



Control Number: 41089



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AEP Texas Central Company
CONSTRUCTION PROGRESS REPORT for
SEPTEMBER 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 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
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 27/7. The new line will be bundled 795 ACSR with OPGW on new steel single pole structures.	8/15/2005	12/31/2005	12/15/2005	\$ 16,510,075			100	138	138	10.1	Bundled 795 ACSR	Steel single pole	Centerline Defined				Pursuant to Subst. Rule 25.101 (c)(5) (B)	
40538212	El Gato to Goole 138 KV	Hidalgo County	Construct approximately 5 miles of 138 KV line in pre-existing corridor of the line double circuit portion of the line.	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 Tract 138 KV Add OPGW	Nueces County, Texas	Install 48 fiber OPGW for a 3.6-mile section of the Clipo 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 26/7	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 line to connect new Topaz Generator 9 to Nueces Bay 138KV Substation via the Gila 138KV Substation site.	05/01/09	08/07/09		\$1,478,000							2-795 kmil 26/7 ACSR/ALW, 1-1590 kmil 45/7 ACSR/ALW	Steel Monopole			100	0.14	25.101 (c) (5) (A)	Written Consent obtained with new ROW
41254414	Well Tract - Valero Cantwell 138KV - Add OPGW	Corpus Christi, Nueces County	Replace the existing sheldrive with 48 fiber OPGW for a 3.6-mile section of the Clipo North Oak Park - Lon Hill 138 KV line from Well Tract Substation to Valero Cantwell Substation.	10/05/09	10/30/09		\$454,000				138		3.60	2-795 kmil 26/7 ACSR	Steel Monopole	Centerline Defined				Sub Rule 25.83 (a) (3)	
41234177	Joslin to Nueces 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 Formosa.
41234192	Joslin to Union Carbide 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 Formosa.
41235032	Joslin to Gohlke 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 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 Formosa.
41235109	Point Comfort to Carancahua	Calhoun County	Installing 5 taller structures	9/14/2009	3/31/2010	4/7/2010	\$918,300			100	69			400 ACASR	Single-pole H-Frame	50				Sub Rule 25.101(c)(5)(B)	No new ROW required 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) (3)	
41473417	Build new Ollon Area Telecom Tower	Webb	Installation of new Telecom Tower at La Quinta Site	4/1/2011	4/30/2012	5/24/2012	\$844,000			100										Sub Rule 25.83 (a) (3)	
41533047	Magruder-Thomaston 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 8 / 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	4/30/2011		\$783,397			0	69		0.2	795 ACSR	Single-pole steel	centerline				Sub Rule 25.101(c)(5)(B)	No new ROW required

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41577460	Alazan 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	Lerary Line 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)	
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	785 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		99										Sub Rule 25.83 (a) (3)	No new ROW required
41858188	Dille Station Breaker Replacement	Dille/Frio County	Replace 69kV CB 5600	11/1/2012	12/31/2012			\$495,000		99	69									Sub Rule 25.83 (a) (3)	No new ROW required
41858217	Dille Station RTU Replacement	Dille/Frio County	Replace Legacy RTU	11/1/2012	12/31/2012			\$337,500		99										Sub Rule 25.83 (a) (3)	No new ROW required
41858229	East Harrison Relay Upgrades	Hallinger/Cameron County	Replace EM relays on CB 4130	11/15/2012	12/31/2012			\$411,700		99										Sub Rule 25.83 (a) (3)	No new ROW required
41858245	Military Highway Relay Upgrade	Brownsville/Cameron County	Replace Mdar relay & assoc panel to standard (CB 45)	11/15/2012	12/31/2012			\$598,800		95	138		0.25	795 ACSR Bundled	steel			190	0.25	Sub Rule 25.101 (c)(5)(A)	Cut-in on TPCO property Easement and consent acquired.
41817969	TPCO Cut-In Phase 1	Uvalde	Construct 138kV cut-in for TPCO finishing plant.	9/3/2012	11/31/2012			\$5,667,000		100		69								Sub Rule 25.83 (a) (3)	Located on existing TCC Property
41718752	Lone Tree Substation	Victoria/Victoria	Build new 69/12kV Substation	4/30/2012	10/31/2012	09/14/12		\$1,858,000		100	69									Sub Rule 25.83 (a) (3)	
41533187	N Victoria Substation Upgrades	Victoria/Victoria	Upgrade substation, relaying and RTU	6/11/2012	3/31/2013	12/19/12		\$911,000		99	69		0.39	795 ACSR	Double Circuit single Pole Steel			100	0.19	Sub Rule 25.101 (c)(5)(A)	Consent obtained where some easement modification required for rebuild
41726228	Lone Tree Harpin	Victoria/Victoria	CUA Victoria to Lerary Lane 69 kV Transmission and Lone Tree Substation	8/16/2012	10/31/2012	08/31/12		\$3,178,400		100	69		1.68	795 ACSR	Single Pole Steel	centerline				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		\$3,575,700		100	69		1.89	795 ACSR	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															

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41867832	Rio Hondo to Ajo Reconnector	Cameron, Willacy, and Kennedy	Energized reconductor of the 345 kV line using temporary work space to 1020 kcmil ACCC	9/22/2012	7/15/2013			\$69,276,200			345		67.80	1020 kcmil ACCC	H-Frame	150	67.80			Pursuant to Sub Rule 25.101 (c)(5) (B)	Temporary Work Space will be used to work the line energized
4153052c	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		\$185,200		100	69		0.10	795ACSS	Single Pole Steel	centerline	0.10			Pursuant to 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)	
41831368	Coloate Creek 138 kV Sub	Gold	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									Sub Rule 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								Sub Rule 25.83 (a) (3)	TCC Property
41863388	Ajo to Nelson Sharpe Reconnector	Kennedy, Kleberg, Nueces	Energized reconductor of the 345 kV line to 1020 kcmil ACCC	8/15/2013	2/15/2014			\$34,343,700		20	345		35.80	1020 kcmil ACCC	H-Frame	150	35.80			Pursuant to Sub Rule 25.101 (c)(5) (B)	Work will be performed within existing easement with the line energized
41955550	Rendado 138kV Station Upgrade	Jim Hogg	Upgrade sub for the 80MW Manila Windfarm interconnection	5/28/2013	2/28/2014			\$1,055,200		0	138									Sub Rule 25.83 (a) (3)	
41991105	Sendero 138kV Station	Jim Hogg	Install DME, RTU and SDR	5/28/2013	2/28/2014			\$483,801		0	138									Sub Rule 25.83 (a) (3)	Property Purchased
41859435	Big Foot Station	Frio	Construct 138kV ring bus, new control building, RTU and relays	8/5/2013	6/31/2014			\$5,308,000		10	138/69									Sub Rule 25.83 (a) (3)	
42013896	Karnes City Substation	Karnes	Construct new 138/12kV substation	7/20/2013	1/31/2014			\$4,553,000		25	138									Sub Rule 25.83 (a) (3)	
41533181	Leary Lane Upgrades	Victoria/Victoria	Upgrade transformer relaying and RTU	7/8/2013	12/31/2013			\$1,250,000			69									Sub Rule 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			\$10,056,000		10	345									Sub Rule 25.83 (a) (3)	Phase 1 only Phase 2 will be initiated separately. Property Purchased
41924979	Citrus City Substation	Hidalgo County	Install 138/12 kV Transformer #2 (FERC T)	06/24/13	10/23/13			\$ 463,616		0	138/12									Sub Rule 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 reconductor 69 kV line from Lon Hill to Calallen	10/7/2013	2/28/2014			\$3,145,576		0	69		2.10	1533.3 ACBRTW	steel pole & H-frame	centerline	2.10			Sub Rule 25.101(c)(5) (B)	No new ROW required

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41963653	Lon Hill Station Upgrade	Nueces	Lon Hill Station Upgrade (for Calallen to Robstown Rebuild)	11/4/2013	2/28/2014			\$422,183		0	69									Sub Rule 25.83(e)(3)	Located on existing TCC Property
41991161 41991172	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	11/4/2013	6/30/2014			\$6,224,465		0	69		4.58	1X13.3 ACBRTW	steel pole frame	centerline	4.58			Sub Rule 25.101(c)(5)(B)	No new ROW required
41963653	Lon Hill Station Protection Upgrades (for Calallen to Robstown Rebuild)	Nueces	Upgrade relay / Protection. Replace wave trap / jumpers, and switches.	2/17/2014	6/30/2014			\$377,530		0	69									Sub Rule 25.83(e)(3)	Located on existing TCC Property
41963417	Nelson Sharpe	Nueces	Upgrade bus relaying and terminals for Lon Hill and Ajo 345 kV lines to 4000A	9/10/2013	3/3/2016			\$4,350,000		0	345									Sub Rule 25.83(e)(3)	Located on existing TCC Property
41998434	Nelson Sharpe	Nueces	Add 345kV line terminal for wind farm connection	9/10/2013	12/31/2014			\$2,536,000		0	345									Sub Rule 25.83(e)(3)	Located on existing TCC Property
41963411	Lon Hill Upgrades	Nueces	Upgrade bus relaying and terminals for Nelson Sharpe and North Edinburg 345 kV lines to 4000A	11/11/2013	4/29/2016			\$16,164,000		0	345									Sub Rule 25.83(e)(3)	Located on existing TCC Property
41993861	BP Chemical	Calhoun	Replace relays on Carbide line and bus #2	9/30/2013	12/31/2013			\$439,000		0	138									Sub Rule 25.83(e)(3)	
41993864	BP Chemical	Calhoun	Replace relays on Air Liquide line and bus #1	9/30/2013	12/31/2013			\$466,000		0	138									Sub Rule 25.83(e)(3)	
41993867	Air Liquide	Victoria	Replace relays on BP Chemical line and bus #1	9/30/2013	12/31/2013			\$470,000		0	138									Sub Rule 25.83(e)(3)	
41963869	Air Liquide	Victoria	Replace relays on Dupont line and bus #2	9/30/2013	12/31/2013			\$451,000		0	138									Sub Rule 25.83(e)(3)	
41922849	Victoria to Edna	Jackson	Raise line for STEC crossing	9/30/2013	12/31/2013			\$816,200		0	138					centerline				Sub Rule 25.101(c)(5)(B)	No new easment needed.
42036498	University	Webb	Transmission substation upgrades for Distribution Bus	7/29/2013	6/1/2014			\$1,163,600		0	138									Sub Rule 25.83(e)(3)	
42018015	Karnes City Substation Harpin	Karnes	Construct new 138kV Harpin into Karnes City Substation	11/6/2013	1/31/2014			\$157,000		0	138		0.30	795 ACSR	steel single pole	centerline	0.15			Sub Rule 25.101(c)(5)(A)	Harpin will be constructed on AEP property