

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32570-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITENO@southernco.com



March 30, 2012

Ms. Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0850

RECEIVED-FPSC
12 APR -2 AM 9:53
COMMISSION
CLERK

120000-DT

Dear Ms. Cole:

In accordance with Rule 25-6.078, Gulf Power Company is enclosing an original and fifteen copies of its 2012 Overhead/Underground Residential Differential Cost Data and supporting work papers.

Also enclosed are an original and fifteen copies of the Company's tariff sheets listed below. A coded copy of each tariff sheet has been provided to show the changes to the existing tariff sheets.

<u>Identification</u>	<u>New Sheet</u>	<u>Old Sheet</u>
Underground	Twelfth Rev. Sheet No. 4.25	Eleventh Rev. Sheet No. 4.25
	Sixteenth Rev. Sheet No. 4.26	Fifteenth Rev. Sheet No. 4.26
	Fourth Rev. Sheet No. 4.26.1	Third Rev. Sheet No. 4.26.1
	Fourth Rev. Sheet No. 4.26.2	Third Rev. Sheet No. 4.26.2

Please return a copy of the approved tariff sheets to my attention.

Sincerely,

COM _____
APA _____
ECR _____
GCL _____
RAD _____
SRC _____
ADM _____
OPC _____
CLK _____

Susan Ritenour (LRD)

wb 14

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Enclosures

cc: Beggs & Lane

Jeffrey A. Stone, Esq.

12 APR -2 AM 9:40

DOCUMENT NUMBER-DATE

02003 APR -2 12

FPSC-COMMISSION CLERK

120000-0T

Gulf Power Company
Overhead/Underground Residential
Differential Cost Data

Report to the
Florida Public Service Commission
April 2, 2012

Gulf Power Company

Overhead/Underground Residential Differential Cost Data

April 2, 2012

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**Gulf Power Company Submits the
Following Data On The 210 Lot
Typical Subdivision For Information Purposes Only
In Accordance With Rule 25-6.078**

Gulf Power Company
Overhead VS Underground
Summary Sheet
Cost Per Lot
210 Lot Single Family Residential

April 2, 2012

Item	Overhead	Underground	Differential
Labor	\$ 1,086	\$ 1,323	\$ 237
Material	615	935	320
Sub Total	1,701	2,258	557
Operating Cost	509	379	(130)
Total	\$ 2,210	\$ 2,637	\$ 427

**Gulf Power Company
Cost Per Lot
Overhead Material And Labor
210 Lot Single Family Residential**

April 2, 2012

Item	Material	Labor (3)	Total
Service (1)	\$ 55	\$ 63	\$ 118
Primary	30	39	69
Secondary	14	9	23
Initial Tree Trim		157	157
Poles	148	227	375
Transformers (2)	356	221	577
Subtotal	603	716	1,319
Stores Handling	12		12
Subtotal	615	716	1,331
Engineering & Staff (4)		370	370
Sub Total	615	1,086	1,701
Operating Expense (5)			509
Total			\$ 2,210

(1) Includes Meter

(2) Includes Ground Rods, Arresters and Cutouts

(3) Includes Administrative, General Expenses, and Transportation

(4) 42.0% of All Material & Labor (Less Meters and Transformers)

(5) 14,685 Conductor Ft. divided by 210 Lots times Total Overhead Lines
Operating Multiplier of 7.28062 which is calculated on page 15a.

**Gulf Power Company
Cost Per Lot
Underground Material And Labor
210 Lot Single Family Residential**

April 2, 2012

Item	Material	Labor (3)	Total
Service (1)	\$ 137	\$ 204	\$ 341
Primary	188	165	353
Secondary	106	90	196
Transformers (2)	485	105	590
T&I 1 duct		90	90
T&I 2 ducts		28	28
T&I 3 ducts		5	5
Service Trenching		150	150
Subtotal	916	837	1,753
Stores Handling	19		19
Subtotal	935	837	1,772
Engineering & Staff (4)		486	486
SubTotal	935	1,323	2,258
Operating Expense (5)			379
Total			\$ 2,637

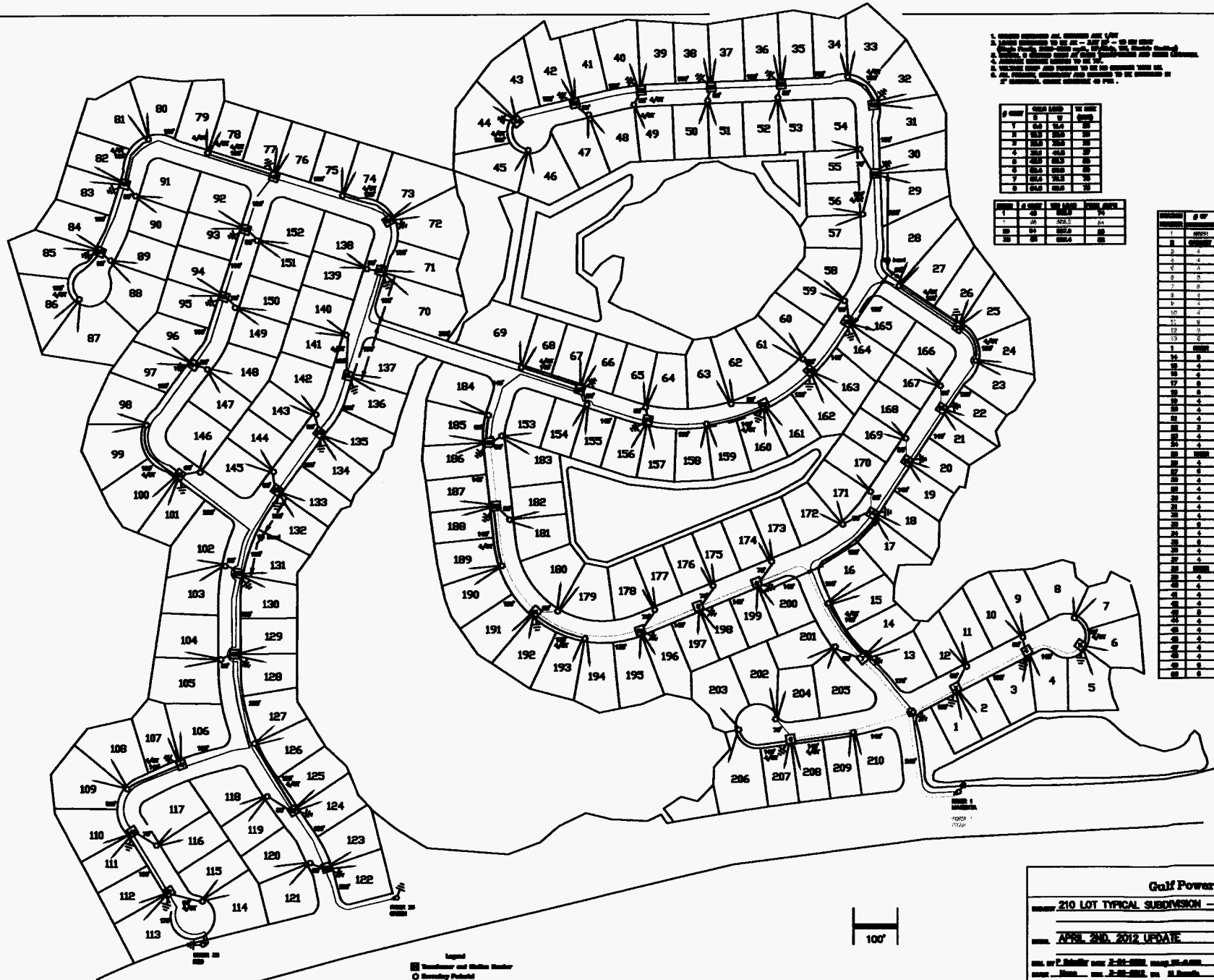
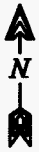
(1) Includes Meter

(2) Includes Ground Rods, Arresters and Cutouts

(3) Includes Administrative, General Expenses, and Transportation

(4) 42.0% of All Material & Labor (Less Meters and Transformers)

(5) 12,405 Conductor Ft. divided by 210 Lots times Total Underground Lines
Operating Multiplier of 6.41737 which is calculated on page 15b.



1. ALL DIMENSIONS ARE IN FEET AND INCHES.
2. ALL DIMENSIONS TO BE AS SHOWN UNLESS OTHERWISE NOTED.
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Legend
 [Symbol] Boundary and Utility Marker
 [Symbol] Boundary Pointed
 [Symbol] New Phase Sublot



Gulf Power

210 LOT TYPICAL SUBMISSION - UG

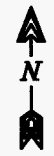
APRIL 2ND, 2012 UPDATE

REV. BY P. BISHOP DATE: 2-20-2012, DRAWN BY: J. BISHOP
 REV. BY: J. BISHOP DATE: 2-20-2012, REV. BY: J. BISHOP

1 of 1 210 UG 2012 v1.dwg

FOR RECORD PURPOSES, THE TOTAL NUMBER OF LOTS IN THIS SUBDIVISION IS 210. THE TOTAL NUMBER OF LOTS SHOWN ON THIS PLAN IS 210. THE TOTAL NUMBER OF LOTS SHOWN ON THIS PLAN IS 210. THE TOTAL NUMBER OF LOTS SHOWN ON THIS PLAN IS 210.

Lot No.	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100



Lot No.	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)	Area (sq. ft.)
1	100	100	100	100
2	100	100	100	100
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203	100	100	100	100
204	100	100	100	100
205	100	100	100	100
206	100	100	100	100
207	100	100	100	100
208	100	100	100	100
209	100	100	100	100
210	100	100	100	100

Page 8



- 1. Boundary and Utility Marker
- 2. Lot Area
- 3. Utility Line
- 4. New Street Center
- 5. Old Street



Gulf Power

210 LOT TYPICAL SUBDIVISION - 041

DATE: APRIL 2012 UPDATE

DATE: APRIL 2012 UPDATE

DATE: APRIL 2012 UPDATE

DATE: APRIL 2012 UPDATE

DATE: APRIL 2012 UPDATE

**Gulf Power Company Submits the
Following Data On The 176 Lot
Typical Subdivision For Information Purposes Only
In Accordance With Rule 25-6.078**

Gulf Power Company
Overhead VS Underground
Summary Sheet
Cost Per Lot
176 Lot Single Family Residential

April 2, 2012

Item	Overhead	Underground	Differential
Labor	\$ 819	\$ 1,086	\$ 267
Material	506	717	211
Sub Total	1,325	1,803	478
Operating Cost	258	238	(20)
Total	\$ 1,583	\$ 2,041	\$ 458

**Gulf Power Company
Cost Per Lot
Overhead Material And Labor
176 Lot Single Family Residential**

April 2, 2012

Item	Material	Labor (3)	Total
Service (1)	\$ 39	\$ 48	\$ 87
Primary	15	22	37
Secondary	15	11	26
Initial Tree Trim		100	100
Poles	113	171	284
Transformers (2)	315	189	504
 Subtotal	 497	 541	 1,038
Stores Handling	9		9
 Subtotal	 506	 541	 1,047
Engineering & Staff (4)		278	278
 Sub Total	 506	 819	 1,325
 Operating Expense (5)			 258
 Total			 \$ 1,583

(1) Includes Meter

(2) Includes Ground Rods, Arresters and Cutouts

(3) Includes Administrative, General Expenses, and Transportation

(4) 42.0% of All Material & Labor (Less Meters and Transformers)

(5) 6,235 Conductor Ft. divided by 176 Lots times Total Overhead Lines
Operating Multiplier of 7.28062 which is calculated on page 15a.

**Gulf Power Company
Cost Per Lot
Underground Material And Labor
176 Lot Single Family Residential**

April 2, 2012

Item	Material	Labor (3)	Total
Service (1)	\$ 105	\$ 177	\$ 282
Primary	117	103	220
Secondary	131	109	240
Transformers (2)	349	61	410
T&I 1 duct		49	49
T&I 2 ducts		34	34
T&I 3 ducts		3	3
T&I 4 ducts		1	1
Service Trenching		150	150
Subtotal	702	687	1,389
Stores Handling	15		15
Subtotal	717	687	1,404
Engineering & Staff (4)		399	399
SubTotal	717	1,086	1,803
Operating Expense (5)			238
Total			\$ 2,041

(1) Includes Meter

(2) Includes Ground Rods, Arresters and Cutouts

(3) Includes Administrative, General Expenses, and Transportation

(4) 42.0% of All Material & Labor (Less Meters and Transformers)

(5) 6,528 Conductor Ft. divided by 176 Lots times Total Underground Lines
Operating Multiplier of 6.41737 which is calculated on page 15b.

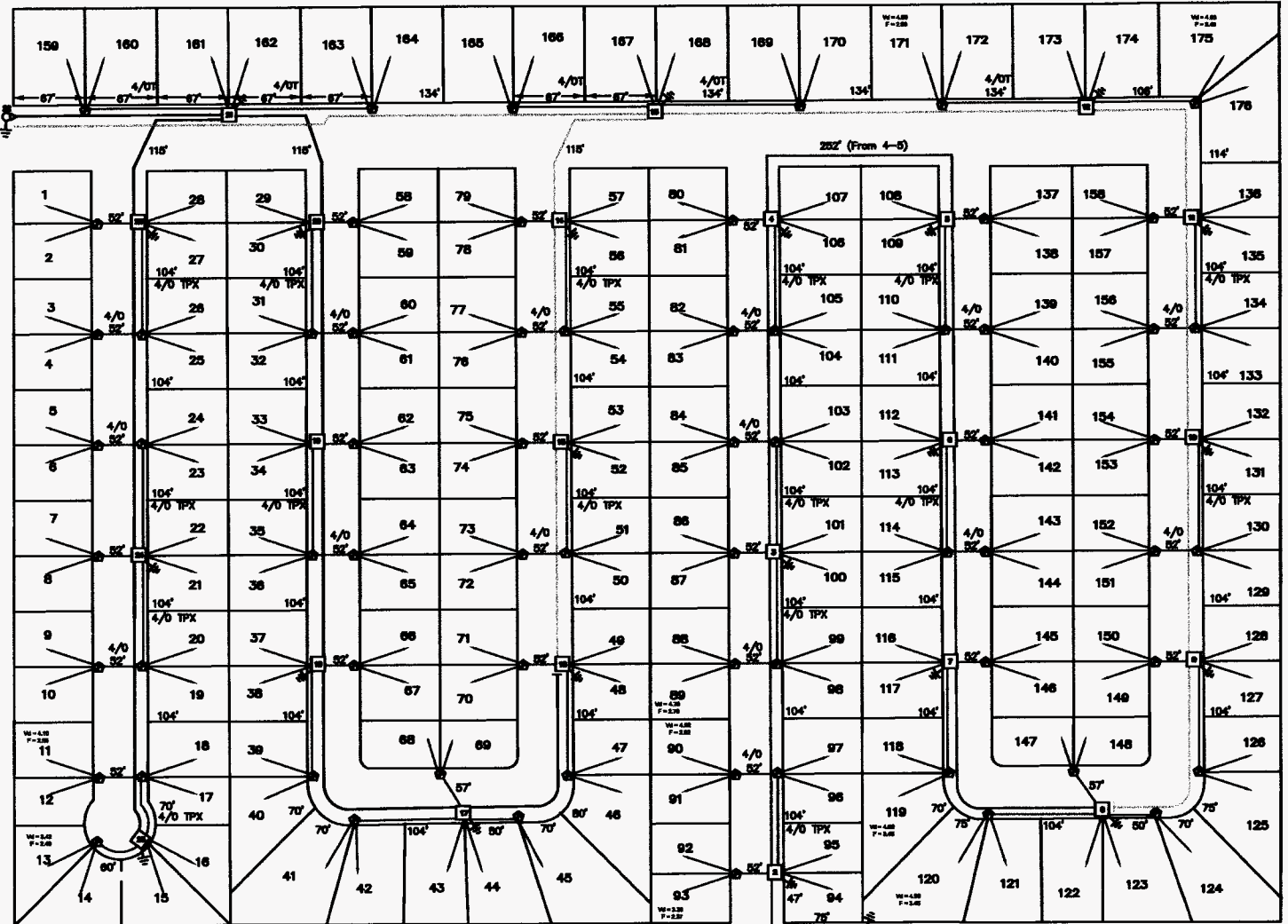
# CUST	CALC LOAD	TX SIZE	
S	W	(KVA)	
1	7.2	10.3	25
2	14.0	20.6	25
3	20.5	30.6	25
4	26.7	40.6	37.5
5	32.5	50.4	37.5
6	38.1	60.1	50
7	43.3	69.7	50
8	48.2	79.1	75
12	64.5	115.4	100

NOTE:

1. 8 GROUND RODS NEED TO BE INSTALLED AT ALL TRANSFORMER AND FEEDER POLE LOCATIONS.
2. ALL PRIMARY AND SECONDARY TO BE INSTALLED IN 2" ELECTRICAL GRADE SCHEDULE 40 PVC.
3. ALL SECONDARY IS 1/0 TRIPLEX, UNLESS NOTED.
4. ALL PRIMARY IS 1/0 ALUMINUM, UNLESS NOTED.
5. ALL 2.5 TON HP, 20 KW SHIP HEAT, OTHER (Single Family, LE 1000 sq.ft., HP/Ship, WA, Electric Coating)
6. ALL SERVICES ARE 8" OF 1/0 TPX

ST #	# CUST	TX SIZE	PHASE
1	RESER		
2	8	75	C
3	12	100	C
4	8	75	C
5	8	75	C
6	8	75	C
7	6	50	C
8	7	50	C
9	6	50	B
10	8	75	B
11	8	75	B
12	6	50	B
13	8	80	B
14	8	75	B
15	8	75	B
16	8	50	B
17	7	50	A
18	6	80	A
19	8	75	A
20	8	75	A
21	6	50	A
22	RESER		
23	8	75	A
24	12	100	A
25	8	75	A

CABLE A
CABLE B



LEGEND

- PADMOUNT TRANSFORMER
- SECONDARY PEDESTAL

CABLE C

1" = 50'

Gulf Power

178 LOT TYPICAL SUBVISION - UC

APRIL 2ND 2012 UPDATE

178 UC 2012 v0.dwg

GULF POWER COMPANY
AVERAGE HISTORICAL OPERATING EXPENSES (2009 - 2011)

OPERATIONS & MAINTENANCE DESCRIPTION	OVERHEAD	UNDERGROUND	INDIRECT
ENGINEERING & SUPERVISION OVERHEADS			\$6,936,255
INSTALL & REMOVE OVERHEAD TRANSFORMERS	\$614,620		
OVERHEAD LINES - OTHER OPERATION EXPENSES	\$2,169,697		
INSTALL & REMOVE UNDERGROUND TRANSFORMERS		\$244,909	
UNDERGROUND LINES - OTHER OPERATION EXPENSES		\$657,209	
MISCELLANEOUS DISTRIBUTION EXPENSES			\$3,930,370
OVERHEAD LINE CLEARING	\$5,028,590		
OVERHEAD LINE MAINTENANCE	\$4,957,217		
POLE LINE INSPECTION/MAINTENANCE EXPENSES	\$953,651		
OVERHEAD STORM EXPENSE	\$675,302		
UNDERGROUND LINE MAINTENANCE		\$2,266,304	
UNDERGROUND STORM EXPENSE		\$11,298	
OVERHEAD LINE TRANSFORMER MAINTENANCE	\$704,887		
UNDERGROUND TRANSFORMER MAINTENANCE		\$66,864	
TOTAL =	\$15,103,964	\$3,246,584	\$10,866,625

Overhead Lines Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense Per Conductor Feet (\$15,103,964 / 54,189,168 = 27.873 cents/ft)	\$0.27873
O&M Annual Escalation Percent	2.30%
Discount Rate	7.07%

Calculation of Overhead Lines Operating Cost Multiplier	
Cumulative PV	\$ 251,429,289
divided by:	
Year-End 2011 System Overhead Conductor Feet	54,189,168
PV Operating Cost Factor	4.63984
Plus:	
In-Direct Operating Cost Multiplier	2.64078
Equals:	
Total Overhead Lines Operating Cost Multiplier	<u><u>7.28062</u></u>

Formulas	
Column A	
Year 1 = Overhead Operating Expenses Equals See Page 15	\$ 15,103,964
Year 2 = Year 1 \$ Nominal O&M amount x 1.023, etc.	
Column B	
$1/(1+.0707)^{(\text{Year} \# -0.5)}$	
Column C	
(Column A) x (Column B)	

	Column A	Column B	Column C
	O&M	PV	O&M
Year	\$ Nominal	Factor	\$ PV
1	15,103,964	0.966420	14,596,779
2	15,451,355	0.902606	13,946,488
3	15,806,736	0.843006	13,325,168
4	16,170,291	0.787341	12,731,528
5	16,542,208	0.735351	12,164,335
6	16,922,679	0.686795	11,622,410
7	17,311,900	0.641445	11,104,628
8	17,710,074	0.599089	10,609,914
9	18,117,406	0.559530	10,137,239
10	18,534,106	0.522584	9,685,622
11	18,960,391	0.488077	9,254,125
12	19,396,480	0.455848	8,841,851
13	19,842,599	0.425748	8,447,944
14	20,298,978	0.397635	8,071,585
15	20,765,855	0.371379	7,711,994
16	21,243,469	0.346856	7,368,422
17	21,732,069	0.323952	7,040,157
18	22,231,907	0.302561	6,726,516
19	22,743,241	0.282583	6,426,848
20	23,266,335	0.263923	6,140,530
21	23,801,461	0.246496	5,866,967
22	24,348,895	0.230220	5,605,592
23	24,908,919	0.215018	5,355,861
24	25,481,824	0.200820	5,117,256
25	26,067,906	0.187559	4,889,281
26	26,667,468	0.175175	4,671,462
27	27,280,820	0.163608	4,463,347
28	27,908,279	0.152804	4,264,504
29	28,550,169	0.142714	4,074,519
30	29,206,823	0.133291	3,892,998
31	29,878,580	0.124489	3,719,563
32	30,565,787	0.116269	3,553,856
			<u>Cumulative PV \$ 251,429,289</u>

Underground Lines Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense Per Conductor Feet (\$3,246,584 / 14,310,384 = 22.687 Cents/Ft)	\$0.22687
O&M Annual Escalation Percent	2.30%
Discount Rate	7.07%

Calculation of Underground Lines Operating Cost Multiplier	
Cumulative PV	\$ 54,044,508
divided by:	
Year-End 2011 System Underground Conductor Feet	14,310,384
PV Operating Cost Factor	3.77659
Plus:	
In-Direct Operating Cost Multiplier	2.64078
Equals:	
Total Underground Lines Operating Cost Multiplier	6.41737

Formulas	
Column A	
Year 1 = Underground Operating Expenses Equals	\$ 3,246,584
See Page 15	
Year 2 = Year 1 \$ Nominal O&M amount x 1.023, etc.	
Column B	
$1/(1+0.0707)^{(\text{Year} \# - 0.5)}$	
Column C	
(Column A) x (Column B)	

	Column A	Column B	Column C
	O&M	PV	O&M
<u>Year</u>	<u>\$ Nominal</u>	<u>Factor</u>	<u>\$ PV</u>
1	3,246,584	0.966420	3,137,565
2	3,321,255	0.902606	2,997,786
3	3,397,644	0.843006	2,864,233
4	3,475,790	0.787341	2,736,631
5	3,555,733	0.735351	2,614,713
6	3,637,515	0.686795	2,498,227
7	3,721,178	0.641445	2,386,930
8	3,806,765	0.599089	2,280,592
9	3,894,321	0.559530	2,178,991
10	3,983,890	0.522584	2,081,916
11	4,075,520	0.488077	1,989,166
12	4,169,257	0.455848	1,900,548
13	4,265,149	0.425748	1,815,878
14	4,363,248	0.397635	1,734,980
15	4,463,603	0.371379	1,657,686
16	4,566,265	0.346856	1,583,836
17	4,671,290	0.323952	1,513,276
18	4,778,729	0.302561	1,445,859
19	4,888,640	0.282583	1,381,445
20	5,001,079	0.263923	1,319,902
21	5,116,103	0.246496	1,261,100
22	5,233,774	0.230220	1,204,917
23	5,354,151	0.215018	1,151,238
24	5,477,296	0.200820	1,099,950
25	5,603,274	0.187559	1,050,947
26	5,732,149	0.175175	1,004,127
27	5,863,989	0.163608	959,393
28	5,998,860	0.152804	916,651
29	6,136,834	0.142714	875,814
30	6,277,981	0.133291	836,796
31	6,422,375	0.124489	799,517
32	6,570,090	0.116269	763,898
		Cumulative PV	\$ 54,044,508

In-Direct Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense Per Conductor Feet (\$10,866,625 / 68,499,522 = 15.864 Cents/Ft)	\$0.15864
O&M Annual Escalation Percent	2.30%
Discount Rate	7.07%

Calculation of In-Direct Operating Cost Multiplier	
Cumulative PV	\$ 180,892,102
divided by:	
Year-End 2011 System Conductor Feet	68,499,552
PV Operating Cost Factor	2.64078

Formulas	
Column A	
Year 1 = Indirect Operating Expenses Equals See Page 15	\$ 10,866,625
Year 2 = Year 1 \$ Nominal O&M amount x 1.023, etc.	
Column B	
$1/(1+.0707)^{(\text{Year}\# - 0.5)}$	
Column C	
(Column A) x (Column B)	

	Column A	Column B	Column C
	O&M	PV	O&M
<u>Year</u>	<u>\$ Nominal</u>	<u>Factor</u>	<u>\$ PV</u>
1	10,866,625	0.966420	10,501,728
2	11,116,557	0.902606	10,033,873
3	11,372,238	0.843006	9,586,861
4	11,633,800	0.787341	9,159,764
5	11,901,377	0.735351	8,751,694
6	12,175,109	0.686795	8,361,803
7	12,455,136	0.641445	7,989,282
8	12,741,604	0.599089	7,633,357
9	13,034,661	0.559530	7,293,289
10	13,334,458	0.522584	6,968,371
11	13,641,151	0.488077	6,657,928
12	13,954,898	0.455848	6,361,315
13	14,275,860	0.425748	6,077,917
14	14,604,205	0.397635	5,807,144
15	14,940,102	0.371379	5,548,434
16	15,283,724	0.346856	5,301,249
17	15,635,250	0.323952	5,065,077
18	15,994,860	0.302561	4,839,427
19	16,362,742	0.282583	4,623,829
20	16,739,085	0.263923	4,417,836
21	17,124,084	0.246496	4,221,020
22	17,517,938	0.230220	4,032,972
23	17,920,851	0.215018	3,853,302
24	18,333,030	0.200820	3,681,636
25	18,754,690	0.187559	3,517,618
26	19,186,048	0.175175	3,360,907
27	19,627,327	0.163608	3,211,178
28	20,078,755	0.152804	3,068,119
29	20,540,567	0.142714	2,931,434
30	21,013,000	0.133291	2,800,837
31	21,496,299	0.124489	2,676,059
32	21,990,714	0.116269	2,556,840
		Cumulative PV	\$ 180,892,102

**Gulf Power Company
Joint Trenching
UG Residential Distribution**

Not Applicable for Gulf

**Gulf Power Company
Year End Customers
Overhead Versus Underground
1972 - 2011**

	<u>Overhead</u>	<u>Underground</u>	<u>Total</u>
1972	150,536	6,088	156,624
1973	158,548	7,260	165,808
1974	163,310	8,432	171,742
1975	165,857	9,281	175,138
1976	170,138	10,589	180,727
1977	173,308	13,041	186,349
1978	177,427	14,124	191,551
1979	181,130	15,605	196,735
1980 (1)	181,937	23,756	205,693
1981	187,221	26,405	213,626
1982	191,692	29,481	221,173
1983	197,457	34,293	231,750
1984	203,256	42,061	245,317
1985	208,594	49,099	257,693
1986	212,725	54,005	266,730
1987	217,208	56,336	273,544
1988	220,563	59,184	279,747
1989	223,631	61,695	285,326
1990	226,880	63,569	290,449
1991	230,755	65,476	296,231
1992	236,862	68,178	305,040
1993	242,534	71,273	313,807
1994	247,576	74,070	321,646
1995	249,649	75,465	325,114
1996	254,725	80,107	334,832
1997	260,160	85,196	345,356
1998	264,133	89,839	353,972
1999	268,218	95,333	363,551
2000	271,620	98,499	370,119
2001	274,558	101,962	376,520
2002	278,223	105,700	383,923
2003	282,068	111,790	393,858
2004	287,366	119,415	406,781
2005	292,178	116,463	408,641
2006	293,224	125,668	418,892
2007	296,371	131,292	427,663
2008 (2)	262,587	165,342	427,929
2009	259,949	168,205	428,154
2010	264,033	166,625	430,658
2011	260,478	172,058	432,536

(1) The underground customers increases substantially due to an error in recording overhead and underground accounts. The problem was discovered and corrected in November 1980.

(2) Implementation of Gulf's new distribution Geographic Information System (GIS) in 2008 in response to PSC Order 06-0351-PAA-EI enabled for a more accurate estimate of the number of customers taking service overhead versus underground.

WORKPAPERS
FOR
UNDERGROUND
SERVICE
GULF POWER COMPANY

April 2, 2012

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176 Lot Typical Subdivision Reconciliation Worksheet	WP-8

Typical Subdivision
Summary of 210 Lot Subdivision
Differential Cost

(1) Option	(2) Total URD Cost Per URD Lot (\$) 210-Lot	(3) Credits for Applicants Doing & Supplying Work	(4) Credited URD Cost per Lot (\$) 210-LOT	(5) Total URD Cost (\$) 210-LOT	(6) Total Overhead Cost Per OH Lot (\$) 210-Lot	(7) Total OH Cost (\$) 210-LOT	(8) Differential Cost per Lot (\$) 210-LOT
1	\$2,637	\$0	\$2,637	\$553,770	\$2,210	\$464,100	\$427
2	\$2,637	\$171	\$2,466	\$517,860	\$2,210	\$464,100	\$256
3	\$2,637	\$272	\$2,365	\$496,650	\$2,210	\$464,100	\$155

Column:

- (1) Customer's choice of construction method
- (2) URD cost per lot as shown on Page 4
- (3) Credit to Applicant for doing a portion of the installation - see WP-4
- (4) Column 2 minus column 3
- (5) Column 4 multiplied by number of lots
- (6) OH cost per lot as shown on Page 4
- (7) Column 6 multiplied by number of lots
- (8) Column 4 minus column 6

Option	Digs Pri and Sec Trench	Installs Pri and Sec Duct	Provides Pri and Sec Duct	Digs Service Trench	Installs Service Duct	Installs Service Duct
1	Gulf	Gulf	Gulf	Gulf	Gulf	Gulf
2	Applicant	Applicant	Gulf	Gulf	Gulf	Gulf
3	Applicant	Applicant	Applicant	Gulf	Gulf	Gulf

**Typical Subdivision
 Developer Options
 210 Lot Subdivision**

Option	Digs Pri and Sec Trench	Installs Pri and Sec Duct	Provides Pri and Sec Duct	Digs Service Trench	Installs Service Duct	Provides Service Duct
1	Gulf	Gulf	Gulf	Gulf	Gulf	Gulf
2	Applicant	Applicant	Gulf	Gulf	Gulf	Gulf
3	Applicant	Applicant	Applicant	Gulf	Gulf	Gulf

Activity	Description	\$ COST/LOT 210-LOT	Total Cost (\$) 210 - Lot
A	Applicant trenches & installs primary & sec. duct	\$171	\$35,910
B	Applicant supplies primary and secondary duct	\$101	\$21,210
Total		\$272	\$57,120

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 210 - Lot	Total Price Reduction (\$) 210 - Lot
1	None	\$0	\$0
2	A	\$171	\$35,910
3	A+B	\$272	\$57,120

**Reconciliation between Underground Material and Labor
210 Lot Single Family Residential and Breakdown of Credits Worksheet**

WP-5

	Service		Primary		Secondary		Transformers		Trench & Inst. 1 Duct	Trench & Inst. 2 Duct	Trench & Inst. 3 Duct	Trench & Inst. 4 Duct	Service Trenching	Stores Handling	Engineering	Total	Activity Title (2)
	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Labor	Labor	Labor	Labor	Labor				
Meters and Transformers	0	12					485	105						2	32	\$636	
Cable - Primary & Secondary			145	161	85	88								9	190	\$678	
Cable - Services	76	188												3	104	\$371	
Trench Primary And Secondary									90	28	5				48	\$171	A
Trench Service Duct - Pri and Secondary													150		58	\$208	
Material			43		21									3		\$67	B
Labor				4		2									28	\$34	B
Material														0		\$0	
Duct Service Material	61													2		\$63	
Labor		4													26	\$30	
Total (1)	\$137	\$204	\$188	\$165	\$106	\$90	\$485	\$105	\$90	\$28	\$5	\$0	\$150	\$19	\$486	\$2,258	

Notes;
(1) Ties to Page 6.
(2) Ties to Page WP-4.

Activity A Total = \$ 171
Activity B Total = \$ 101

Typical Subdivision
Summary of 176 Lot Subdivision
Differential Cost

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Option	Total URD Cost Per URD Lot (\$) 176-Lot	Credits for Applicants Doing & Supplying Work	Credited URD Cost per Lot (\$) 176-LOT	Total URD Cost (\$) 176-LOT	Total Overhead Cost Per OH Lot (\$) 176-Lot	Total OH Cost (\$) 176-LOT	Differential Cost per Lot (\$) 176-LOT
1	\$2,041	\$0	\$2,041	\$359,216	\$1,583	\$278,608	\$458
2	\$2,041	\$120	\$1,921	\$338,096	\$1,583	\$278,608	\$338
3	\$2,041	\$200	\$1,841	\$324,016	\$1,583	\$278,608	\$258

Column:

- (1) Customer's choice of construction method
- (2) URD cost per lot as shown on Page 10
- (3) Credit to Applicant for doing a portion of the installation - see WP-7
- (4) Column 2 minus column 3
- (5) Column 4 multiplied by number of lots
- (6) OH cost per lot as shown on Page 10
- (7) Column 6 multiplied by number of lots
- (8) Column 4 minus column 6

Option	Digs Pri and Sec Trench	Installs Pri and Sec Duct	Provides Pri and Sec Duct	Digs Service Trench	Installs Service Duct	Installs Service Duct
1	Gulf	Gulf	Gulf	Gulf	Gulf	Gulf
2	Applicant	Applicant	Gulf	Gulf	Gulf	Gulf
3	Applicant	Applicant	Applicant	Gulf	Gulf	Gulf

Typical Subdivision
Developer Options
176 Lot Subdivision

Option	Digs Pri and Sec Trench	Installs Pri and Sec Duct	Provides Pri and Sec Duct	Digs Service Trench	Installs Service Duct	Provides Service Duct
1	Gulf	Gulf	Gulf	Gulf	Gulf	Gulf
2	Applicant	Applicant	Gulf	Gulf	Gulf	Gulf
3	Applicant	Applicant	Applicant	Gulf	Gulf	Gulf

Activity	Description	\$ COST/LOT 176-LOT	Total Cost (\$) 176 - Lot
A	Applicant trenches & installs primary & sec. duct	\$120.00	\$21,120
B	Applicant supplies primary and secondary duct	\$80.00	\$14,080
	Total	\$200.00	\$35,200

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 176 - Lot	Total Price Reduction (\$) 176 - Lot
1	None	\$0	\$0
2	A	\$120.00	\$21,120
3	A+B	\$200.00	\$35,200

**Reconciliation between Underground Material and Labor
176 Lot Single Family Residential and Breakdown of Credits Worksheet**

WP-8

	Service		Primary		Secondary		Transformers		Trench & Inst. 1 Duct	Trench & Inst. 2 Duct	Trench & Inst. 3 Duct	Trench & Inst. 4 Duct	Service Trenching	Stores Handling	Engineering	Total	Activity Title (2)
	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Labor	Labor	Labor	Labor	Labor				
Meters and Transformers	0	12					349	61						1	17	\$440	
Cable - Primary & Secondary			90	101	107	107								8	161	\$574	
Cable - Services	57	162												2	86	\$307	
Trench Primary And Secondary									49	34	3	1			33	\$120	A
Trench Service Duct - Pri and Secondary													150		58	\$208	
Material			27		24									2		\$53	B
Labor				2		2									23	\$27	B
Duct Service Material	48													2		\$50	
Labor		3													21	\$24	
Total (1)	\$105	\$177	\$117	\$103	\$131	\$109	\$349	\$61	\$49	\$34	\$3	\$1	\$150	\$15	\$399	\$1,803	

Notes;
 (1) Ties to Page 12.
 (2) Ties to Page WP-7.

Activity A Total = \$ 120
 Activity B Total = \$ 80

Tariff Sheets



PAGE	EFFECTIVE DATE
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- 6.2.8 DAMAGE TO COMPANY'S EQUIPMENT. The Applicant shall be responsible to ensure that the Company's distribution facilities once installed, are not damaged, destroyed, or otherwise disturbed during the construction of the project. This responsibility shall extend not only to those in his employ, but also to his subcontractors. Should damage occur, the Applicant shall be responsible for the full cost of repairs.
- 6.2.9 PAYMENT OF CHARGES. The Company shall not be obligated to install any facilities until payment of applicable charges, if any, has been completed.

6.3 UNDERGROUND DISTRIBUTION FACILITIES FOR
 NEW RESIDENTIAL SUBDIVISIONS

- 6.3.1 AVAILABILITY. After receipt of proper application and compliance by the Applicant with applicable Company rules and procedures, the Company will install underground distribution facilities to provide single phase service to new residential subdivisions of five (5) or more building lots.
- 6.3.2 CONTRIBUTION BY APPLICANT.
 (a) Prior to such installations, the Applicant and the Company will enter into an agreement outlining the terms and conditions of installation, and the Applicant will be required to pay the Company in advance the entire cost as described below:

<u>Option</u>	<u>Low Density Subdivision (\$ per lot)</u>	<u>High Density Subdivision (\$ per lot)</u>
1. Gulf supplies and installs all primary, secondary, and service trench, duct, and cable.	\$427	\$458
2. Applicant installs primary and secondary trench and duct system. Gulf supplies primary and secondary duct and supplies and installs service duct. Gulf supplies and installs primary, secondary, and service cable.	\$256	\$338
3. Applicant supplies and installs primary and secondary trench and duct. Gulf supplies primary and secondary cable. Gulf supplies and installs service duct and cable.	\$155	\$258

All construction done by the Applicant must meet the Company's specifications. All installations must be approved by the Company's authorized representative.

- (b) The Applicant is required to pay a charge per foot and a cost differential for transformers and services (see "Three Phase Lift Station" charts below) for three phase commercial loads requiring 120/240 volt open delta, 120/208 volt wye, or 277/480 volt wye service in new residential subdivisions for each three phase service. This average cost will be added to the advanced payment in 6.3.2(a) above.

PAGE	EFFECTIVE DATE
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6.3.2 (continued)

**THREE PHASE LIFT STATION
COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 1**

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$20.45 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$14.39 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$8.07 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$10.18 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$3.87 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$2.02 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$10.27 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$1.85 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1.85 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

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PAGE	EFFECTIVE DATE
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6.3.2 (continued)

**THREE PHASE LIFT STATION
COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 2**

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$19.83 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$14.07 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$7.41 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$9.87 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$3.20 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$1.65 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$9.97 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$1.55 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1.55 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

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PAGE	EFFECTIVE DATE
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6.3.2 (continued)

**THREE PHASE LIFT STATION
COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 3**

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$17.74 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$13.03 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$5.32 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.82 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1.11 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0.61 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$8.92 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$0.50 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$0.50 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

ISSUED BY: Mark Crosswhite

Legislative Format



Section No. IV
~~Eleventh-Twelfth~~ Revised Sheet No. 4.25
 Canceling ~~Tenth-Eleventh~~ Revised Sheet No. 4.25

PAGE	EFFECTIVE DATE August 31, 2010
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- 6.2.8 DAMAGE TO COMPANY'S EQUIPMENT. The Applicant shall be responsible to ensure that the Company's distribution facilities once installed, are not damaged, destroyed, or otherwise disturbed during the construction of the project. This responsibility shall extend not only to those in his employ, but also to his subcontractors. Should damage occur, the Applicant shall be responsible for the full cost of repairs.
- 6.2.9 PAYMENT OF CHARGES. The Company shall not be obligated to install any facilities until payment of applicable charges, if any, has been completed.

6.3 UNDERGROUND DISTRIBUTION FACILITIES FOR
NEW RESIDENTIAL SUBDIVISIONS

- 6.3.1 AVAILABILITY. After receipt of proper application and compliance by the Applicant with applicable Company rules and procedures, the Company will install underground distribution facilities to provide single phase service to new residential subdivisions of five (5) or more building lots.
- 6.3.2 CONTRIBUTION BY APPLICANT.
 (a) Prior to such installations, the Applicant and the Company will enter into an agreement outlining the terms and conditions of installation, and the Applicant will be required to pay the Company in advance the entire cost as described below:

<u>Option</u>	<u>Low Density Subdivision (\$ per lot)</u>	<u>High Density Subdivision (\$ per lot)</u>
1. Gulf supplies and installs all primary, secondary, and service trench, duct, and cable.	\$263427	\$259458
2. Applicant installs primary and secondary trench and duct system. Gulf supplies primary and secondary duct and supplies and installs service duct. Gulf supplies and installs primary, secondary, and service cable.	\$97256	\$144338
3. Applicant supplies and installs primary and secondary trench and duct. Gulf supplies primary and secondary cable. Gulf supplies and installs service duct and cable.	\$0155	\$58258

All construction done by the Applicant must meet the Company's specifications. All installations must be approved by the Company's authorized representative.

- (b) The Applicant is required to pay a charge per foot and a cost differential for transformers and services (see "Three Phase Lift Station" charts below) for three phase commercial loads requiring 120/240 volt open delta, 120/208 volt wye, or 277/480 volt wye service in new residential subdivisions for each three phase service. This average cost will be added to the advanced payment in 6.3.2(a) above.



Section No. IV
~~Fifteenth~~ ~~Sixteenth~~ Revised Sheet No. 4.26
 Canceling ~~Fourteenth~~ ~~Fifteenth~~ Revised Sheet No.

PAGE	EFFECTIVE DATE August 31, 2010
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6.3.2 (continued)

**THREE PHASE LIFT STATION
 COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 1**

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$19,3220.45 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$13,5114.39 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$7,998.07 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$9,5610.18 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$4,043.87 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$2,182.02 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$9,7610.27 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$1,8785 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1,8785 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

ISSUED BY: ~~Susan Story~~ Mark Crosswhite



Section No. IV
 Third-Fourth Revised Sheet No. 4.26.1
 Canceling Second-Third Revised Sheet No. 4.26.1

PAGE	EFFECTIVE DATE August 31, 2010
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5.3.2 (continued)

THREE PHASE LIFT STATION
COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 2

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$18.68 19.83 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$13.16 14.07 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$7.35 7.41 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$9.21 9.87 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$3.41 3.20 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$1.83 1.65 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$9.47 9.97 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$1.57 1.55 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1.57 1.55 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

ISSUED BY: Susan Story/Mark Crosswhite

PAGE	EFFECTIVE DATE August 31, 2010
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6.3.2 (continued)

**THREE PHASE LIFT STATION
 COSTS TO PROVIDE 3 PH SVC TO LIFT STATION W/IN TYPICAL SUBDIVISION - OPTION 3**

CUSTOMER REQUEST: 120/208 or 277/480

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$16.40-17.74 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$12.02-13.03 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$5.07-5.32 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.07-8.82 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$1.12-1.11 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0.60-61 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0 cost per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service

CUSTOMER REQUEST: 120/240 OPEN DELTA

MOTOR SIZE	AVAILABLE UNDERGROUND FACILITIES		
	SINGLE PHASE	TWO PHASES	THREE PHASES
< 5HP	\$8.33-92 per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus one oh transformer, cutout, arrester, and service
5HP < X < 25HP	\$0.43-50 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service
> 25HP	\$0.43-50 per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$0 cost per ft plus 2 padmount tx, 2 pads, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service

ISSUED BY: Susan ~~Story~~ Mark Crosswhite