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Entergy Texas, Inc.
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
August 2009

Public Utility Commission of Texas
Project No. 36487

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
TL4433	Johnstown-Porter Construct New 230kV Transmission Line	Montgomery County, TX	Construct 4.9 miles of single pole double circuit designed 230kV transmission line from Porter Substation to the new Johnstown Substation.	05/15/09	07/22/09	07/24/09	5,332,055				100%	na	230	9.8	Bundled 954 ACSR	Concrete or Steel	na	na	100	4.9	29420	Working on final costs.
TL9965	Port Acres Bulk to Keith Lake 230kV Transmission Line Project	Jefferson County, Texas	Construct new 230Kv double circuit transmission line fron the existing Port Acres Bulk Substation to the new Keith Lake Substation at the new Golden Pass LNG Facility	04/08/08	07/30/08	07/30/08	21,690,000	21,990,000	31,721,994	44.0%	100%	na	230	22.4	666 ACSR	Single Pole & H-Frame Double Circuit	na	na	100	11.2	31198	This project is 100% reinbursable by the customer, Golden Pass LNG. Please see the attached documents for cost analysis and variance explanation.
TL5400	Proposed Merlin Substation to L-17 138kV Transmission Line	Orange County, Texas	Construct new 138kV single pole double circuit transmission line from the new proposed Merlin Substation to the existing line 17	03/01/09	na	na	3,142,673					na	138	2.6	Bundled 666 ACSR	Single Pole Steel & Concrete	na	na	100	2.6	31241	This project is on hold.The load projections have not increased as indicated by the models prior to hurricane Rita.
TL8908	Rebuild 69kV Line 98 from Nitro Substation to South Beaumont Substation	Jefferson County, Texas	Rebuild approximately 3.05 miles of 69kV Line 98 from Nitro Substation to South Beaumont Substation.	08/30/08	08/20/08	08/20/09	3,076,225				100%	69	na	na	954 ACSR	Concrete	50	3.17	na	na	25.101(c)(5)(B)(i)	Working on final costs.
TL5564	69kV Line 564 Cut-in to Teppco Substation	Jefferson County, Texas	Construct Cut-in of 69kv Line 564 to new customer owned substation.	10/01/08	08/12/09	08/18/09	321,766				100%	69	na	0.2	954 ACSR	Steel	50	6.05	100	0.2	25.101(c)(5)(A)(i)(ii)	Substation is energized, customer is still working on their equipment. Working on final costs.
TL8873	Provide service to new 230kV customer requested substation, Gulfway	Jefferson/ Orange County, Texas	Double circuit exting structures (approximately 6 miles) and construct 230kV turn-in (approximately .6 miles) to new customer requested substation.	05/01/09	08/18/09	na		6,737,344			95%	230	na	6.6	Bundled 649.5 ACAR/ 1272 ACSS	Steel and/or concrete	?	6.05	150	0.6	25.101(c)(5)(C)(i)	Will be completed in September due to outage constraints
TL4428	Provide service to new 230kV customer requested substation, Gulfway	Orange County, Texas	Relocate line on existing Entergy property to provide open position for new line.	05/01/09	08/01/09	n/a		1,535,004			99%	230	na	0.0	Bundled 649.5 ACSR	Steel and/or concrete	na		na	na	25.101(c)(5)(B)(i)	Buss at customer owned Gulfway Sub scheduled to be energized 7-15-09.
TL4496	Provide service to new 230kV customer requested substation, Gulfway	Orange County, Texas	Relocate line to new bay at Sabine Substation.	05/11/09	07/10/09	na		78,531			95%	230	na	0.1	Bundled 649.5 ACSR	Steel and/or concrete	na		na	na	25.101(c)(5)(B)(i)	Will be completed in September due to outage constraints
TL5499	Provide service to new 230kV customer requested substation, Gulfway	Jefferson County, Texas	Construct 230kV turn-in to new customer requested substation.	05/01/09	07/10/09	na		1,980,841			99%	230	na	0.6	1272 ACSS	Steel and/or concrete	na		150	0.6	25.101(c)(5)(A)(i)(ii)	Buss at customer owned Gulfway Sub scheduled to be energized 7-15-09.
TL7197	Provide service to new 230kV customer requested substation, Gulfway	Jefferson County, Texas	Construct 230kV turn-in to new customer requested substation.	05/01/09	07/10/09	na		1,582,944			99%	230	na	0.6	1272 ACSS	Steel and/or concrete	na		150	0.6	25.101(c)(5)(A)(i)(ii)	Buss at customer owned Gulfway Sub scheduled to be energized 7-15-09.
TL2950	Provide service to new 138kV customer requested substation, Pelican Road	San Jacinto County, Texas	Construct 138kV turn-in to new customer requested substation.	05/06/09	08/01/09	08/17/09		1,041,185			100%	138	na	0.1	1272 ACSR	Steel	na		150	0.1	25.101(c)(5)(A)(i)(ii)	Working on final costs.
TL4967	L-89 Rebuild (Hardening Design)	Chamber & Galveston, Counties	Rebuild 69kV L-89 destroyed by Hurricane Ike	05/01/09	na	na		20,448,017			70%	69	na	18.00	666 ACSR	Steel	50 to 150	18.00			25.101(c)(5)(B)(i)(II)	Work is proceeding on schedule
TL8275	L-820 Raise for Hwy 242 Flyover	Montgomery County, TX	Raise line for clearance over new entrance and exit ramps for Hwy 242 near the Woodlands	10/21/09	na	na	2,173,390	2,173,390				138	na	0.30	2-666 ACSR	Steel	50	1.72	na	na	25.101(c)(5)(F)(i)(ii)	Installing 7 poles and removing 9 poles
TL5591	L-591 Upgrade	Jefferson County, TX	Reconductor to Upgrade line rating to 1956 Amps for Motiva	12/07/09	na	na	5,212,110	5,103,192				230	na	4.70	1272 ACSS	Steel	100 to 210	4.70	na	na	25.101(c)(5)(B)(i)(II)	Replacing 28 Structures. Remainder of structures were replaced after Hurricane Rita. This work will be reimbursed 100% by the customer.
TL9499	L-499 Upgrade	Jefferson County, TX	Reconductor to Upgrade line rating to 1956 Amps for Valero	12/21/09	na	na	3,239,487	3,180,719				230	na	5.50	1272ACSS	Steel	110 to 150	5.50	na	na	25.101(c)(5)(B)(i)(II)	The existing steel structures will be used. New insulators and conductor will be installed. This work is 100% reimbursable by the customer
TL5532	Upgrade Mid County Substation	Jefferson County, TX	Reconductor 1 Span to Upgrade line rating to 1720 Amps for Motiva	12/07/09	na	na	42,335	114,999				230	na	0.10	2-649 ACAR	na	na	na	na	na	25.101(c)(5)(B)(i)(II)	Replacing 1 span of conductor to match existing line

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CCN Docket: 31198
Golden Pass LNG
Variance Explanation

Transmission Line

1. ROW – (-64% variance) approximately 5.33 miles (~46%) of the easement were granted to Entergy without charge to the project; 4.5 miles by SEMPRA and 0.83 miles by GP LNG. The other industrial landowners sought reasonable amounts for the easements but did have a lot of issues with the line route which did drive up the cost of materials and construction.
2. Materials and Supplies – (+182% variance) the design for the original estimate was based on a route which followed existing roads and accessible locations. Concerns were also expressed concerning what contaminants might be in the ground from previous uses of the property. The changes to the route which added more structures and more robust structures and the decision to use base-plated steel foundations to forego any disturbance to the soil drove up the price of the structures. Very little of the material was drawn from Stores.
3. Labor and Transportation (Utility) – (-100%) all construction work was done with contractors
4. Labor and Transportation – (+57%) the re-routing of the transmission line and the wetlands and load restrictions by industrial property owners drove up the cost. Entergy used helicopters for clearing, setting many structures and tying in the line. Other special methods, like barge mounted cranes were used to stay within the load limits.
5. Stores – (-84%) due to the size of the project and the quantities of the materials, most of the material was ordered on project-specific purchase orders.
6. Engineering and Administration (Utility) – (21%) all design work and field supervision was handled by Entergy in-house resources
7. Engineering and Administration (Contract) – (-78%) contractors were used to gather design data and for project management

Substations

1. ROW – (0%) the property for the new substation was provided by GP LNG at no charge to the project
2. Materials and Supplies – (-34%)
3. Labor and Transportation (Utility) – (-72%) construction work was contracted out
4. Labor and Transportation (Contract) – (+90%) construction work was contracted out
5. Stores - (+14%)
6. Engineering and Transportation (Utility) – (-49%) the design was contracted out
7. Engineering and Transportation (Contract) – (+173%) the design was contracted out

CCN Docket No :31198	Initial Estimated Project Cost	Final Estimated Project Cost	Final Actual Project Cost	% Variance
Transmission				
Right-of-way (Easement and Fees)	3,000,000	3,000,000	1,067,735	-64%
Materials and Supplies	4,040,000	4,040,000	11,395,118	182%
Labor and Transportation (Utility)	0	300,000	0	-100%
Labor and Transportation (Contract)	11,600,000	11,600,000	18,238,428	57%
Stores	1,440,000	1,440,000	236,317	-84%
Engineering and Administration (Utility)	440,000	440,000	531,269	21%
Engineering and Administration (Contract)	1,170,000	1,170,000	253,127	-78%
Transmission Total Cost	21,690,000	21,990,000	31,721,994	44%
Substation				
Right-of-way (Easement and Fees)	0		0	
Materials and Supplies	3,840,000		2,532,260	-34%
Labor and Transportation (Utility)	810,000		229,294	-72%
Labor and Transportation (Contract)	1,360,000		2,586,966	90%
Stores	260,000		296,537	14%
Engineering and Administration (Utility)	510,000		259,006	-49%
Engineering and Administration (Contract)	210,000		573,801	173%
Substation Total Cost	6,990,000		6,477,864	-7%