

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITENO@southernco.com



October 1, 2009

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

090000 - 0T

Dear Ms. Cole:

In accordance with Rule 25-6.078, Gulf Power filed its 2009 Overhead/Underground Residential Differential Cost Data and supporting work papers on April 1, 2009. In preparing a response to Staff's Data Requests issued on May 27, 2009, Gulf identified an error in one of the calculations supporting the filing.

Enclosed are the original and fifteen copies of Gulf's Revised 2009 Overhead/Underground Residential Differential Cost Data and supporting work papers. The revisions are due to the following changes:

1. Removal of the Travel and Headquarter Time allocation adder (19%) inadvertently included in the Overhead Contractor's labor cost calculation;
2. Correction in the calculation of the overhead conductor cost; and
3. Reduction of Indirect Distribution expenses included in the calculation of both the Overhead Operating Cost and Underground Operating Cost multipliers. This revision had no impact on the amount of the Overhead/Underground Residential Differential cost because the same level of expenses was removed from overhead and underground expenses.

As a result of these revisions, the cost per lot for a Typical 210 Lot Subdivision overhead decreased from \$2,612 to \$2,496 and the cost per lot for underground decreased from \$2,881 to \$2,808. For a Typical 176 Lot Subdivision the cost per lot for overhead decreased from \$2,094 to \$2,007 and the cost per lot for underground decreased from \$2,275 to \$2,220.

COM _____
ECR _____
GCL 2 _____
OPC 1 _____
RCP 1 _____
SSC 1 _____
SGA 2 _____
ADM _____
CLK _____

DOCUMENT NUMBER DATE

10208 OCT-28

FPSC-COMMISSION CLERK

Also enclosed are the 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	Tenth Rev. Sheet No. 4.25	Ninth Rev. Sheet No. 4.25
	Fourteenth Rev. Sheet No. 4.26	Thirteenth Rev. Sheet No. 4.26
	Second Rev. Sheet No. 4.26.1	First Rev. Sheet No. 4.26.1
	Second Rev. Sheet No. 4.26.2	First Rev. Sheet No. 4.26.2

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

Sincerely,

Susan D. Ritenour (lw)

mr

Enclosures

cc: Beggs & Lane
Jeffrey A. Stone, Esq.

Gulf Power Company

**Overhead/Underground Residential
Differential Cost Data**

Report to the

Florida Public Service Commission

October 2, 2009

Gulf Power Company

Overhead/Underground Residential Differential Cost Data

October 2, 2009

Table of Contents

Section		
Typical 210 Lot Subdivision:	Intro Page	3
Typical 210 Lot Subdivision:	Overhead vs. Underground Summary Sheet - Cost Per Lot - Single Family Residence	4
Typical 210 Lot Subdivision:	Overhead Material and Labor Estimates - Cost Per Lot - Single Family Residence	5
Typical 210 Lot Subdivision:	Underground Material and Labor Estimates - Cost Per Lot - Single Family Residence	6
Typical 210 Lot Subdivision:	Underground Subdivision Drawing	7
Typical 210 Lot Subdivision:	Overhead Subdivision Drawing	8
Typical 176 Lot Subdivision	Intro Page	9
Typical 176 Lot Subdivision:	Overhead vs. Underground Summary Sheet - Cost Per Lot - Single Family Residence	10
Typical 176 Lot Subdivision:	Overhead Material and Labor Estimates - Cost Per Lot - Single Family Residence	11
Typical 176 Lot Subdivision:	Underground Material and Labor Estimates - Cost Per Lot - Single Family Residence	12
Typical 176 Lot Subdivision:	Overhead Subdivision Drawing	13
Typical 176 Lot Subdivision:	Underground Subdivision Drawing	14
Operating Expenses	Overhead Vs. Underground	15
Joint Trenching	Underground Residential Distribution	16
Year-End Customer Summary	Overhead Vs. Underground	17

DOCUMENT NUMBER-DATE

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

October 2, 2009

Item	Overhead	Underground	Differential
Labor	\$ 875	\$ 1,066	\$ 191
Material	580	863	283
Sub Total	1,455	1,929	474
Operating Cost	1,041	879	(162)
Total	\$ 2,496	\$ 2,808	\$ 312

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

October 2, 2009

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 59	\$ 65	\$ 124
Primary	29	40	69
Secondary	17	11	28
Initial Tree Trim		140	140
Poles	132	218	350
Transformers (3)	306	223	529
Subtotal	543	697	1,240
Stores Handling (5)	37		37
Subtotal	580	697	1,277
Engineering (6)		178	178
Sub Total	580	875	1,455
Operating Expense (7)	415	626	1,041
Total	\$ 995	\$ 1,501	\$ 2,496

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 13% of All Material (Less Meters and Transformers)

(6) 21.9% of All Material & Labor (Less Meters and Transformers)

(7) Sub Total amount multiplied times the Total Overhead Lines Operating Cost Multiplier (0.71517) which is calculated on page 15B.

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

October 2, 2009

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 131	\$ 172	\$ 303
Primary	176	187	363
Secondary	98	97	195
Transformers (3)	400	101	501
T&I 1 duct		90	90
T&I 2 ducts		28	28
T&I 3 ducts		5	5
Service Trenching		150	150
Subtotal	805	830	1,635
Stores Handling (5)	58		58
Subtotal	863	830	1,693
Engineering (6)		236	236
SubTotal	863	1,066	1,929
Operating Expense (7)	393	486	879
Total	\$ 1,256	\$ 1,552	\$ 2,808

(1) Includes Sales Tax

(2) Includes Meter

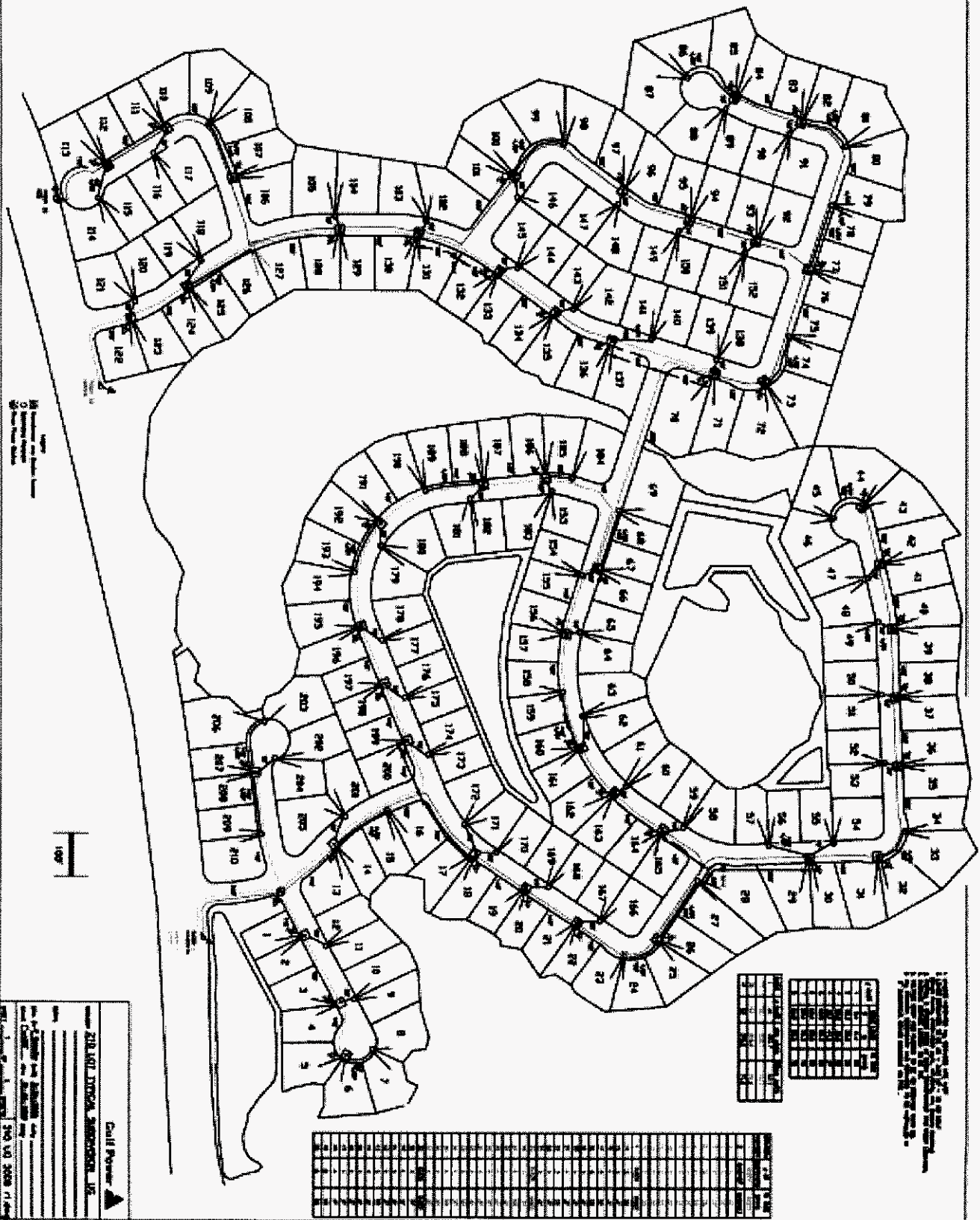
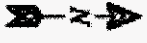
(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 13% of All Material (Less Meters and Transformers)

(6) 21.9% of All Material & Labor (Less Meters and Transformers)

(7) Sub Total amount multiplied times the Total Underground Lines Operating Cost Multiplier (0.45563) which is calculated on page 15C.



Water
Sewer
Electric
Gas

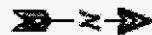


Call Power
 201-471-1111
 201-471-1112
 201-471-1113
 201-471-1114
 201-471-1115
 201-471-1116
 201-471-1117
 201-471-1118
 201-471-1119
 201-471-1120
 201-471-1121
 201-471-1122
 201-471-1123
 201-471-1124
 201-471-1125
 201-471-1126
 201-471-1127
 201-471-1128
 201-471-1129
 201-471-1130

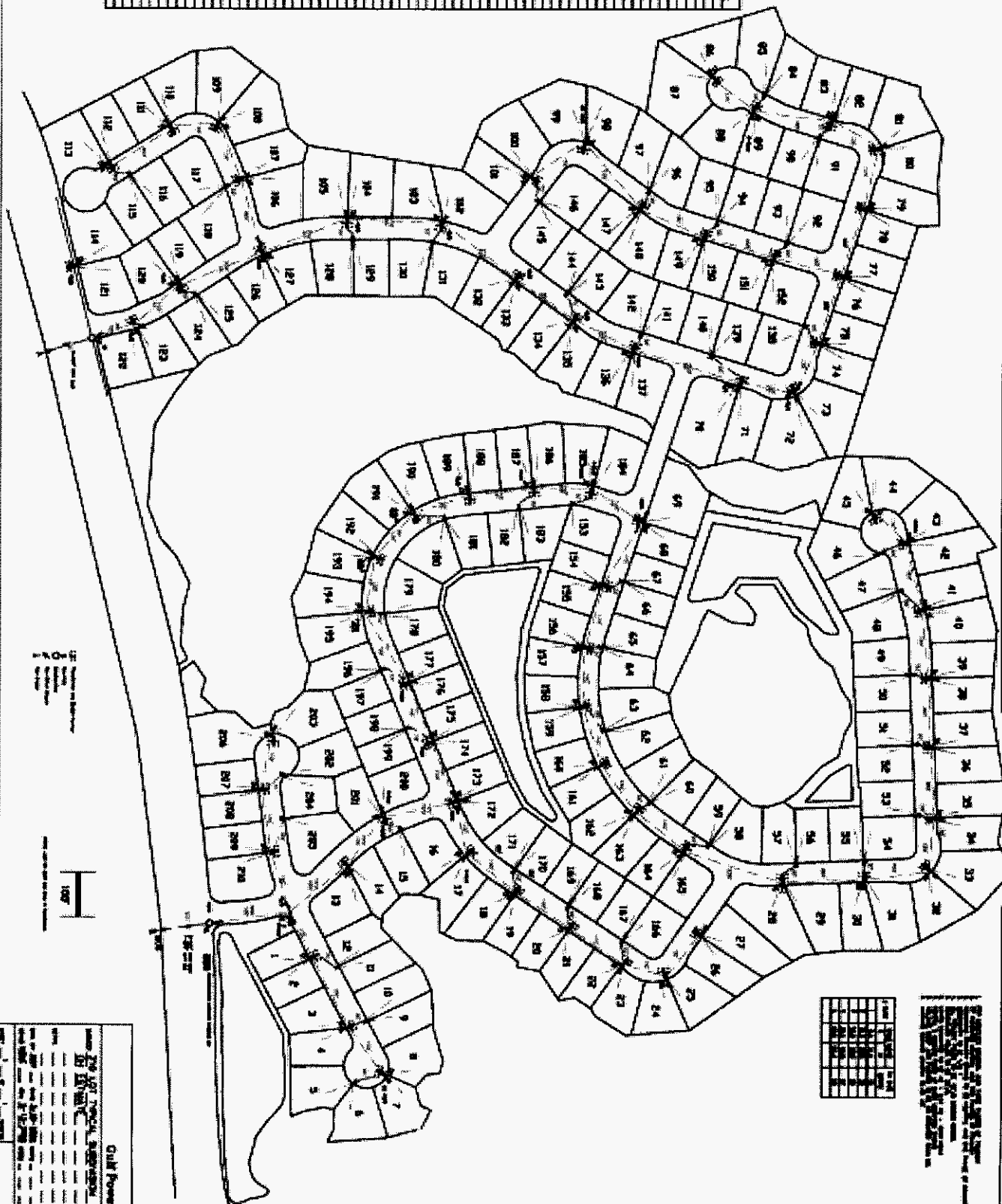
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1. All lots are to be developed in accordance with the approved site plan.
 2. All lots are to be developed in accordance with the approved subdivision map.
 3. All lots are to be developed in accordance with the approved zoning ordinance.
 4. All lots are to be developed in accordance with the approved building code.
 5. All lots are to be developed in accordance with the approved fire code.
 6. All lots are to be developed in accordance with the approved health code.
 7. All lots are to be developed in accordance with the approved safety code.
 8. All lots are to be developed in accordance with the approved environmental code.
 9. All lots are to be developed in accordance with the approved utility code.
 10. All lots are to be developed in accordance with the approved transportation code.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



1" = 100'
 1" = 100'
 1" = 100'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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

October 2, 2009

Item	Overhead	Underground	Differential
Labor	\$ 699	\$ 864	\$ 165
Material	471	661	190
	1,170	1,525	355
Operating Cost	837	695	(142)
Total	\$ 2,007	\$ 2,220	\$ 213

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

October 2, 2009

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 42	\$ 50	\$ 92
Primary	15	22	37
Secondary	17	12	29
Initial Tree Trim		90	90
Poles	99	167	266
Transformers (3)	270	218	488
Subtotal	443	559	1,002
Stores Handling (5)	28		28
Subtotal	471	559	1,030
Engineering (6)		140	140
Sub Total	471	699	1,170
Operating Expense (7)	337	500	837
Total	\$ 808	\$ 1,199	\$ 2,007

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 13% of All Material (Less Meters and Transformers)

(6) 21.9% of Labor (Less Meters and Transformers)

(7) Sub Total amount multiplied times the Total Overhead Lines Operating Cost Multiplier (0.71517) which is calculated on page 15B.

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

October 2, 2009

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 101	\$ 143	\$ 244
Primary	109	117	226
Secondary	121	117	238
Transformers (3)	284	59	343
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	615	673	1,288
Stores Handling (5)	46		46
Subtotal	661	673	1,334
Engineering (6)		191	191
Sub Total	661	864	1,525
Operating Expense (7)	301	394	695
Total	\$ 962	\$ 1,258	\$ 2,220

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 13% of All Material (Less Meters and Transformers)

(6) 21.9% of All Labor (Less Meters and Transformers)

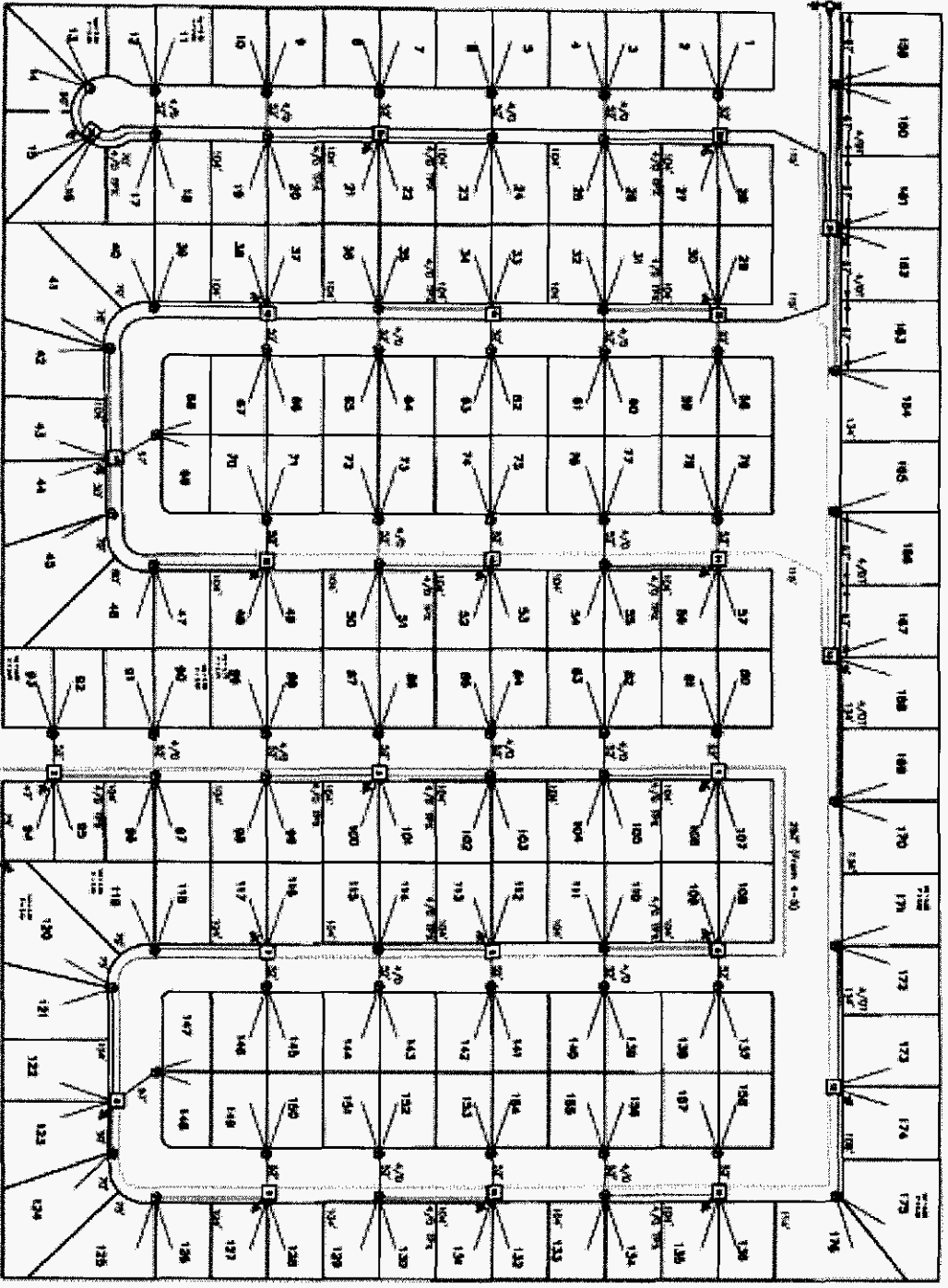
(7) Sub Total amount multiplied times the Total Underground Lines Operating Cost Multiplier (0.45563) which is calculated on page 15C.

#	COST	CALC LOAD	IN SIZE	IN SIZE (KVA)
1	5	7.2	10.3	25
2	14.0	20.8	28	35
3	20.8	29.8	35	45
4	28.7	40.8	45	55
5	35.3	50.4	55	70
6	46.1	64.1	70	90
7	62.3	87.7	90	110
8	84.9	118.4	110	150

NOTE:

1. All conductors are to be installed in accordance with the National Electrical Code.
2. All conductors are to be installed in accordance with the National Electrical Code.
3. All conductors are to be installed in accordance with the National Electrical Code.
4. All conductors are to be installed in accordance with the National Electrical Code.
5. All conductors are to be installed in accordance with the National Electrical Code.
6. All conductors are to be installed in accordance with the National Electrical Code.
7. All conductors are to be installed in accordance with the National Electrical Code.
8. All conductors are to be installed in accordance with the National Electrical Code.
9. All conductors are to be installed in accordance with the National Electrical Code.
10. All conductors are to be installed in accordance with the National Electrical Code.

#	COST	CALC LOAD	IN SIZE	IN SIZE (KVA)
1	5	7.2	10.3	25
2	14.0	20.8	28	35
3	20.8	29.8	35	45
4	28.7	40.8	45	55
5	35.3	50.4	55	70
6	46.1	64.1	70	90
7	62.3	87.7	90	110
8	84.9	118.4	110	150



LEGEND
 □ PADMOUNT TRANSFORMER
 ○ SECONDARY PEDIESTAL

1" = 50'

DATE: 10/10/00
 DRAWN BY: J. J. [unreadable]
 CHECKED BY: [unreadable]
 APPROVED BY: [unreadable]

**GULF POWER COMPANY
OPERATING EXPENSES**

ACCOUNT NUMBER	OPERATIONS & MAINTENANCE DESCRIPTION	OVERHEAD	UNDERGROUND	INDIRECT
580 - 100, 102, 150, 151, 155, 590 - 100	ENGINEERING & SUPERVISION OVERHEADS			\$9,845,793
583 - 111, 112, 113, 200	INSTALL & REMOVE OVERHEAD TRANSFORMERS	\$693,137		
583 - 900, 588 - 172	OVERHEAD LINES - OTHER OPERATION EXPENSES	\$1,165,824		
584 - 111, 331, 332, 333, 400	INSTALL & REMOVE UNDERGROUND TRANSFORMERS		\$355,214	
584 - 900, 950, 951	UNDERGROUND LINES - OTHER OPERATION EXPENSES		\$684,252	
587 - 100, 400, 401, 482, 588 - 170, 173, 174, 593 - 100	MISCELLANEOUS DISTRIBUTION EXPENSES			\$3,240,268
	OVERHEAD LINE CLEARING	\$4,579,820		
593 - 200, 203, 204, 208, 209, 210, 211, 250, 251	OVERHEAD LINE MAINTENANCE	\$4,432,490		
593 - 205	POLE LINE INSPECTION/MAINTENANCE EXPENSES	\$410,664		
593 - 400	OVERHEAD STORM EXPENSE	\$802,735		
594 - 100, 500, 503, 505, 511	UNDERGROUND LINE MAINTENANCE		\$2,632,968	
594 - 400	UNDERGROUND STORM EXPENSE		\$15,828	
595 - 100	OVERHEAD LINE TRANSFORMER MAINTENANCE	\$479,768		
595 - 200, 300, 301	UNDERGROUND TRANSFORMER MAINTENANCE		\$118,754	
	TOTAL =	\$12,564,438	\$3,807,016	\$13,086,061

Note: Cost Base is 2007 Historical Year Data Presented in October 15, 2008 Filing.

**GULF POWER COMPANY
ELECTRIC PLANT IN SERVICE**

FERC DESCRIPTION	Plant In-Service	Avg Service Life (Yrs)	Historical CIAC	Plant In-Service Gross-Up
364 - Poles, Towers and Fixtures	\$110,201,017.03	32	(\$8,147,690.41)	\$118,348,707.44
365 - Overhead Conductors & Devices	\$114,370,806.53	37	(\$5,365,519.66)	\$119,736,326.19
366 - Underground Conduit	\$1,217,455.00	60	(\$2,947.27)	\$1,220,402.27
367 - Underground Conductors & Dev	\$100,391,515.03	30	(\$59,072,776.49)	\$159,464,291.52
368 - Line Transformers (Overhead)	\$119,949,504.16	30	(\$6,359,984.77)	\$126,309,488.93
368 - Line Transformers (Underground)	\$72,002,966.35	30	(\$5,555,160.74)	\$77,558,127.09
369 - Services - Overhead	\$46,700,719.52	34	(\$200,963.12)	\$46,901,682.64
369 - Services - Underground	\$38,122,335.38	40	(\$5,265,136.68)	\$43,387,472.06
370 - Meters	\$47,252,798.48	33	(\$43,759.60)	\$47,296,558.08
373 - Street Light & Signal Systems	\$53,737,079.28	18	(\$4,975,737.06)	\$58,712,816.34
Total Distribution Lines:	<u>\$703,946,196.76</u>		<u>(\$94,989,675.80)</u>	<u>\$798,935,872.56</u>

Investment Category	Plant In-Service	Avg Service Life (Yrs)	Historical CIAC	Plant In-Service (Gross-Up)
Overhead Distribution				
FERC 364, 365, 368 (OVH), 369 (OVH)	\$391,222,047.24	33	(\$20,074,157.96)	\$411,296,205.19
Underground Distribution				
FERC 366, 367, 368 (UD), 369 (UD)	\$211,734,271.76	32	(\$69,896,021.19)	\$281,630,292.95
Metering				
FERC 370	\$47,252,798.48	33	(\$43,759.60)	\$47,296,558.08
Distribution Lighting				
FERC 373	\$53,737,079.28	18	(\$4,975,737.06)	\$58,712,816.34
Distribution Lines				
FERC 364, 365, 366, 367, 368, 369, 370, 373	<u>\$703,946,196.76</u>	32	<u>(\$94,989,675.80)</u>	<u>\$798,935,872.56</u>

Note: Cost Base is 2007 Historical Year Data Presented in October 15, 2008 Filing.

Overhead Lines Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense as a % of Investment (\$12,564,438 / \$411,296,205 = 3.055%)	3.055%
O&M Annual Escalation Percent	2.20%
Discount Rate	7.76%

Calculation of Overhead Lines Operating Cost Multiplier	
Cumulative PV	\$ 191,480,336
divided by:	
Capital Investment (See Page 15A)	\$ 411,296,205
PV Operating Cost Factor	<u>0.46555</u>
Plus:	
Indirect Operating Cost Multiplier	0.24962
Equals:	
Total Overhead Lines Operating Cost Multiplier	<u><u>0.71517</u></u>

Formulas	
Column A	
Year 1 = Overhead Operating Expenses Equals (See Page 15)	\$ 12,564,438
Year 2 = Year 1 \$ Nominal O&M amount x 1.022, etc.	
Column B	
$1/(1+0.0776)^{(\text{Year} \# - 0.5)}$	
Column C	
(Column A) x (Column B)	

	Column A	Column B	Column C
	O&M	PV	O&M
Year	\$ Nominal	Factor	\$ PV
1	12,564,438	0.963312	12,103,478
2	12,840,856	0.893926	11,478,770
3	13,123,354	0.829537	10,886,305
4	13,412,068	0.769786	10,324,420
5	13,707,134	0.714339	9,791,536
6	14,008,691	0.662885	9,286,156
7	14,316,882	0.615138	8,806,860
8	14,631,853	0.570830	8,352,303
9	14,953,754	0.529714	7,921,208
10	15,282,737	0.491559	7,512,363
11	15,618,957	0.456152	7,124,620
12	15,962,574	0.423296	6,756,890
13	16,313,751	0.392806	6,408,140
14	16,672,653	0.364513	6,077,391
15	17,039,451	0.338257	5,763,713
16	17,414,319	0.313893	5,466,225
17	17,797,434	0.291283	5,184,091
18	18,188,978	0.270302	4,916,520
19	18,589,135	0.250832	4,662,759
20	18,998,096	0.232765	4,422,095
21	19,416,055	0.215999	4,193,853
22	19,843,208	0.200441	3,977,392
23	20,279,758	0.186003	3,772,103
24	20,725,913	0.172606	3,577,410
25	21,181,883	0.160173	3,392,766
26	21,647,885	0.148636	3,217,651
27	22,124,138	0.137930	3,051,576
28	22,610,869	0.127995	2,894,072
29	23,108,308	0.118775	2,744,697
30	23,616,691	0.110220	2,603,033
31	24,136,258	0.102281	2,468,680
32	24,667,256	0.094914	2,341,261
		Cumulative PV	<u>\$ 191,480,336</u>

Underground Lines Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense as a % of Investment (\$3,807,016 / \$281,630,293 = 1.352%)	1.352%
O&M Annual Escalation Percent	2.20%
Discount Rate	7.76%

Calculation of Underground Lines Operating Cost Multiplier	
Cumulative PV	\$ 58,018,409
divided by:	
Capital Investment (See Page 15A)	\$ 281,630,293
PV Operating Cost Factor	0.20601
Plus:	
Indirect Operating Cost Multiplier	0.24962
Equals:	
Total Underground Lines Operating Cost Multiplier	<u>0.45563</u>

Formulas	
Column A	
Year 1 = Underground Operating Expenses Equals (See Page 15)	\$ 3,807,016
Year 2 = Year 1 \$ Nominal O&M amount x 1.022, etc.	
Column B	
$1/(1+.0776)^{(\text{Year} \# -0.5)}$	
Column C	
(Column A) x (Column B)	

	Column A	Column B	Column C
	O&M	PV	O&M
Year	\$ Nominal	Factor	\$ PV
1	3,807,016	0.963312	3,667,346
2	3,890,770	0.893926	3,478,059
3	3,976,367	0.829537	3,298,543
4	4,063,847	0.769786	3,128,292
5	4,153,252	0.714339	2,966,828
6	4,244,624	0.662885	2,813,699
7	4,338,005	0.615138	2,668,473
8	4,433,441	0.570830	2,530,742
9	4,530,977	0.529714	2,400,120
10	4,630,659	0.491559	2,276,241
11	4,732,533	0.456152	2,158,755
12	4,836,649	0.423296	2,047,333
13	4,943,055	0.392806	1,941,662
14	5,051,802	0.364513	1,841,445
15	5,162,942	0.338257	1,746,401
16	5,276,527	0.313893	1,656,262
17	5,392,610	0.291283	1,570,776
18	5,511,248	0.270302	1,489,702
19	5,632,495	0.250832	1,412,813
20	5,756,410	0.232765	1,339,892
21	5,883,051	0.215999	1,270,735
22	6,012,478	0.200441	1,205,147
23	6,144,753	0.186003	1,142,945
24	6,279,937	0.172606	1,083,953
25	6,418,096	0.160173	1,028,006
26	6,559,294	0.148636	974,946
27	6,703,598	0.137930	924,625
28	6,851,078	0.127995	876,902
29	7,001,801	0.118775	831,641
30	7,155,841	0.110220	788,717
31	7,313,269	0.102281	748,008
32	7,474,161	0.094914	709,401
		Cumulative PV	<u>\$ 58,018,409</u>

Indirect Operating Cost Multiplier

Assumptions	
Revenue Requirements Life	32
O&M Expense as a % of Investment (\$13,086,061 / \$798,935,873 = 1.638%)	1.638%
O&M Annual Escalation Percent	2.20%
Discount Rate	7.76%

Calculation of Indirect Operating Cost Multiplier	
Cumulative PV	\$ 199,429,800
divided by:	
Capital Investment (See Page 15A)	\$ 798,935,873
PV Operating Cost Factor	<u>0.24962</u>

Formulas	
Column A	
Year 1 = Indirect Operating Expenses Equals (See Page 15)	\$ 13,086,061
Year 2 = Year 1 \$ Nominal O&M amount x 1.022, etc.	
Column B	
$1/(1+.0776)^{(\text{Year} \# - 0.5)}$	
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	13,086,061	0.963312	12,605,964
2	13,373,954	0.893926	11,955,320
3	13,668,181	0.829537	11,338,259
4	13,968,881	0.769786	10,753,047
5	14,276,197	0.714339	10,198,039
6	14,590,273	0.662885	9,671,678
7	14,911,259	0.615138	9,172,484
8	15,239,307	0.570830	8,699,056
9	15,574,571	0.529714	8,250,063
10	15,917,212	0.491559	7,824,245
11	16,267,391	0.456152	7,420,405
12	16,625,273	0.423296	7,037,408
13	16,991,029	0.392806	6,674,180
14	17,364,832	0.364513	6,329,699
15	17,746,858	0.338257	6,002,998
16	18,137,289	0.313893	5,693,159
17	18,536,310	0.291283	5,399,313
18	18,944,108	0.270302	5,120,633
19	19,360,879	0.250832	4,856,337
20	19,786,818	0.232765	4,605,682
21	20,222,128	0.215999	4,367,965
22	20,667,015	0.200441	4,142,517
23	21,121,689	0.186003	3,928,705
24	21,586,366	0.172606	3,725,929
25	22,061,266	0.160173	3,533,619
26	22,546,614	0.148636	3,351,235
27	23,042,640	0.137930	3,178,264
28	23,549,578	0.127995	3,014,222
29	24,067,669	0.118775	2,858,646
30	24,597,157	0.110220	2,711,100
31	25,138,295	0.102281	2,571,169
32	25,691,337	0.094914	2,438,461
		Cumulative PV	<u>\$ 199,429,800</u>

Gulf Power Company
Joint Trenching
UG Residential Distribution

Not Applicable for Gulf

**Gulf Power Company
Year End Customers
Overhead Versus Underground
1972 - 2008**

	<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

(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

October 2, 2009

Index to Worksheets

	Page
Summary of 210 Lot Subdivision Differential Cost	WP-3
210 Lot Typical Subdivision Base Price	WP-4
210 Lot Typical Subdivision Reconciliation Worksheet	WP-5
Summary of 176 Lot Subdivision Differential Cost	WP-6
176 Lot Typical Subdivision Base Price	WP-7
176 Lot Typical Subdivision Reconciliation Worksheet	WP-8

Typical Subdivision
Summary of 210 Lot Subdivision
Differential Cost

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Option	Total URD Cost Per URD Lot (\$) 210-Lot	Credits for Applicants Doing & Supplying Work	Credited URD Cost per Lot (\$) 210-LOT	Total URD Cost (\$) 210-LOT	Total Overhead Cost Per OH Lot (\$) 210-Lot	Total OH Cost (\$) 210-LOT	Differential Cost per Lot (\$) 210-LOT
1	\$2,808	\$0	\$2,808	\$589,680	\$2,496	\$524,160	\$312
2	\$2,808	\$146	\$2,662	\$559,020	\$2,496	\$524,160	\$166
3	\$2,808	\$238	\$2,570	\$539,700	\$2,496	\$524,160	\$74

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	\$146.00	\$30,660
B	Applicant supplies primary and secondary duct	\$92.00	\$19,320
Total		\$238.00	\$49,980.00

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 210 - Lot	Total Price Reduction (\$) 210 - Lot
1	None	\$0	\$0
2	A	\$146.00	\$30,660
3	A+B	\$238.00	\$49,980

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

	Service		Primary		Secondary		Transformers		Trench & Inst. 1 Duct	Trench & Inst. 2 Duct	Trench & Inst. 3 Duct	Service Trenching	Install Tracer	Stores Handling	Engineering	Total	Activity Title (2)
	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Labor	Labor	Labor	Labor					
Meters and Transformers	0	11					400	101						5	16	\$533	
Cable - Primary & Secondary			137	179	79	93								29	96	\$613	
Cable - Services	76	150												10	44	\$280	
Trench Primary And Secondary									90	28	5				23	\$146	A
Trench Service Duct - Pri and Secondary												150			28	\$178	
Material			39		19									7		\$65	B
Labor				8		4									15	\$27	B
Duct Service Material	55													7		\$62	
Labor		11													14	\$25	
Total (1)	\$131	\$172	\$176	\$187	\$98	\$97	\$400	\$101	\$90	\$28	\$5	\$150	\$0	\$58	\$236	\$1,929	

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

Activity A Total = \$ 146
Activity B Total = \$ 92

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	\$2,220	\$0	\$2,220	\$390,720	\$2,007	\$353,232	\$213
2	\$2,220	\$102	\$2,118	\$372,768	\$2,007	\$353,232	\$111
3	\$2,220	\$175	\$2,045	\$359,920	\$2,007	\$353,232	\$38

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

Total Cost: (Base Price)

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	\$102	\$17,952
B	Applicant supplies primary and secondary duct	\$73	\$12,848
	Total	\$175	\$30,800

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 176 - Lot	Total Price Reduction (\$) 176 - Lot
1	None	\$0	\$0
2	A	\$102	\$17,952
3	A+B	\$175	\$30,800

176 Lot Single Family Residential and Breakdown of Credits Worksheet

	Service		Primary		Secondary		Transformers		Trench & Inst. 1 Duct	Trench & Inst. 2 Duct	Trench & Inst. 3 Duct	Trench & Inst. 4 Duct	Service Trenching	Install Tracer	Stores Handling	Engineering	Total	Activity Title (2)	
	Material	Labor	Material	Labor	Material	Labor	Material	Labor	Labor	Labor	Labor	Labor	Labor						
Meters and Transformers	0	11					284	59							3	9	\$366		
Cable - Primary & Secondary			85	112	99	113									24	81	\$514		
Cable - Services	57	124													7	35	\$223		
Trench Primary And Secondary									49	34	3	1					15	\$102	A
Trench Service Duct - Pri and Secondary													150				28	\$178	
Material			24		22										6		\$52	B	
Labor				5		4										12	\$21	B	
Duct Service Material	44														6		\$50		
Labor		8														11	\$19		
Total (1)	\$101	\$143	\$109	\$117	\$121	\$117	\$284	\$59	\$49	\$34	\$3	\$1	\$150	\$0	\$46	\$191	\$1,525		

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

Activity A Total = 102
 Activity B Total = 73

Tariff Sheet

PAGE	EFFECTIVE DATE
------	----------------

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.	\$312	\$213
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.	\$166	\$111
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.	\$74	\$38

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
------	----------------

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	\$17.89 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$12.43 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	\$7.58 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.89 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	\$4.04 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$2.12 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	\$9.00 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	\$1.91 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	\$1.91 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

PAGE	EFFECTIVE DATE
------	----------------

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	\$17.34 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$12.13 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	\$7.03 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.59 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	\$3.49 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$1.82 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	\$8.75 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	\$1.66 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	\$1.66 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

PAGE	EFFECTIVE DATE
------	----------------

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	\$15.39 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$11.16 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	\$5.08 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$7.62 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	\$1.54 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0.85 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	\$7.78 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	\$0.69 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	\$0.69 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

Legislative Format

PAGE	EFFECTIVE DATE
	October 8, 2007

- 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.	\$312 ^{\$507}	\$213 ^{\$397}
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.	\$166 ^{\$384}	\$111 ^{\$314}
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.	\$74 ^{\$280}	\$38 ^{\$234}

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
	October 9, 2007

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	\$17.89 \$13.63 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$12.43 \$8.64 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	\$7.58 \$8.19 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.89 \$6.60 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	\$4.04 \$6.18 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$2.12 \$3.27 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	\$9.00 \$6.92 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	\$1.91 \$2.92 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	\$1.91 \$2.92 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

PAGE	EFFECTIVE DATE
	October 9, 2007

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	\$17.34 \$13.09 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$12.13 \$8.38 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	\$7.03 \$7.75 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$8.59 \$6.38 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	\$3.49 \$5.75 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$1.82 \$3.04 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	\$8.75 \$6.71 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	\$1.66 \$2.71 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	\$1.66 \$2.71 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

PAGE	EFFECTIVE DATE
	October 9, 2007

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	\$15.39 \$10.90 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$11.16 \$7.29 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	\$5.08 \$5.56 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$7.62 \$5.28 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	\$1.54 \$3.56 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$0.85 \$1.95 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	\$7.78 \$5.62 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	\$0.69 \$1.64 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	\$0.69 \$1.64 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