



Control Number: 41089



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AEP Texas Central Company
CONSTRUCTION PROGRESS REPORT for
JULY 2013

Public Utility Commission of Texas
Project No. 41089

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 (\$)	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded 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
40419748	Rio Hondo to La Palma 138kV Rebuild	Cameron County, Texas	Rebuild approximately 10.1 miles of existing wood H-frame 138kV line. The old line is single 795 ACSR 2777. The new line will be bundled 795 ACSR with OPGW on new steel single pole structures.	8/15/2005	12/31/2005	12/16/2005	\$ 16,510,075			100	138	138	10.1	Bundled 795 ACSR	Steel single pole	Centerline Defined	10.1			Pursuant to Subst Rule 25.101 (c)(5) (B)	
40638212	El Gato to Goode 138 kV	Hidalgo County	Construct approximately 5 miles of 138 kV line on pre-stressed concrete or steel structures, with a portion of the line double circuit	10/31/2011	6/30/2012		\$5,346,624 (transmission line only)			0	138	138	5	795 MCM ACSR	Pre-stressed concrete or steel single pole			100	5	34050	CCN approved on August 14, 2008.
41254414	Valero Cantwell - Well Trac 138 kV Add OPGW	Nueces County, Texas	Install 48 fiber OPGW for a 3.6-mile section of the Cligo North Oak Park - Lon Hill 138 kV line from Well Tract Substation to Valero Cantwell Substation.	2/16/2009	3/31/2009		\$ 513,000				138		3.6	795 ACSR 267	Double Circuit Steel Pole	Centerline Defined				Sub Rule 25.83 (a) (3)	
41274286	Gila - Nueces Bay 138kV	Corpus Christi, Nueces County	Construct 0.16 mi of transmission to connect new Topaz Generator 9 to Nueces Bay 138kV Substation via the Gila 138kV Substation site.	05/01/09	08/07/09		\$1,476,000					138	0.16	2-795 kcmil 267 ACSRAW, 1-1590 kcmil 457 ACSRAW	Steel Monopole			100	0.14	Sub Rule 25.101 (c) (5) (A)	Written Consent obtained with new ROW
41254414	Well Trac - Valero Cantwell 138kV - Add OPGW	Corpus Christi, Nueces County	Replace the existing shieldwire with 48 fiber OPGW for 3.6 mile section of Cligo NOP to Lon Hill 138kV.	10/05/09	10/30/09		\$454,000				138		3.60	267 ACSR	Steel Monopole	Centerline Defined	3.60			Sub Rule 25.83 (a) (3)	
41234177	Joslin to Aloca 138kV line	Calhoun County	Installing 7 taller structures for transmission line crossing by Formosa private transmission line.	8/3/2009	3/31/2010	11/15/2009	\$1,551,900			100	138			1590 ACSR	Single pole steel	100				Sub Rule 25.101(c)(5)(B)	No new ROW required Project Cost paid by Formosa.
41234182	Joslin to Union Cardale 138kV line	Calhoun County	Installing 4 taller structures	9/14/2009	3/31/2010	1/12/2010	\$1,128,100			100	138			795 ACSR	Single-pole steel	100				Sub Rule 25.101(c)(5)(B)	No new ROW required Project Cost paid by Formosa.
41235032	Joslin to Gospike 138kV line	Calhoun County	Installing 7 taller structures	9/14/2009	3/31/2010	3/8/2010	\$1,382,100			100	138			795 ACSR	Single-pole steel	100				Sub Rule 25.101(c)(5)(B)	No new ROW required Project Cost paid by Formosa.
41235102	Joslin to Formosa 138kV line	Calhoun County	Installing 7 taller structures	9/14/2009	3/31/2010	3/26/2010	\$1,374,900			100	138			795 ACSR	Single-pole steel	100				Sub Rule 25.101(c)(5)(B)	No new ROW required Project Cost paid by Formosa.
41235109	Point Comfort to Caramacua	Calhoun County	Installing 5 taller structures	9/14/2009	3/31/2010	4/7/2010	\$918,300			100	69			40 ACSR	Single-pole H-Frame	50				Sub Rule 25.101(c)(5)(B)	No new ROW required Project Cost paid by Formosa.
41350137	Formosa Substation	Calhoun County	Install 2 CTs SDR & RTU	7/1/2009	7/12/2010		\$342,000			100	138									Sub Rule 25.83 (a)(13)	
41473417	Build new Olton Area Telecom Tower	Webb	Installation of new Telecom Tower at La Quinta Site	4/1/2011	4/30/2012	5/24/2012	\$944,000			100										Sub Rule 25.83 (a) (3)	
41533047	Magruder - Thompson Cut in	Victoria	Cut in line into new 138kV ring bus at Magruder Substation	3/1/2011	5/31/2012	05/09/12	\$542,600			100	138			795 ACSR	Single-pole steel	centerline				Sub Rule 25.83 (a) (3)	All work on AEP TCC substation property
41274286	Gila / Upriver 138 kV Line	Nueces	Relocate Upriver / Nueces Bay Line into Gila Sub - Temp & Perm. Wk	3/21/2011	5/15/2011		\$2,120,111			0	138			Bundled 795 ACSR	Single-pole steel			100	0.2	Sub Rule 25.101 (c) (5) (A)	Landowner Written Consent and Easements Obtained
41489404	Highway 9 / Valero East	Nueces	69 kV Line - Rebuild/reconductor Line 2.3 mi, Reconductor Line 1.3 mi (3.6 mi Total)	1/15/2011	4/20/2011		\$6,300,670			0	69		3.6	795 ACSR	Single-pole steel	centerline				Sub Rule 25.101(c)(5)(B)	No new ROW required.
41489615	Valero East / Valero West	Nueces	69 kV Line - Rebuild/Reconductor Line (0.15 mi)	1/15/2011	4/20/2011		\$793,397			0	69		0.2	795 ACSR	Single-pole steel	centerline				Sub Rule 25.101(c)(5)(B)	No new ROW required.
41577460	Aazan Substation	Kleberg	Transmission substation upgrades for Distribution Bus	1/15/2011	3/30/2011		\$720,000			0	138									Sub Rule 25.83 (a) (3)	
41532659	N. Victoria Junction to Foster Field Tap, Install OPGW	Victoria	Replace 3.0 miles of existing shield wire with OPGW	9/19/2011	12/31/2011	10/20/2011	\$396,900			100	69		3							Sub Rule 25.83 (a) (3)	
41532662	Lenny Lane to Foster Field Tap, Install OPGW	Victoria	Replace 4.3 miles of existing shield wire with OPGW	9/19/2011	12/31/2011	11/11/2011	\$872,000			100	69		4.3							Sub Rule 25.83 (a) (3)	

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41533200	Victoria Substation	Victoria	Add cap bank, upgrade breakers and switches on two 69KV lines, one 138KV line	10/17/2011	3/31/2012	5/4/2012		\$2,678,700		100	69 & 138									Sub Rule 25.83 (a) (3)	
41532666	Victoria to N. Victoria Junction	Victoria	reconductor Line 3.1 mi. Replace existing shield wire with OPGW	10/24/2011	3/31/2012	1/27/2012		\$1,034,100		100	69		3.1	795 ACSS	Double circuit lattice	centerline				Sub Rule 25.101(c)(5)(B)	No new ROW required.
41533044	N. Victoria Junction to N. Victoria Substation	Victoria	Rebuild Line .95 mi. Install OPGW	10/24/2011	3/31/2012	1/27/2012		\$1,406,300		100	69		0.95	795 ACSS	Single-pole steel	centerline				Sub Rule 25.101(c)(5)(B)	No new ROW required.
41777432	North Edinburg Station Service Upgrade	Edinburg/Cameron County	Upgrade Station Service for 345 KV Control Bldg	9/11/2012	11/2/2012			\$300,000		0										Sub Rule 25.83 (a) (3)	No new ROW required.
41858188	Dilley Station Breaker Replacement	Dilley/Frio County	Replace 69KV CB 5600	11/1/2012	12/31/2012			\$495,000		0	69									Sub Rule 25.83 (a) (3)	No new ROW required.
41858217	Dilley Station RTU Replacement	Dilley/Frio County	Replace Legacy RTU	11/1/2012	12/31/2012			\$337,500		0										Sub Rule 25.83 (a) (3)	No new ROW required.
41858229	East Harrison Relay Upgrades	Harrington/Cameron County	Replace EM relays on CB 4130	11/15/2012	12/31/2012			\$589,400		0										Sub Rule 25.83 (a) (3)	No new ROW required.
41858245	Military Highway Relay Upgrade	Brownsville/Cameron County	Replace Mdr relay & assoc panel to standard (CB 45)	11/15/2012	12/31/2012			\$411,700		0										Sub Rule 25.83 (a) (3)	No new ROW required.
41817969	TPCO Cut-In Phase 1	Uvalde	Construct 138KV cut-in for TPCO finishing plant.	9/3/2012	11/31/2012			\$599,800		95	138		0.25	795 ACSS Bundled	steel			190		Sub Rule 25.101 (c)(5)(A)	Cut-in on TPCO property. Easement and consent acquired.
41718752	Lone Tree Substation	Victoria/Victoria	Build new 69/12KV Substation	4/30/2012	10/31/2012	09/14/12		\$5,667,000		100		69								Sub Rule 25.83 (a) (3)	TPC Property
41533187	N. Victoria Substation Upgrades	Victoria/Victoria	Upgrade substation, relaying and RTU	6/11/2012	3/31/2013	12/19/12		\$1,655,000		100	69									Sub Rule 25.83 (a) (3)	Located on existing TCC Property
41726228	Lone Tree Harpin	Victoria/Victoria	Cut Victoria to Lone Tree 69 KV Transmission line into Lone Tree Substation	8/16/2012	10/31/2012	08/31/12		\$911,000		99	69		0.39	795ACSS	Double Circuit single Pole Steel			100		Sub Rule 25.101 (c)(5)(B)	Consent obtained where some easement modification required for rebuild
41533052a	N. Victoria to Lawndale Ave Rebuild	Victoria/Victoria	Rebuild 69 KV line from N. Victoria to Lawndale Avenue	9/17/2012	3/31/2013	04/01/13		\$3,175,400		100	69		1.68	795ACSS	Single Pole Steel	centerline				Sub Rule 25.101 (c)(5)(B)	Consent obtained where some easement modification required for rebuild
41533052b	Magruder to E Polk Ave Rebuild	Victoria/Victoria	Rebuild 69KV line from Magruder to E Polk Ave	9/17/2012	3/31/2013	04/01/13		\$3,675,700		100	69		1.89	795ACSS	Single Pole Steel	centerline				Sub Rule 25.101 (c)(5)(B)	Consent obtained where some easement modification required for rebuild
41867832	Rio Hondo to Ajo Reconnector	Cameron, Willacy, and Kinney	Energized reconnector of the 345 KV line using temporary work space to 1020 kmll ACCC	8/22/2012	7/15/2013			\$69,275,200			345		67.80	1020 kmll ACCC	H-Frame	150	67.80		Pursuant to Subst. Rule 25.101 (c)(5)(B)	Temporary Work Space will be used to work the line energized	
41533052c	Lawndale Ave to E Polk Ave Rebuild	Victoria/Victoria	Rebuild 69 KV line from Lawndale Ave to Polk Ave	12/1/2012	3/31/2013	04/01/13		\$195,200		100	69		0.10	795ACSS	Single Pole Steel	centerline				Sub Rule 25.101 (c)(5)(B)	Consent obtained where some easement modification required for rebuild
41843375	El Campo 138KV Bay Addition	El Campo/Wharton	Add 138KV breaker bay for LCRA new Line Termination	9/17/2012	1/31/2013	12/31/12		\$1,972,000		90	138									Sub Rule 25.83 (a) (3)	

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41831388	Coleto Creek 138 kV Sub	Goliad	Add breaker on RAT, upgrade switches, bus PT's, Station service and bus relays	3/1/2013	12/31/2013			\$4,415,000			0	138									25.83 (a) (3)	
41922024	Mockingbird Substation	Colorado	Build new 138/12 kV Mockingbird Substation	3/1/2013	10/31/2013			\$2,180,000			30		138								25.83 (a) (3)	TCC Property
41863388	Ajo to Nelson Sharpe Reconnector	Karnes, Kleberg, Nueces	Energized reconnector of the 345 kV line to 1020 kcmil ACCC	8/15/2013	2/15/2014			\$94,343,700			20	345		35.80	1020 kcmil ACCC	H-Frame	150	35.80			Pursuant to Subst. Rule 25.101 (c)(5) with the line energized	Work will be performed within existing easement with the line energized
41995950	Rendado 138kV Station Upgrade	Jim Hogg	Upgrade sub for the 80MW Manila Windfarm interconnection	5/29/2013	12/31/2013			\$1,056,200			0	138									25.83 (a) (3)	
41991105	Sandero 138kV Station	Jim Hogg	Install DME, RTU and SDR	5/29/2013	12/31/2013			\$483,801			0	138									25.83 (a) (3)	
41997933	S. A. College Hills West	San Angelo/Tom Green	Replace all MDARS relay and assoc. panels	5/1/2013	12/31/2013			\$995,200			0	69									25.83 (a) (3)	
41859435	Big Foot Station	Frio	Construct 138kV ring bus, new control building, RTU and relays.	8/5/2013	6/31/2014			\$5,308,000			0	138/69									25.83 (a) (3)	
42013896	Karnes City Substation	Karnes	Construct new 138/12kV substation	7/20/2013	1/31/2014			\$4,553,000			0	138									25.83 (a) (3)	Property Purchased
41533181	Leary Lane Upgrades	Victoria/Victoria	Upgrade transformer relaying and RTU	7/8/2013	12/31/2013			\$1,280,000				69									25.83 (a) (3)	
37388	Welsh HVDC TCC	Titus	Expand 345 kV station yard, install new bus, control building, relays and station equipment.	7/23/2013	3/1/2015			\$10,058,000			0	345									25.83 (a) (3)	Phase 1 only. Phase 2 will be submitted separately. Property Purchased
41934979	Citrus City Substation	Hidalgo County	Install 138/12 kV Transformer #2 (FERC T)	06/24/13	10/23/13			\$ 463,616			5%	138/12									25.83 (a) (3)	Upgrades to transmission assets required to support distribution project.
41963587	Lon Hill to Calallen 69 kV Reconnector and Rebuild	Nueces	Rebuild and reconnector 69 kV line from Lon Hill to Calallen	9/9/2013	9/31/2014			\$3,145,576			0	69		2.10	1533.3 ACBRTW single pole, H-frame	steel & centerline	2.10				25.10(c)(5)(B)	No new ROW required.
41963653	Lon Hill Station Upgrade	Nueces	Lon Hill Station Upgrade (for Calallen to Robstown Rebuild)	9/9/2013	9/31/2014			\$422,183			0	69									25.83(a)(3)	Located on existing TCC Property
41891161 41891172	Lon Hill to City of Robstown 69 kV Reconnector and Rebuild	Nueces	Rebuild and reconnector 69 kV line from Lon Hill to City of Robstown Substation	9/9/2013	10/30/2014			\$6,224,495			0	69		4.58	1533.3 ACBRTW single pole, H-frame	steel & centerline	4.58				25.10(c)(5)(B)	No new ROW required
41963653	Lon Hill Station Protection Upgrades (for Calallen to Robstown Rebuild)	Nueces	Upgrade Relay / Protection. Replace wave trip jumpers, and switches.	9/9/2013	10/30/2014			\$377,530			0	69									25.83(a)(3)	Located on existing TCC Property

Teri L Walker
440 West 13th St, Suite 1300
San Antonio, TX 78202
terilw@aep.com

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