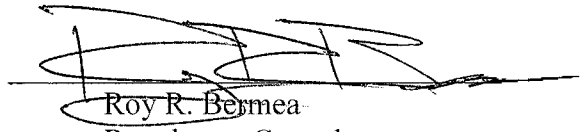
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|------------------------------------------------|--------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|--|--|------------------|--|--|----|-----|-----|-------|-----------------------------------|-----------------|---------|-------|------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETT-800<br>P19213005                           | Steamboat 69-kV Substation:<br>T-Station Assets        | Taylor                    | Install 69-kV Circuit Breaker 4200 and associated jumpers. Install 69kV Bus #2 CCVT, 69-kV Motor Operated Transformer Disconnect Switch 12783, 69kV Circuit Switcher 12782, and all associated bus work.                                                                                       | 8/23/2021  | 11/18/2021 |  |  | \$ 963,246.00    |  |  | 70 | 69  |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within station property                                                                                                                              |
| ETT-900<br>P19213001<br>P19213002<br>P19213003 | Bradshaw to Steamboat 69-kV T-Line                     | Taylor                    | Rebuild and reconductor the Bradshaw to Steamboat 69-kV transmission line to 138-kV standards. Will continue to operate at 69-kV.                                                                                                                                                              | 9/1/2021   | 11/22/2021 |  |  | \$ 1,058,272.00  |  |  | 33 | 69  |     | 0.35  | 795 KCM<br>ACSR<br>"Drake"        | Steel Mono Pole | 50      | 0.35  |      | 16 TAC<br>25.101<br>(c)(5)(B) | Utilizing Existing Easement<br>Landowners Noticed                                                                                                    |
| ETT-152b<br>A18048002                          | Riley 345-kV Station:<br>Physical Security             | Wilbarger                 | Installation of sixteen foot tall fence and new chain link fence around the Riley 345-kV Station.                                                                                                                                                                                              | 9/3/2021   | 2/28/2022  |  |  | \$ 15,045,950.64 |  |  | 0  | 345 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                                                                                                                              |
| ETT-901<br>A19057001<br>A19057002<br>A19057003 | Tuscola to Bradshaw<br>69-kV T-Line                    | Tuscola/Taylor            | Rebuild and reconductor the Tuscola to Bradshaw 69-kV transmission line to 138-kV standards. Will continue to operate at 69-kV.                                                                                                                                                                | 10/15/2021 | 3/3/2022   |  |  | \$ 7,431,221.00  |  |  | 0  | 69  |     | 9.55  | 795 KCM<br>ACSR<br>"Drake"        | Steel Mono Pole | Various | 9.55  |      | 16 TAC<br>25.101<br>(c)(5)(B) | Landowners noticed                                                                                                                                   |
| ETT-157a<br>P18126001<br>P18126009             | McKenzie - Westside<br>138-kV:<br>Rebuild              | Corpus Christi/<br>Nueces | Rebuild and reconductor the McKenzie to West Side 138-kV transmission line from the Westside Switch Station to structure 5/9.                                                                                                                                                                  | 10/4/2021  | 5/7/2022   |  |  | \$ 19,805,943.00 |  |  | 0  | 138 |     | 10.72 | 795 KCM<br>ACSS<br>"Drake"        | Steel Monopole  | Various | 10.72 |      | 16 TAC<br>25.101<br>(c)(5)(B) | Landowners Noticed                                                                                                                                   |
| ETT-157<br>P18126010                           | McKenzie - Westside<br>138-kV: Fiber<br>Replacement    | Corpus Christi/<br>Nueces | Replace the fiber on the McKenzie Rd. Substation to Westside Switch Station 138-kV transmission line.                                                                                                                                                                                          | 10/4/2021  | 5/7/2022   |  |  | \$ 1,763,171.00  |  |  | 0  | 138 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         |                                                                                                                                                      |
| ETT-152c<br>A18048003                          | Tesla 345-kV Station:<br>Physical Security             | Childress                 | Installation of sixteen foot tall fence and new chain link fence around the Tesla 345-kV Station.                                                                                                                                                                                              | 10/4/2021  | 4/30/2022  |  |  | \$ 14,505,930.55 |  |  | 0  | 345 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                                                                                                                              |
| ETT-800<br>P18045002                           | Zapata 138-kV Substation:<br>Add Reactor               | Zapata                    | Install (1) 10-MVAR 138-kV Shunt Reactor. Install (1) 138-kV breaker compatible with shunt reactor, 3000A, 40kA. Install reactor bank relay protection. Expand existing control to accommodate relay panels, or DICM needed. Add area reactive controller.                                     | 3/22/2021  | 11/19/2021 |  |  | \$ 3,500,000.00  |  |  | 0  | 138 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property<br>(Project started in 1st Quarter of 2021 but was inadvertently missed - No Landowner Notice was required for this Project) |
| ETT-152d<br>A18048006                          | Clear Crossing<br>345-kV Station:<br>Physical Security | Haskell                   | Installation of security equipment around the Clear Crossing 345-kV Station.                                                                                                                                                                                                                   | 11/4/2021  | 11/30/2021 |  |  | \$ 868,090.00    |  |  | 0  | 345 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                                                                                                                              |
| ETT-152a<br>A18048007                          | Edith Clarke 345-kV Station:<br>Physical Security      | Foard                     | Installation of security equipment around the Edith Clarke 345-kV Station.                                                                                                                                                                                                                     | 12/1/2021  | 1/31/2022  |  |  | \$ 970,326.00    |  |  | 0  | 345 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                                                                                                                              |
| ETT-176<br>P21200002<br>P21200001              | Nebula 345-kV Station                                  | Scurry                    | Construct a new three (3) breaker ring, 345-kV Station. Install three (3) 345-kV, 5000A, 63kA breakers.<br>Install DICM, RTU, SSO Relays, and EPS Meter. Install telecom equipment and terminate fiber. ONCOR – To update relay settings at Dermott. Update relaying and protection at Figaro. | 1/10/2022  | 11/18/2022 |  |  | \$ 15,903,000.00 |  |  | 0  |     | 345 |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Construction Right-of-Entry obtained                                                                                                                 |
| ETT-176<br>P21200003<br>P21200004<br>P21200005 | Dermott - Figaro<br>345-kV T-Line:<br>Cut-In           | Scurry                    | Terminate the existing Dermott to Figaro 345-kV transmission line into new Nebula 345-kV Station.                                                                                                                                                                                              | 1/10/2022  | 11/18/2022 |  |  | \$ 1,559,400.00  |  |  | 0  | 345 |     | 0.05  | 1590 ACSR<br>Bundled<br>"Lapwing" | Steel Mono Pole |         |       |      | 16 TAC<br>25.101<br>(c)(5)(A) | Within Station Property<br>Construction Right-of-Entry obtained for station property                                                                 |
| ETT-176<br>P21200006<br>P21200007<br>P21200008 | Nebula - Andromeda<br>345-kV T-Line                    | Scurry                    | Construct a 1.70 mile 345-kV transmission line from Nebula 345-kV Station to Andromeda Solar Point of Interconnect (POI).                                                                                                                                                                      | 1/10/2022  | 11/18/2022 |  |  | \$ 3,852,500.00  |  |  | 0  |     | 345 | 1.70  | 795 KCM<br>ACSS "Drake"           | Steel Mono Pole |         | 150   | 1.70 | 16 TAC<br>25.101<br>(c)(5)(A) | Landowner Consent Obtained                                                                                                                           |
| ETT-178<br>P21208001                           | Bakersfield<br>345-kV Station:<br>Hydra BESS Terminal  | Pecos                     | Construct (2) 345-kV CB, a 345-kV terminal, metering equipment, and relaying.                                                                                                                                                                                                                  | 1/24/2022  | 5/15/2022  |  |  | \$ 4,872,881.00  |  |  | 0  | 345 |     |       |                                   |                 |         |       |      | 16 TAC<br>25.83(a)(3)         | Within Station Property                                                                                                                              |

**AFFIDAVIT**

**STATE OF TEXAS**

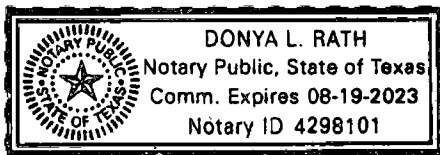
**COUNTY OF TRAVIS**

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Electric Transmission Texas, LLC (ETT) regarding consent to construct a 1.70 mile span of 345-kV transmission line from the ETT Nebula 345-kV Substation to the Andromeda Solar Point of Interconnect (POI) as described in Project No. ETT-176 P21200006 P21200007 P21200008 in the PUCT Monthly Construction Progress Report (PUCT Project No. 51705) for November 2021. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that ETT 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 19<sup>th</sup> day of November, 2021.

  
Notary Public



The following files are not convertible:

ETT 1121m.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact [centralrecords@puc.texas.gov](mailto:centralrecords@puc.texas.gov) if you have any questions.