



Control Number: 41089



Item Number: 114

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AEP Texas Central Company
CONSTRUCTION PROGRESS REPORT for
MAY 2013

Public Utility Commission of Texas
Project No. 41089

UNIRV's Project Number	Project Name	Location (City/County)	Description	Estimated for 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
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	12/16/2005		\$ 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 Gode 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 Canwell - Well Tract 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 Canwell 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 Topatz Generator 9 to Nueces Bay 138kV Substation via the Gila 138kV Substation site.	05/01/09	08/07/09			\$1,476,000				138	138	0.16	2-795 kcmil ACSR/ALW, 1-1590 kcmil ACSR/ALW	Steel Monopole			100	0.14		Written Consent obtained with new ROW
41254414	Well Tract - Valero Canwell 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	2-795 kcmil ACSR 26/7	Steel Monopole	Centerline Defined	3.60				Sub Rule 25.83 (a) (3)
41234177	Joalin to Alcoa 138kV line	Calhoun County	Installing 7 taller structures for transmission line crossing by Formosa to Alcoa transmission line.	8/3/2009	3/31/2010	11/15/2009		\$1,551,900			100	138	138		1590 ACSR	Single pole steel	100					Sub Rule 25.101(c)(9) (B)
41234192	Joalin 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	138		795 ACSR	Single-pole steel	100					Sub Rule 25.101(c)(9) (B)
41235032	Joalin to Gerhike 138kV line	Calhoun County	Installing 7 taller structures	9/14/2009	3/31/2010	3/6/2010		\$1,382,100			100	138	138		795 ACSR	Single-pole steel	100					Sub Rule 25.101(c)(9) (B)
41235102	Joalin to Formosa 138kV line	Calhoun County	Installing 7 taller structures	9/14/2009	3/31/2010	3/29/2010		\$1,374,900			100	138	138		795 ACSR	Single-pole steel	100					Sub Rule 25.101(c)(9) (B)
41235109	Point Comfort to Caramacua	Calhoun County	Installing 5 taller structures	9/14/2009	3/31/2010	4/7/2010		\$918,300			100	69	69		40 ACSR	Single-pole H-frame	50					Sub Rule 25.101(c)(9) (B)
41350137	Formosa Substation	Calhoun County	Install 2 CTs SDR & RTU	7/1/2009	7/1/2010			\$342,000			100	138										Sub Rule 25.83 (a) (3)
41473417	Build new Oilon 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- 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	138		795 ACSR	Single-pole steel	centerline					Sub Rule 25.83 (a) (3)
41274286	Gila / Uppsher 138 kV Line	Nueces	Relocate Uppsher / Nueces Bay Line into Gila Sub - Temp & Perm. Work	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)
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	69	3.6	795 ACSR	Single-pole steel	centerline					Sub Rule 25.101(c)(9) (B)
41493615	Valero East / Valero West	Nueces	69 kV Line - Rebuild/Reconductor Line (0.15 mi)	1/15/2011	4/20/2011			\$783,397			0	69	69	0.2	795 ACSR	Single-pole steel	centerline					Sub Rule 25.101(c)(9) (B)
41577460	Alazan Substation	Kleberg	Transmission substation upgrades for Distribution Bus	1/15/2011	3/30/2011			\$720,000			0	138					centerline					Sub Rule 25.83 (a) (3)
41526559	N. Victoria Junction to Foster Field Tap.	Victoria	Replace 3.0 miles of existing shield wire with OPGW	9/19/2011	12/31/2011	10/20/2011		\$398,900			100	69		3								Sub Rule 25.83 (a) (3)

Teri L. Walker
400 West 19th St. Suite 1500
Victoria, Texas 77901
twalker@atp.com

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**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 (Contractual Completion)	Date Energized or Approximate Date	Initial Estimated Budget 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
41532962	Lone Tree to Fort 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)	
41532966	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 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.
41546967	Uvalde Substation	Uvalde	Upgrade 138KV bus and relays. Add new terminal for 138KV Castrolville line.	11/28/2011	1/16/2013	1/16/2013		\$6,146,000	5,699,800	-7%	100	138									Sub Rule 25.83 (a) (3)	
41777432	North Edinburg Station Service Upgrade	Edinburg/Cameron County	Upgrade Station Service for 345 KV Control Bldg	8/11/2012	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	Hearlingen/Cameron County	Replace EM relays on CB 4130	11/15/2012	12/31/2012			\$569,400			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.
41817989	TPCO Cut-in Phase 1	Uvalde	Construct 138KV cut-in for TPCO finishing plant.	9/3/2012	11/31/2012			\$598,800			95	138	0.25		795 ACSS Bundled	steel			190	0.25	Sub Rule 25.83 (a) (3)	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		\$5,687,000			99	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			\$1,658,000			40	69									Sub Rule 25.83 (a) (3)	Located on existing TCC Property
41726228	Lone Tree Hairpin	Victoria/Victoria	Cut Victoria to Leary Lane 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	0.19	Sub Rule 25.101 (c) (5) (B)	Consent obtained where 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			\$3,178,400			0	69	1.68		795ACSS	Single Pole Steel	centerline	1.68			Sub Rule 25.101 (c) (5) (B)	Consent obtained where 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			\$3,575,700			0	69	1.89		795ACSS	Single Pole Steel	centerline	1.89			Sub Rule 25.101 (c) (5) (B)	Consent obtained where modification required for rebuild
41867832	Rio Hondo to Ajo Reconductor	Cameron, Wilacy, and Kennedy	Energized reconductor of the 345 KV line using temporary work space to 1020 kmil ACCC	9/22/2012	7/15/2013			\$99,276,200				345		67.80	1020 kmil ACCC	H-Frame	150	67.80			Sub 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			\$195,200			0	69	0.10		795ACSS	Single Pole Steel	centerline	0.10			Sub Rule 25.101 (c) (5) (B)	Consent obtained where some easement modification required for rebuild

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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	Coleto Creek 138 kV Sub	Gold	Add breaker on RAT, upgrade switches, bus P's, Station service and bus relays	3/1/2013	12/31/2013			\$4,415,000			0	138									Sub Rule 25.83 (a) (3)	
41922024	Moddingbird Substation	Colorado	Build new 138/12 kV Moddingbird Substation	3/1/2013	10/31/2013			\$2,180,000			0		138								Sub Rule 25.83 (a) (3)	TCC Property
41963398	Alto In Nelson Sharps Reconductor	Kennedy, Kibbaza, Nueces	Energized reconductor of the 345 kV line to 1020 kcmil ACCC	8/15/2013	2/15/2014			\$34,343,700				345		35.80	1020 kcmil ACCC	H-Frame	150	35.80			Pursuant to Subrule 25.101 (c)(5) (B)	Work will be performed within existing easement with the line energized