

Control Number: 36487



Item Number: 261

Addendum StartPage: 0

Christian Powell
Regulatory Affairs
LCRA
P O Box 220
Austin, TX 78767
christian powell @icra.org

LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
December 2009

Caprolis PM 2:35

Public Utility Commission of Texas Project No. 36487

					····		,
1003908	1009819	1006820 1006821 1006622 1007498 1008225 1008226	1003534 1009925	1003547	1005925	Future Project #1	Utiny's Project Number
Page 1. Add (T18) The Cartes to Address TL			Rin Rock-to-Goal Creak 11, Add	Medina Lake-to-CPS Anderson TL Add T- 460	Mengar Craek Substation Addition Project (Cico-to- Hatoles TL Addition T-244)	Kunitz-Wink	Project Name
Counties Counties Counties Counties Counties Counties Counties		Guadalupe. Caldwell, Travis, Hlays, Williamson. Cilies of Hurto. Phispervite. Australia, Nustang Ridge. Niedenvald, Lockharl, Martindals Counties	Kerr County	Bandera, Medina Counties	Kendali, Bezar Counties, and City of Boerne	Cuberson, Reeves, Loving, Winkler Countles	Location (City/County)
Reconductor and expressively 6.4 express	Transmission line overhaul, repiace poles, cross arms, and x-braces.	New 345 kV double- circuit transmission line: Clear Springs/Zam to Gilleland Creek to Hutto	waw 138 kV transmission live, transmission live, transmission live, single-circuit believes the additing temperate the additing temperate focal Creek Substation and the proposed Goal Creek Substation the proposed Goal Creek Substation and the easiling and the e	transmission line from Medina Lake Substation through propaged Mico Substation to CPS Energy Tie	Constituct is new Audited 786 ACSR1 State 786	New 138 kV transmission fine from wind plant at Kunitz to TXU Wink Substation	Description
7/800	3/Z/09	5/20/10	7/13/05	6/22/08	yzwos	TBD	Esimaled (or Actual) Stan Date
11/17/06	6/26/09	6/20/11	122308	1/19/10	8/2207	TBD	Finish Date (Construction Complete)
11/11/06	6/19/09				8/22/07		Date Energized (#
		\$151,500,000 T-line; \$24,267,000 Substation	\$11,740,000 T-line; \$5,579,000 Substation	\$18,727,000	\$4,551,900		Initial Estimated Project Cost (§)
\$9.905,000	\$701,667		\$13,087,534 Tithe: \$4,943,466 Substation		\$6,589,000		Final Estimated Project Cost (\$)
	\$639,409						Final Actual Project Cost (\$)
	3						% Variance
, woo	100%	740	50%	95	100%	9,	Percent Complete
6	138	۰	0	0	2		Existing Voltage (kV)
89	138	345	138	138	134		Upgraded or New Voltage (kV)
Nu 04'S	18.70 mi	170.00 ml	9.00 mi	9.00 mi	3.80 mi		Circuit Length (Miles
795 ACSR	3x1-336 ACSR "Linner"	6id-959 ACSS/TW "Suwannee"	31 & 841-335 ACSR "Linnel"	3x1-795 ACSR 'Drake'	3-2-795 kemil ACSF 'Drake'	3/2-795 kcm# ACSR *Drake*	Conductor Type & Size & Bundling
Steel Monopole	Wood H	Lattice Towers & Other	Shigle Pole & Lattice Tower	Single Pole & Lattice Tower	342-795 komi ACSH Shape Prise, Statel or "Drake" Concrete		Structure Type(s)
Certaiine Delined (50%), Validd width of 15 R - 45 R (50%)	Varies, 100-lt	٠	0	٥	3	Pa.	Existing ROW Width (Feet)
6.40 m	18.70 ml	۰	0.00 mi	0.00 ml	0.00 mi		Edsting ROW Length (Miles)
۰	0	Varies, 100-160	Varies, 60-130	Vades, 80, 90-170	80	100 - 160	New ROW Width
0.00 mi	0.00 mi	85.00 ml	8.00 mi	9.00 ml	3.80 m		
25.101(C)(9)(9)	25.101(C)(5)(B)	33976	33844	32834	25684	22762	New ROW Length Rule Section or PUC (Miles) Control Number
Translat from AEP's PUC MCPR Poyeet in 2013325 vs SYM Docket = 35784 Continue to work with AEP on pending construction claims before that costs can be reported.	Overhand	Filed at the PUC on 3/2007 Final Order Received 10/10/08.	Field at the PLC on 2/2007 Added ulliky poject # 100925 for the upparte portion of the project happare foeed to ingram transmission fore.	CCN Red 8/2/06 New name - Medina Lake-to-CPS Cagnon TL Add	One mediation (According to the state of the	On h	IC Comments

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LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
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10100			<u> </u>	T	1		ş
1010058 1010017 J	1009371	1010481	1010423	1009094	1009815	1003909	Utility's Project Number
North McCamey to McCamey 18 38-4V CHEZ Tratum 1880n Une Project	Ferguson-to- Coronado 1187 Add	Kendali T342 Add	Kendai T228 Add	Zom-to-Seguin T203 Add	Seguin-to-Cushman TL Add (T308)	Arthe-to-Naval Base	Project Name
Upin, Croskett, Percos	Burnei	Kendall County	Kendali County	Guadalupe County	Guadalupe County	Corpus Christ, Nueces Countles	Location (City/County)
POREZ DEFAULT PROJECT AN a second direct AN A secon	Modify an existing transmission like to accommodate accommodate substation (on constanction (wo constanction (or constanction (or constant) (or constation) (Coronado) (Coronado) (Shannood Shores (T-187) 139 kV transmission Line.	Rebuild and reconductor an existing transmission line between Kendall and CTEC Kendall substations	Madify the existing Boerne to Kendall (T228) ransmission line for the new expanded Kendall Substation yard on existing substation property.	Extend the existing 138 kV Zom to Sepular transmission line (7203) to a new rabsalano, by installing a double-client spit on the new York Creek Substation property.	Transmission line overhaul, replace poles, cross arms, and x-braces, add anii-galloping devices.	Reconductor and revails productor and revails approximately 7.96 make of existing 95 AV standmistorin the General Substation to Newell Super Substation to Newell Super Substation The old lens is 47° m. The	Description
61110	8/10/09	10/2/09	60/E1/P	4/21/09	10/28/09	4/\rangle 8	Estimated (or Actual) Start Date
12/15/10	9/16/09	10/21/09	10/28/09	7/9/09	12/11/09	e/27/08	Finish Date (Construction Complete)
	9/15/09	10/15/09	10/15/09	7/9/09		62706	Oate Energized (II hillal Estimated Applicable) Project Cost (\$)
\$7,06,000 Tilea; \$3,455,000 Substation							i
	\$269,025	\$230,065\$	\$650,900	\$315,000	\$832,209	\$9,901,000	Final Estimated Project Cost (\$)
				\$324,039			Final Actual Project Cost (\$)
				¥			% Variani
ş	100%	100%	7,00%	100%	ğ	100%	Percent Complete
198	586 86	138	138	138	138	S.	Percem Complete Existing Voltage (kV)
128	138	136	130	138	ž	8	Upgraded or New Vollage (kV)
15.00 ml	0.20 mi	0.21 mi	0.20 ml	0.06 mi	1.97 ml	7.96 m.i	Circuit Length (Mites)
302-795 ACSR 'Drake'	3x1-795 ACSR "Drake"	3x1-795 ACSR "Drake"	3x1-785 ACSR	6x1-795 ACSR	3x1-795 AAC "Arbulus"	785 ACSR	Conductor Type & Size & Bunding
Single Pole	Steel H-frame	Steel H-Iramo	Steel Pole	Steet Pole	Varies, Wood Poles, Sieel Poles	Steel Monopole	Structure Type(s)
Varies	ъ	Substation Property	n/a	r/a	Varies	Centerline Defined (75%), Varied width of 12 R - 45 R (25%)	Existing ROW Width (Feet)
14 25 ml	0.20 mi	0.21 ml	0.32 mi	0.00 กา	1.97 mi		Existing ROW Length (Miles)
Varies	0	0	Substation Property	0.00 ml Subsesson Property	0	0	New ROW Width
75 mle	0.00 mi	0.00 mi	0.20 mi	0.03 ml	0.00 mi	0.00 mi	New ROW Width New ROW Length Rule Section or PUC (Feet) (Mass) Control Number
366 88 8	25. 101(C)(5)(A), 25. 101(C)(5)(B)	25.101(C)(5)(8)	25.101(C)(5)(A), 25.101(C)(6)(B)	25. 101(C)(S)(A), 25. 101(C)(S)(B)	25.101(C)(5)(B)	25.101 (C)(S)(B)	Rule Section or PUC Control Number
Fluid as the PUC on 2027/98. In addition 2027/98. In additional costs are additional costs are anotherised as itemized as item						Fran PUC Conf. Con	Comments

Public Utility Commission of Texas Project No. 36487

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Christian Powell
Regulatory Affairs
LCRA
LCRA
P O Box 220
P O Box 278767
Austin, TX 78767
christian.powell © tora.org

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Public Utility Commission of Texas Project No. 36487

	1010479	1009651	1010117	1010225	1010115	109915	1009196	1010113	1010403	Uility's Project Number
	Kendal 7243 Add	Zom-Luling T158	Readvile-Lockhart T519 Add	Culberson-Kunitz T271 Add	Mendoza- Turnereville T382 Add	Lampasas- Coronado 1109 Add	Fayeti-Belly S T216 Add	Zorn-Lytton Springs	Rad Creak to Comanche T. Upgrade T-224	Project Name
	Kendall County	Caldwell, Hays, Comal, Guadalupe Counties	Caldwell, Hays, Cornal, Guadalupe	Culberson	Caldwell County	Burnet	Fayette, Colorado, Austin	Cadwell	McCulloch	Location (City/County)
	Modify an existing transmission sine 17243 to accommodate substation on the substation at Kendell Substation.	At the the request of a governmental body, modify an existing transmission line T158 for State Highway 130.	At the the request of a governmental body, modify an existing transmission who 'TS19 for State Highway 130.	overhaul, add knee braces to crossasms, add dampers to wires.	At the the request of a povernmental body, enough an existing transmission and of the state of t	who was a consumption of the construction at the substation construction at the construction at the substation of the construction at the construction at the construction at the construction at the construction of the construc	reconductor an existing 136 kV transmission fine (T-215 Fayetteville-Villew Springs-New Brennen-Bellwille South)	a povernitarial a povernitarial a povernitarial a povernitarial a cook, modily an existing transmission time for Bate Highway 130, amove one structure and replace/rivolust with two structures to accommodate new highway formation. Rebuild and	Modify an esisting 345 kV transmission into to increase the hard of the cesting 345 kV tatice towards on T424 Red Creek to Comarcho, Structures #223 and accommodate a new accommodate a new 365 kV fine closeling.	Description
	10/8/05	1/4/10	סועוועו	8/3/09	821/05	7/20/09	7/7/09	9/15/09	861100	Estimated (or Actual) Start Date
	10/28/09	บาราง	0.16271	60/62/8	10/30/08	01.62 <i>R</i>	8/11/10	10/16/09	7/3(/0)	Finish Date (Construction Complete)
	10/8/09			8/31/09	117/09			10/16/05	7/30(09	Dale Energized (II Applicable)
	· · · · · · · · · · · · · · · · · · ·									Initial Estimated Project Cost (5)
	\$17,390	\$914,000	\$820,000	\$629,306	\$250,000	\$296,560	\$17,643,000	\$ 750,000	\$255,476	Final Estimated Project Cost (\$)
										Final Actual Project Cost (\$)
	··-									% Variance
	100%	0%	ş	100%	100%	40%	10%	100%	100%	Percent Complete
	i .	136	5. 9	- 38 <u> </u>	138	136	ž	ω 45	9	Existing Voltage (kV)
	š	ŝ	58 8	E		3		ଧ ଶ	945	Upgraded or New Voltage (KV)
0.10			1.25 at		31 2			0.80 mi	0.60 mi	Circuit Length (Miles)
ı	l.		3x1-795 ACSR	3x1-336 ACSR "Unnet"	.₹	Svi 795 ACSR	<	6x2-795 ACSR "Drake"	3/2-1590 ACSR	Conductor Type & Size & Bunding
orest Line for			Steel H	Wood Poles		Steal Pole	Concrete Pots, Steel	Lattice Tower	Lattice Towars	Structure Type(s)
приту	On Substation	Sance.	and the	100'	Varies 100 to 120	100-n	Varias R5 to 100	170	168	Essing ROW Width (Feet)
0.10 mile	V-20 180			27.69 mi		0.50	2	0.57 mi	0.60 mi	Edsing ROW Length (Miss)
									•	New ROW Width (Feet)
0.00 mil2	COO IIII	22	2	lw 00.0	23		3	0.00 a	0.000	New ROW Length (Miss)
0.00 mi[25.101 (C)(5)(A)	za. iu (c/g)(r)	25.101 (C)(5)(8).	25. 101 (C)(5)(8).	25.101 (C)(5)(B)	25.101 (C)(5)(B).	23.101 (O)(8)(A),		25.101(C)(5)(B),	26.101(C)(6)(B),	Rule Section or PUC Control Number
				oy state or lexas.	TxDOT Highway expansion with project 100% funded		-	PaDOT Highway Expansion with project 100% funded by State of Track		C

LCRA 1'86 TRANSMISSION CONSTRUCTION PROGRESS REPORT for December 2009

1010484	1010226	1010746	1010750	1010745	1010749	1010362	1010744	1010281	1010228	1010331	1010795	Utliny's Project Number
Eigh-Gäeland Creek Bastrop, Travis, and existing 138 kV T421 Add Walliamson Counties transmission fear	N.McCamey T454 Add	Rio Pecos-N McCamey T464 Add Rio Pecos-	Rio Pecos-Mesa Vw Switch T449 Add	Rio Pecos-LCRA Crane Te51 Add	W Yates Switch- Mesa Vw Sw T446 Add	Gliesple-Newton TL ADD (CREZ)	Fi Lancaster-Friend Rnch T438 Add	Senia Avna- Brownwood TL Upgrade	Winchester- Fayetteville T165 Add	Luing-Zom T158 Add	Hays Energy-Kendati 1369 Add	Project Name
Restrop, Traves, and existing 138 kV	Crocket and Upton overhaul, add anti- Counties whration devices. Rebuild and	Crocket and Upton Countles	Crocket and Pacos Counties	Crane and Crocket Counties		Giffespie, Llano, Burnet, San Saba, Lampasas Countles	Crocket, Pecos, and Terrell Counties	Coleman County	Fayette County	Caldwell County	Kendal County	Location (City/County)
econductor an existing 138 kV	overhaul, add anti- wbration devices. Rebuild and	o overheut, add anti- vibration devices. Transmission line	ribration devices.	overhaut, add anti- vibration devices. Transmission line	structure arms and add anti-vibration devices.	New 345 KV single circuit double-circuit capable, transmission line from Gillespie to Newton. This is a CREZ priority project.	overhaul, replace sinuclure arms and add anti-vibration devices.	Nodily an existing transmission fine T482 to accommodate substation construction at the new AEP TNC Fire Rock substation.	ransmission the overhaut, replace poles, cross arms, and x-braces, add anti-galloping devices.	Transmission line overhead, replace poles, cross arms, and x-braces, add anti-galloping devices.	Modify an existing transmission line T389 to accommodate substation construction at Kendali Substation.	Description
2/15/10	3/18/2010	3/18/2010	3/5/2010	3/29/2010	3/1/2010	8/5/11	2/8/10	12809	11/2/09	11/8/09	10/2/09	Esimated (or Actual) Start Date
S/SRIG	OURGAE	3/23/10	3/17/10	4/4/10	3410	11/12/12	2/18/10	01/1/6	316/10	4/6/10	10/28/09	Finish Date (Construction Complete)
											10/8/09	Oate Energized (If Applicable)
						\$161,900,000						Initial Estimated Project Cost (\$)
es ene	\$126,240	\$126,240	\$371,550	\$424,210	\$118,570		\$531,600	\$602,000	\$334,113	\$601,824	\$138,680	Pinal Estimated Project Cost (\$)
												Final Actual Project Cost (\$)
!	0%	0%	0%	0%			9	93				% Variar
ì _	3	0%	0%	9	Ş	0%	0	9%	9.	ç,	100 x	Percent Complete E
Ĺ	138	136	138	138	138		5	139	138	ž	<u></u>	Existing Voltage (KV)
L	ži.	138	138	138	38	9	\$	138	138	38	ယ္ (၁)	Upgraded or New Vokage (kV) C
	9.73ml 3	9.80 mi 3	27.31 mi 'C	23.94 mi	9.77 ml 3	85.5 mi	43.44 mi				000	Circuit Length (Miles)
	"Drake" C	"Drake" C	3/2-795 ACSR "Drake"	"Drake" C	3x2-795 ACSR "Drake"	3x2-1590 ACSR	3x2-795 ACSR		3x1-795 ACSR	33	1x2-795 ACSR	Conductor Type & Size & Bunding
<u>.</u>	Oncrete Pole	Oncrete Pole	Oncrete Pate	oncrete Pole	oncrete Pole	Steel Lattice	Concrete Pole 8	•				Siructure Type(s)
						Varies, typically 100°	80'-100'	On Substation	100	00° and Blanket	On Substation	Existing ROW Width (Feet)
	9.73 mì 0	9.80 ml 0	27.31 ml 10	23.94 mi 0	9.77 ml 0	35.00 mi 100'-160'	43.44 mlD	0.50 milo	18.75 m 0	28.00	<u> </u>	Existing ROW Length (Miles)
						00'-160'		-	-			New ROW Width (Feel)
					0.00 ml	50.50 mi			0.00			New ROW Length Rule Section or PUC (Miles) Control Number
	25.101 (C)(5)(B)	25.101 (C)(S)(B)	25.101 (C)(5)(B)	25.101 (C)(5)(B)	25.101 (C)(S)(B)	<u> </u>	26.101 (C)(5)(B)	25.101 (C)(5)(A).				Rule Section or PUC Control Number
						Fied at the PUC on 10/28/09.						Comments

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AFFIDAVIT OF NOTICE

STATE OF TEXAS

§ § 8

BEFORE ME, the undersigned authority, on this day personally appeared Kelly Wells, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Kelly Wells. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on July 21, 2009, LCRA Transmission Services Corporation completed a search and mailed notice to:

 (a) owners of land crossed by the existing transmission facility to be modified T-421 Gilleland Creek to Elgin 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on December 1, 2009, LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to <u>Bluebonnet Electric Cooperative</u> whose certificated service area is crossed by the T-421, 138 kilovolt transmission line.
- (c) notice to <u>Oncor Delivery Systems</u> whose certificated service area is crossed by the T-421, 138 kilovolt transmission line.

The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Bastrop, Williamson and Travis counties. The certificated utilities described in (b) and (c) above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 2 2 day of December 2009.

AFFIANT: Kelly Wells

SWORN TO AND SUBSCRIBED BEFORE ME this the 2 day of December 2009.

LEONARD R. JASINSKI Notary Public, State of Texas My Commission Expires January 29, 2013

Notaxy Public in and for the

State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

80 80

BEFORE ME, the undersigned authority, on this day personally appeared Susan Eschenburg, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Susan Eschenburg. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on December 15, 2009 LCRA Transmission Services Corporation completed a search and mailed notice to:

- (a) owners of land crossed by the existing transmission facility to be modified T-454/484 Rio Pecos to North McCamey DC 138-kilovolt transmission line;
- (b) owners of land crossed by the existing transmission facility to be modified T-446 West Yates Switch to Mesa View Switch 138-kilovolt transmission line;
- (c) owners of land crossed by the existing transmission facility to be modified T-449 Rio Pecos to Mesa View Switch 138- kilovolt transmission line;
- (d) owners of land crossed by the existing transmission facility to be modified T-451 Rio Pecos to LCRA Crane 138kilovolt transmission line;

In accordance with P.U.C. Proc. Rule 25.83, on December 15, 2009 LCRA Transmission Services Corporation mailed by first class mail:

- (e) notice to Oncor Electric Cooperative, Inc. whose certificated service areas are crossed by the T-451 Rio Pecos to LCRA Crane;
- (f) notice to Southwest Texas Electric Cooperative, Inc. whose certificated service areas are crossed by the T-446 West Yates Switch to Mesa View Switch; and T-449 Rio Pecos to Mesa View Switch;
- (g) notice to American Electric Power whose certificated service areas are crossed by the T-446 West Yates Switch to Mesa View Switch, T-449 Rio Pecos to Mesa View Switch; T-451 Rio Pecos to LCRA Crane and T-454/484 Rio Pecos to North McCamey DC;

The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a-d), above, were ascertained by

reference maps, and current tax rolls in Crockett, Pecos, Crane and Upton. The certificated utilities described in (e-g) above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of December 2009.

AFFIANT: Susan Eschenburg

SWORN TO AND SUBSCRIBED BEFORE ME this the

BENJAMIN D. HAYES

Notary Public, State of Texas My Commission Expires FEBRUARY 27, 2012 day of December 2009.

Notary Public in and for the

State of Texas