

Control Number: 50421



Item Number: 151

Addendum StartPage: 0

Public Utility Commission of Texas Project No. 50421

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 8 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-072A 39116	Barney Davis to Naval Base Substation 138-kV Transmission Line	Nueces	Construct new 138-kV transmission line (overhead/underground) from Barney Davis to Naval Base Substations	10/6/2016	8/31/2017	9/11/2017	\$ 43,955,000 00	\$ 43,955 000 00			90		138	5 2 (ov hd) 2 5 (under grd)	959 6 ACSS/TW/A W (ov hd) 5000kcml enameled copper cable (undergrd)	Typical Single Steel Pole w/ few I type around Ine crossings (ovhd) concrete duct (under grd)	t.		(ovhd) 50	5 2 (ovhd) 2 5 (undergrd)	42467	CCN approval on 05/28/2015
ETT-142 P15153001	Falfumas 69-kV SVC	Brooks	Replace DSTATCOM with State 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-141 ETT800213	BM Davis Station Upgrades	Nueces	Replace five circuit breakers and replace differential relays	11/29/2016	6/28/2019	4/10/2019		\$ 3,166,162 00			99	138									16 TAC 25 83(a)(3)	New Property Acquired for DICM
ETT-140 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
42598598	SW Vernon Connect, Oklaunion	Wilbarger	Oklaunion Add wave trap Connection to SW Vernon	1/22/2018	1/31/2019			\$ 1,200,000 00				138									16 TAC 25 83(a)(3)	Within Station Property
42681304	Yelllow Jacket Station	Menard/Menard	Replace relays and Carrier Equipment to match Temporary Cactus Flats Tap and future Treadwell station relays	3/20/2108	5/5/2018	5/15/2018		\$ 506,892 00			99	138									16 TAC 25 83(a)(3)	Within Station Property
ETT-139 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	10/30/2019	\$ 2 401 000 00	\$ 2,270 000 00			90		345	1 94	2-bundled Cardinal 954 KCM 54/7 ACSR		150	194			47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-144 P16141001	Live Oak Interconnect	Schleicher	Install one 345-kV terminal at LCRA TSC's Big Hill 345-kV Station to provide a permenant interconnection for the Live Oak Wind Project, LLC wind farm	3/18/2018	10/5/2018	10/8/2018		\$ 5,333 559 00	\$ 4577,735 42	-14%	100	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-130 ETT2015126	Rio Bravo 1 Wind Generator Temp Connection	Starr	Construct new 345-KV POI temporary tap on the Centzo-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 ETT000910	Laguna Substation	Nueces	Replace insulators and switches for 138-kV conversion and operation	3/4/2019	5/29/2020			\$ 1 051,790 00			0	69	138								16 TAC 25 83(a)(3)	Within Station Property
ETT-149 P17211001	Ajo-Zorillo 345-kV 2nd Circuit (Stella Permanent Tap)	Kenedy	Construct a 2nd circuit with OPGW on the Ajo-Zonilo 345-kV transmission line from the Stella Tap location (constructed under TP2017102) up to the Ajo Station	10/9/2019	4/15/2020	3/3/2020		\$ 9,966,375 00			97	345		7 85	2-1590 ACSR/AW	Steel Mono	PUE	3LIC (STILL		16 TAC 25 83(a)(3)	Second circuit previously certificated Easement previously acquired
ETT-149 P17211003	Ajo Station Line Terminal for Stella Permanent Tap Gneg Gullickson	Kenedy	Construct new two breaker line terminal at Ajo Station. This will form a new Zonllo line terminal at Ajo.	10/9/2019	4/15/2020	3/3/2020		\$ 3,407,747 00	\$ 3 930,229 00	15%	100	345				FILIN	ВУ	3 P. 2	RECEIV	COMM	16 TAC 25 83(a)(3)	Within Station Property

Gneg Gullickson 400 West 15th St, Suite 1520 Austin TX 78701-1662 gkguflickson@aep.com

Page 1 of 3





Public Utility Commission of Texas Project No. 50421

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 of PUC Control Number	Comments
ETT-120 P09082009	Heartland- Yellowjacket ETT	Menard/Menard, McCulfoch	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		\$ 19,824,000 00	\$ 19,824,000 00			85		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 P1517701	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	06/01/202	4/15/2021		\$16,834,000 00				0		345	5 00	2-954 ACSR	Steel Mono Pole			150	5 00	47603	PUCT Docket 47973 Approved on 02/14/2019
ETT-130 P17216001	Rio Bravo I Windfarm Permanent Interconnect	Starr,Zapata	Add second circuit to 26 6 miles of the Centzo - Del Sol 345-kV double- circuit capable transmission line to permanently interconnent 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 "Cardina!"	Steel Mono Pole	150	26 6			16 TAC 25 83(a)(3)	Second 345-kV circuit previously certificated
ETT-120 P09082011	Heartland- Yellowjacket 69-kV Terminate line into Yellowjacket ETT	Menard/Menard	Add third rung and breakers to exising station to terminate new Hearland-Yellowyacket 69-kV transmission line Replace RTU,	10/4/2019	12/20/2019			\$ 1,303,055 00			85	69									16 TAC 25 83(a)(3)	Within Station Property
ETT-158 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		\$ 10,700,000 00	\$ 7 800,000 00			95		345	3 80	2-954 ACSR	Steel Mona Pole			150	3 80	48945	CCN Approved on 03/27/2019
ETT-158 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			\$ 1 500,000 00			80		345	0 10	2-1590 ACSS	Steel Mono Pole			150	0 10	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
ETT-158 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		\$ 14 000 000 00	\$ 14,000,000 00			90		345								48945	CCN Approved on 03/27/2019
ETT-161 P19010001	Reloj Del Sol Permanent Interconnection Add New Circuit	Webb	Add second circuit to 15 miles of the Conizo - Del Sol 345-kV double- circuit capable transmission line to permanently interconnent Reloj Del Sol's 209 MW Windfarm	2/3/2020	10/10/2020			\$ 20,000,000 00			10	345		15 00	2-954 ACSR		150	15 00			16 TAC 25 83(a)(3)	Second 345-kV circuit previously certificated
ETT-161 P19010005	Reloj Del Sol Permanent Interconnection Centzo Station Work	Webb	Cenizo 345-kV Substation Install new 63kA Terminal, install SSO Relay, install P&C Equipment, & install Metering Equipment	5/1/2020	9/20/2020			\$ 4,000 000 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-153 P17254001	Quihi 138-kV Switching Station	Medina	Construct a three (3) switch in and Out 138k-V Switching Station Install SCADA, RTU Telecom, and Relaying Panels ETT will constuct, own, and operate the high side, and STEC will construct own, and operate the low side (25 kV)	2/17/2020	6/30/2020			\$ 1,505,771 00			0		138								16 TAC 25 83(a)(3)	STEC Providing Station Property for Construction
ETT-800 ETT800233	Clear Crossing 345-kV Station Static Mast Pole Replacement	Haskell	Replace static mast structures at Clear Crossing 345-kV Station	8/3/2020	10/16/2020			\$ 685,740 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-800 ETT800232	Tesla 345-kV Station Static Mast Pole Replacement	Childress	Replace static mast structures at Tesla 345-kV Station	8/17/2020	11/6/2020			\$ 823,546 00			0	345									16 TAC 25 83(a)(3)	Within Static Property

Page 2 of 3

Gneg Gullickson 400 West 15th St, Suite 1520 Austin TX 78701-1662 gkgullickson@aep.com

MCPR_Form_2007(TSP).sis Revised 02/01/2007

Public Utility Commission of Texas Project No. 50421

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-800 ETT800231	Riley 345-kV Station Static Mast Pole Replacement	Wilbarger	Replace static mast structures at Riley 345-kV Station	8/31/2020	12/2/2020			\$ 655 407 00			0	345									16 TAC 25 83(a)(3)	Within Static Property
ETT-800 ETT800230	Edith Clarke 345-kV Station Static Mast Pole Replacement	Foard	Replace static mast structures at Edith Clarke 345-kV Station	7/20/2020	9/23/2020			\$ 609 700 00			0	345				•					16 TAC 25 83(a)(3)	Within Station Property
ETT-168 A19600003	Del Sol 345-kV Station Replace RLS Circuit Switcher	Starr	Replace CS 4568 with 345 kV, 5000 A, 63 kA breaker with Pre-Insertion Resistors Remove CB 1750 & Update Drawing	4/7/2020	5/15/2020			\$ 1,261,206 00			0	345				•					16 TAC 25 83(a)(3)	Within Station Property
ETT-168 A19600006	Riley 345-kV Station Replace RLS Circuit Switcher	W⊪barger	Replace CS's 9358, 11993, 7468, 7518, 14003, and 9048 with 345 kV, 5000 A, 63 kA breakers with Pre- Insertion Resistors Remove CBs 13995 and 12375 & Update Orawing	5/11/2020	11/13/2020			\$ 5,505,497 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT- 168 A19600007	Tesia 345-kV Station Replace RLS Circuit Switcher		Replace CS's 7238, 10812, 7247, 9007, and 8657 with 345 kV, 5000 A 63 KA breakers with Pre-Insertion Resistors Remove CB 12750 & Update Drawing	6/14/2020	1/1/2021			\$ 3 368,841 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT- 169 A19601002	Riley 345-kV Station Replace SSVTs	Wilbarger	Replace Alstom 345 kV SSVTs with (4) 50 kVA ABB SSVTs and (2) 100 kVA ABB SSVTs	9/18/2020	10/5/2020		,	\$ 2,414,815 25			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-139 ET1600801	Maplewood Interconnection LCRA Bakersfield 345-kV Station	Pecos	Add one breaker two switches rated 345-kV, 5000A 63kA Install SSO relay on line to IPP Frequency should be set for 1Hz to 10 Hz range Intall PMU equipment on line to IPP	7/6/2020	10/30/2020		\$ 2 206,000 00	\$ 1,349,176 00			o	345									47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-139 ET1600802	Maplewood Interconnection Red Barn 345-kV Station 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	7/6/2020	10/30/2020		\$ 748,000 00	\$ 747 997 00			0	345									47603	PUCT Docket 47603 Approved on 12/27/2017

Grieg Gullickson 400 West 15th St. Suite 1520 Austin, TX 78701-1662 gkgullickson@aep.com

MCPR_Form_2007(TSP).xls Revised 02/01//2007

Public Utility Commission of Texas Project No. 50421

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-072 A 39116	Barney Davis to Naval Base Substation 138-kV Transmission Line	Nueces	Construct new 138-kV transmission line (overhead/underground) from Barney Davis to Naval Base Substations	10/6/2016	8/31/2017	9/11/2017	\$ 43,955 000 00	\$ 43 955 000 00			90		138	5 2 (ov hd) 2 5 (under grd)	959 6 ACSS/TW/A W (ov hd) 5000kcml enarmeled copper cable (undergrd)	Typical Single Steel Pole wf few h type around t line crossings (ovhd) concrete duct (under grd)			Typical 100 (ovhd) 50 (undergrd)	25	42467	CCN approval on 05/28/2015
ETT-142 P15153001	Falfumas 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-141 ETT800213	BM Davis Station Upgrades	Nueces	Replace five circuit breakers and replace differential relays	11/29/2016	6/28/2019	4/10/2019		\$ 3,166 162 00			99	138									16 TAC 25 83(a)(3)	New Property Acquired for DICM
ETT-140 ETT800211	Okkeunion Substation	Wilburger	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(m)(3)	Within Station Property
42598598	SW Vernon Connect Oklaunion	Wilbarger	Oldaunion Add wave trap Connection to SW Vernon	1/22/2018	1/31/2019			\$ 1,200,000 00				138									16 TAC 25 83(a)(3)	Within Station Property
42681304	Yelllow Jacket Station	Menard/Menard	Replace relays and Carrier Equipment to match Temporary Cactus Flats Tap and future Treadwell station relays	3/20/2108	5/5/2018	5/15/2018		\$ 506 892 00			99	138									16 TAC 25 83(a)(3)	Within Station Property
ETT-139 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	10/30/2019	\$ 2,401,000 00	\$ 2,270 000 00			90		345	1 94	2-bundled Cardinal 954 KCM 54/7 ACSR		150	1 94			47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-144 P16141001	Live Oak Interconnect	Schleicher	Install one 345-kV terminal at LCRA TSC's Big Hill 345-kV Station to provide a permenant interconnection for the Live Oak Wind Project LLC wind farm	3/18/2018	10/5/2018	10/8/2018		\$ 5,333 559 00	\$ 4 577 735 42	-14%	100	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-130 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 ETT000910	Laguna Substation	Nueces	Replace insulators and switches for 138-kV conversion and operation	3/4/2019	5/29/2020			\$ 1,051 790 00			0	69	138								16 TAC 25 83(a)(3)	Within Station Property
ETT-149 P17211001	Ajo-Zonilo 345-kV 2nd Circuit (Stella Permanent Tap)	Kenedy	Construct a 2nd circuit with OPGW on the Ajo-Zonllo 345-kV transmission line from the Stella Tap location (constructed under TP2017102) up to the Ajo Station	10/9/2019	4/15/2020	3/3/2020		\$ 9,966,375 00			97	345		7 85	2-1590 ACSR/AW	Steel Mono Pole	150	7 85			16 TAC 25 83(a)(3)	Second circuit previously certificated Easoment previously acquired
ETT-149 P17211003	Ajo Station Line Terminal for Stella Permanent Tap	Kenedy	Construct new two breaker line terminal at Ajo Station. This will form a new Zonillo line terminal at Ajo.	10/9/2019	4/15/2020	3/3/2020		\$ 3,407,747 00	\$ 3,930,229 00	15%	100	345									16 TAC 25 83(a)(3)	Within Station Property

Gneg Gullickson 400 West 15th St. Surle 1520 Austin TX 78701-1662 gkgullickson@aep.com

MCPR_Form_2007(TSP).xls Revised_02/01//2007

Public Utility Commission of Texas Project No. 50421

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-120 P09082009	Heartland- Yellowjacket ETT	Menard/Menard McCulloch	Hearland 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		\$ 19 824,000 00	\$ 19,824,000 00			85	· -	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 P1517701	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	06/01/202	4/15/2021		\$16,834,000 00				0		345	5 00	2-954 ACSR	Steel Mono Pole			150	5 00	47603	PUCT Docket 47973 Approved on 02/14/2019
ETT-130 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 interconnent 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 6			16 TAC 25 83(a)(3)	Second 345-kV circuit previously certificated
ETT-120 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			\$ 1,303,055 00			85	69									16 TAC 25 83(a)(3)	Within Station Property
ETT-158 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		\$ 10 700 000 00	\$ 7,800 000 00			95		345	3 80	2-954 ACSR	Steel Mono Pole			150	3 80	48945	CCN Approved on 03/27/2019
ETT-158 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			\$ 1 500 000 00			80		345	0 10	2-1590 ACSS	Steel Mono Pole			150	0 10	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
ETT-158 P18078017	Vers 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		\$ 14,000 000 00	\$ 14,000 000 00			90		345								48945	CCN Approved on 03/27/2019
ETT-161 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 interconnent Reloj Del Sol's 209 MW Windfarm	2/3/2020	10/10/2020			\$ 20 000 000 00			10	345		15 00	2-954 ACSR		150	15 00			16 TAC 25 83(a)(3)	Second 345-kV circuit previously certificated
ETT-161 P19010005	Reloj Del Sol Permanent Interconnection Cenizo Station Work	Webb	Cenizo 345-kV Substation Install new 63kA Terminal Install SSO Relay, Install P&C Equipment, & Install Metering Equipment	5/1/2020	9/20/2020			\$ 4 000 000 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-153 P17254001	Quihi 138-kV Switching Station	Medina	Construct a three (3) switch in and Out 138k-V Switching Station Install SCADA, RTU, Telecom, and Relaying Panels ETT will construct, own, and operate the high side, and STEC will construct, own, and operate the low side (25 kV)	2/17/2020	6/30/2020			\$ 1 505,771 00			0		138								16 TAC 25 83(a)(3)	STEC Providing Station Property for Construction
ETT-800 ETT800233	Clear Crossing 345-kV Station Static Mast Pole Replacement	Haskell	Replace static mast structures at Clear Crossing 345-kV Station	8/3/2020	10/16/2020			\$ 685 740 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-800 ETT800232	Tesla 345-kV Station Static Mast Pole Replacement	Childress	Replace static mast structures at Tesla 345-kV Station	8/17/2020	11/6/2020			\$ 823,546 00			0	345									16 TAC 25 83(a)(3)	Within Static Property

Grieg Gullickson 400 West 15th S1, Suite 1520 Austln TX 78701-1652 gkgullickson@aep.com

MCPR_Form_2007(TSP).xls Revised_02/01/2007

Public Utility Commission of Texas Project No. 50421

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Oate 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-800 ETT800231	Riley 345-kV Station Static Mast Pole Replacement	Wilbarger	Replace static mast structures at Riley 345-kV Station	8/31/2020	12/2/2020			\$ 655 407 00			0	345									16 TAC 25 83(a)(3)	Within Static Property
ETT-800 ETT800230	Edith Clarke 345-kV Station Static Mast Pole Replacement	Foard	Replace static mast structures at Edith Clarke 345-kV Station	7/20/2020	9/23/2020			\$ 609 700 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-168 A19600003	Del Sol 345-kV Station Replace RLS Circuit Switcher	Starr	Replace CS 4568 with 345 kV, 5000 A, 63 kA breaker with Pre-Insertion Resistors, Remove CB 1750 & Update Drawing	4/7/2020	5/15/2020			\$ 1,261,206 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT- 168 A19600006	Riley 345-kV Station Replace RLS Circuit Switcher	Wilbarger	Replace CS's 9358, 11993, 7468, 7518, 14003, and 9048 wth 345 kV, 5000 A, 63 kA breakers with Pre- Insertion Resistors Remove CBs 13995 and 12375 & Update Drawing	5/11/2020	11/13/2020			\$ 5505,49700			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT- 168 A19600007	Tesla 345-kV Station Replace RLS Circuit Switcher	Childress	Replace CS's 7238, 10812, 7247, 9007, and 8657 with 345 kV, 5000 A, 63 kA breakers with Pre-Insertion Resistors Remove CB 12750 & Update Drawing	6/14/2020	1/1/2021		-	\$ 3 368,841 00			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT- 169 A19601002	Riley 345-kV Station Replace SSVTs	Wilbarger	Replace Alstom 345 kV SSVTs wth (4) 50 kVA ABB SSVTs and (2) 100 kVA ABB SSVTs	9/18/2020	10/5/2020			\$ 2 414,815 25			0	345									16 TAC 25 83(a)(3)	Within Station Property
ETT-139 ET1600801	Maplewood Interconnection LCRA Bakersfield 345-kV Station	Pecos	Add one breaker, two swrtches rated 345-kV, 5000A, 63kA Install SSO relay on line to IPP Frequency should be set for 1Hz to 10 Hz range Intall PMU equipment on line to IPP.	7/6/2020	10/30/2020		\$ 2,206,000 00	\$ 1,349,176 00			o	345					-				47603	PUCT Docket 47603 Approved on 12/27/2017
ETT-139 ET1600802	Maplewood Interconnection Red Barn 345-kV Station 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	7/6/2020	10/30/2020		\$ 748,000 00	\$ 747 997 00			0	345									47603	PUCT Docket 47603 Approved on 12/27/2017

Grieg Guffickson 400 West 15th St. Suite 1520 Austin TX 78701-1662 gkguffickson@aep.com

MCPR_Form_2007(TSP).xls Revised 02/01//2007