



DOCKET NO. 20190078-EI  
FILED 4/1/2019  
DOCUMENT NO. 03428-2019  
FPSC - COMMISSION CLERK

April 1, 2019

Mr. Adam Teitzman, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0850

Dear Mr. Teitzman:

In accordance with Rule 25-6.078, Gulf Power Company is attaching its 2019 Overhead/Underground Residential Differential Cost Data and supporting work papers.

Also attached are 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	Sixteenth Rev. Sheet No. 4.25	Fifteenth Rev. Sheet No. 4.25
	Twentieth Rev. Sheet No. 4.26	Nineteenth Rev. Sheet No. 4.26
	Eighth Rev. Sheet No. 4.26.1	Seventh Rev. Sheet No. 4.26.1
	Eighth Rev. Sheet No. 4.26.2	Seventh Rev. Sheet No. 4.26.2

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

Sincerely,

A handwritten signature in blue ink that reads 'C. Shane Boyett'.

C. Shane Boyett  
Regulatory Issues Manager

md

Attachments

cc: Gulf Power Company  
Russell Badders, Esq., VP & Associate General Counsel  
Beggs & Lane

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Request by Gulf Power Company to )  
modify its underground residential differential )  
tariffs )  
\_\_\_\_\_ )

Docket No.  
  
Filed: April 1, 2019

**PETITION FOR APPROVAL OF 2019  
REVISIONS TO GULF POWER COMPANY’S  
UNDERGROUND RESIDENTIAL DIFFERENTIAL TARIFFS**

Gulf Power Company (“Gulf Power,” “Gulf,” or “the Company”), by and through its undersigned counsel, and pursuant to Rules 25-6.078(3) and 25-6.033, Florida Administrative Code (“F.A.C.”), hereby petitions the Florida Public Service Commission (the “Commission”) for approval of Gulf’s revisions to its Underground Residential Differential (“URD”) tariff sheets, as set forth below. In support of this petition, Gulf states as follows:

1. Petitioner, Gulf Power, is an investor-owned utility subject to the jurisdiction of the Commission under Chapter 366, Florida Statutes. Gulf’s corporate offices are located at One Energy Place, Pensacola, Florida 32520.

2. The names, addresses and telephone numbers of Gulf’s representatives to receive communications regarding this proceeding are:

Russell A. Badders  
Vice President & Associate General Counsel  
Gulf Power Company  
One Energy Place  
Pensacola, Florida  
32520-0100  
(850) 444-6550  
Russell.Badders@nexteraenergy.com

Holly Henderson  
Senior Manager Regulatory Affairs  
Gulf Power Company  
215 South Monroe Street, Suite 618  
Tallahassee, Florida  
32301  
(850) 505-5156  
(850) 681-6654 (facsimile)  
Holly.Henderson@nexteraenergy.com

Steven R. Griffin  
srg@beggslane.com  
Beggs & Lane  
P.O. Box 12950  
Pensacola, FL 32591

3. The agency affected by this petition is the Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850.

4. This petition is not a petition addressing an agency decision which has already been made. Therefore, Gulf cannot state how it received notice of an agency action, facts that warrant reversal of an agency proposed action, or rules or statutes that require reversal or modification of any agency's proposed action.

5. Rule 25-6.078(3), F.A.C., requires each utility to file with the Commission, on or before October 15 of each year, Form PSC/ECO 13-E, Schedule 1. If the cost differential for underground service as calculated in Schedule 1 varies from the Commission-approved differential by plus or minus 10 percent or more, the utility must file a written policy and supporting data and analyses as prescribed in Sections (1), (4) and (5) of Rule 25-6.078 on or before April 1 of the following year. Additionally, Rule 25-6.078(3), F.A.C., requires each utility to file a written policy and supporting data and analyses at least once every three years regardless of whether the 10 percent threshold is triggered.

6. Gulf's current URD charges and associated tariff sheets were approved in Docket No. 20170074-EI via Order No. PSC-2017-0356-TRF-EI dated September 20, 2017. On October 30, 2018, Gulf filed Form PSC/ECO 13-E, Schedule 1 with the Division of Economics. That filing shows that the cost differential calculated in Schedule 1 for underground service varies from the Commission-approved differential by plus or minus 10 percent or more. Consequently, Gulf, consistent with Rule 25-6.078(3), F.A.C., is submitting revised URD tariff sheets for approval along with supporting data and analyses.

7. Gulf's revised URD tariff sheets are attached in final and legislative format as Appendix "A" to this petition. Appendix "A" includes the following revised tariff sheets: 4.25,

4.26, 4.26.1, and 4.26.2. Appendix "B" to this petition consists of a report by Gulf Power which contains the data and analyses underlying Gulf's proposed changes to the URD charges and associated tariff sheets.

8. Appendices "A" and "B" filed herewith and incorporated herein by this reference, provide the information required under Rule 25-6.078, F.A.C. and the necessary support for the relief requested in this petition.

**WHEREFORE**, Gulf Power requests the Commission to approve the revised tariff sheets filed in Appendix "A."

Respectfully submitted this 1<sup>st</sup> day of April, 2019.



**RUSSELL A. BADDERS**  
Vice President & Associate General Counsel  
Florida Bar No. 007455  
[Russell.Badders@nexteraenergy.com](mailto:Russell.Badders@nexteraenergy.com)  
**Gulf Power Company**  
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**STEVEN R. GRIFFIN**  
Florida Bar No. 627569  
[srg@beggslane.com](mailto:srg@beggslane.com)  
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P.O. Box 12950  
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(850) 432-2451  
**Attorneys for Gulf Power Company**

# Appendix A



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.	\$568	\$609
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.	\$349	\$455
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.	\$209	\$344

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	\$25.87 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$17.77 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	\$11.58 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$12.86 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	\$6.67 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$3.47 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	\$13.01 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	\$3.20 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	\$3.20 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: Charles S. Boyett



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	\$25.03 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$17.32 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	\$10.74 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$12.41 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	\$5.83 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$3.02 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	\$12.62 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	\$2.81 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	\$2.81 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: Charles S. Boyett





Section No. IV  
 Eighth Revised Sheet No. 4.26.2  
 Canceling Seventh Revised Sheet No. 4.26.2

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	\$21.94 per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	\$15.77 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	\$7.65 per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	\$10.86 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	\$2.74 per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	\$1.47 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	\$11.08 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	\$1.27 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	\$1.27 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: Charles S. Boyett

# **Legislative Format**



**Gulf Power**

Section No. IV

~~Fifteenth-Sixteenth~~ Revised Sheet No. 4.25

Canceling ~~Fourteenth-Fifteenth~~ Revised Sheet No. 4.25

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.	<u>\$498568</u>	<u>\$562609</u>
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.	<u>\$307349</u>	<u>\$428455</u>
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.	<u>\$184209</u>	<u>\$327344</u>

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.

**ISSUED BY:** Charles S. Boyett



**Gulf Power**

Section No. IV

~~Nineteenth-Twentieth~~ Revised Sheet No. 4.26

Canceling ~~Eighteenth-Nineteenth~~ Revised Sheet No. 4.26

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	<del>\$21-7025.87</del> per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	<del>\$15-4817.77</del> 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	<del>\$8-8811.58</del> per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	<del>\$10-8012.86</del> 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	<del>\$4-516.67</del> per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	<del>\$2-363.47</del> 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	<del>\$10-0013.01</del> 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	<del>\$2-153.20</del> 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	<del>\$2-153.20</del> 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: Charles S. Boyett



Section No. IV  
~~Seventh-Eighth~~ Revised Sheet No. 4.26.1  
 Canceling ~~Sixth-Seventh~~ Revised Sheet No. 4.26.1

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	<del>\$20-98</del> <u>25.03</u> per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	<del>\$44-79</del> <u>17.32</u> 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	<del>\$8-16</del> <u>10.74</u> per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	<del>\$40-41</del> <u>12.41</u> 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	<del>\$3-78</del> <u>5.83</u> per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	<del>\$4-97</del> <u>3.02</u> 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	<del>\$40-57</del> <u>12.62</u> 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	<del>\$1-84</del> <u>2.81</u> 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	<del>\$1-84</del> <u>2.81</u> 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: Charles S. Boyett



**Gulf Power**

Section No. IV  
~~Seventh-Eighth~~ Revised Sheet No. 4.26.2  
 Canceling ~~Sixth-Seventh~~ Revised Sheet No. 4.26.2

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	<del>\$18,2621.94</del> per ft plus 3ph padmount tx, pad, and ug service minus one oh transformer, cutout, arrester, and service	<del>\$13,4315.77</del> 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	<del>\$5,447.65</del> per ft plus 3ph padmount tx, pad, and ug service minus 2 oh transformers, 2 cutouts, 2 arresters, and service	<del>\$9,0510.86</del> 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	<del>\$1,072.74</del> per ft plus 3ph padmount tx, pad, and ug service minus 3 oh transformers, 3 cutouts, 3 arresters, cluster mt, and service	<del>\$9,641.47</del> 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	<del>\$9,2411.08</del> 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	<del>\$0,461.27</del> 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	<del>\$0,461.27</del> 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: Charles S. Boyett

# Appendix B

**Gulf Power Company**  
**Overhead/Underground Residential**  
**Differential Cost Data**

**Report to the**  
**Florida Public Service Commission**

**April 1, 2019**



# Gulf Power Company

## Overhead/Underground Residential Differential Cost Data

### April 1, 2019

## 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

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 1, 2019**

Item	Overhead	Underground	Differential
Labor	\$ 1,340	\$ 1,787	\$ 447
Material	632	962	330
Sub Total	\$ 1,972	\$ 2,749	\$ 777
Operating Cost	\$ 579	\$ 370	\$ (209)
Total	\$ 2,551	\$ 3,119	\$ 568

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

**April 1, 2019**

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 67	\$ 56	\$ 123
Primary	34	34	68
Secondary	15	7	22
Initial Tree Trim	-	165	165
Poles	127	204	331
Transformers (3)	297	215	512
Subtotal	<u>\$ 540</u>	<u>\$ 681</u>	<u>\$ 1,221</u>
Stores Handling (5)	92		92
Subtotal	<u>\$ 632</u>	<u>\$ 681</u>	<u>\$ 1,313</u>
Engineering (6)		659	659
Sub Total	<u>\$ 632</u>	<u>\$ 1,340</u>	<u>\$ 1,972</u>
Operating Cost (7)			<u>\$ 579</u>
Total			<u>\$ 2,551</u>

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Payroll Taxes, Benefits, and Transportation

(5) 17% of All Material (Less Meters and Transformers)

(6) 69% of All Material and Labor

(7) 14,685 Conductor Ft divided by 210 Lots times Total Overhead Lines  
Operating Multiplier of 8.27389 which is calculated on page 15a.

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

**April 1, 2019**

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 151	\$ 214	\$ 365
Primary	206	149	355
Secondary	108	79	187
Transformers (3)	357	92	449
T&I 1 duct	-	95	95
T&I 2 ducts	-	30	30
T&I 3 ducts	-	5	5
Service Trenching	-	179	179
Subtotal	<u>\$ 822</u>	<u>\$ 843</u>	<u>\$ 1,665</u>
Stores Handling (5)	140		140
Subtotal	<u>\$ 962</u>	<u>\$ 843</u>	<u>\$ 1,805</u>
Engineering (6)		944	944
SubTotal	<u>\$ 962</u>	<u>\$ 1,787</u>	<u>\$ 2,749</u>
Operating Cost (7)			<u>\$ 370</u>
Total			<u>\$ 3,119</u>

(1) Includes Sales Tax

(2) Includes Meter

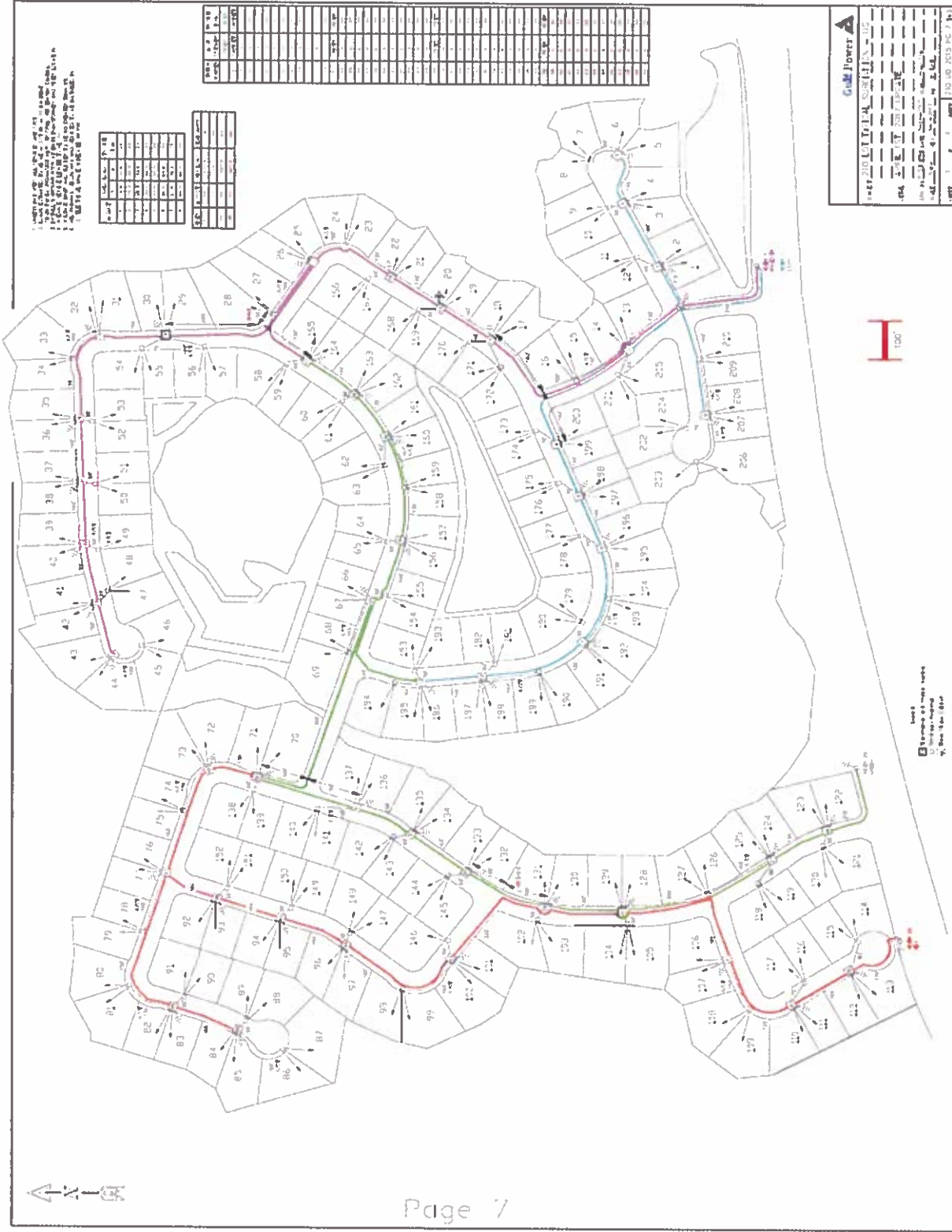
(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Payroll Taxes, Benefits, and Transportation

(5) 17% of All Material (Less Meters and Transformers)

(6) 69% of All Material and Labor

(7) 12,405 Conductor Ft divided by 210 Lots times Total Underground Lines  
Operating Multiplier of 6.26104 which is calculated on page 15b.



1. ALL LOTS ARE TO BE 1/2 AC. OR MORE.  
 2. ALL LOTS ARE TO BE 1/4 AC. OR MORE.  
 3. ALL LOTS ARE TO BE 1/8 AC. OR MORE.  
 4. ALL LOTS ARE TO BE 1/16 AC. OR MORE.  
 5. ALL LOTS ARE TO BE 1/32 AC. OR MORE.  
 6. ALL LOTS ARE TO BE 1/64 AC. OR MORE.

Lot No.	Area (Ac.)	Area (Sq. Ft.)
1	0.125	5400
2	0.125	5400
3	0.125	5400
4	0.125	5400
5	0.125	5400
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99	0.125	5400
100	0.125	5400

Lot No.	Area (Ac.)	Area (Sq. Ft.)
101	0.125	5400
102	0.125	5400
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**Gas Power**

1. ALL LOTS ARE TO BE 1/2 AC. OR MORE.  
 2. ALL LOTS ARE TO BE 1/4 AC. OR MORE.  
 3. ALL LOTS ARE TO BE 1/8 AC. OR MORE.  
 4. ALL LOTS ARE TO BE 1/16 AC. OR MORE.  
 5. ALL LOTS ARE TO BE 1/32 AC. OR MORE.  
 6. ALL LOTS ARE TO BE 1/64 AC. OR MORE.

1000'

Legend:  
 □ Boundary of map sheets  
 ○ Utility structure  
 \* Gas Meter



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 1, 2019**

Item	Overhead	Underground	Differential
Labor	\$ 1,007	\$ 1,478	\$ 471
Material	521	720	199
Sub Total	<u>\$ 1,528</u>	<u>\$ 2,198</u>	<u>\$ 670</u>
Operating Cost	\$ 293	\$ 232	\$ (61)
Total	<u>\$ 1,821</u>	<u>\$ 2,430</u>	<u>\$ 609</u>

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

**April 1, 2019**

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 48	\$ 44	\$ 92
Primary	18	19	37
Secondary	17	9	26
Initial Tree Trim	-	106	106
Poles	95	153	248
Transformers (3)	267	184	451
Subtotal	<u>\$ 445</u>	<u>\$ 515</u>	<u>\$ 960</u>
Stores Handling (5)	76		76
Subtotal	<u>\$ 521</u>	<u>\$ 515</u>	<u>\$ 1,036</u>
Engineering (6)		492	492
Sub Total	<u>\$ 521</u>	<u>\$ 1,007</u>	<u>\$ 1,528</u>
Operating Cost (7)			<u>\$ 293</u>
Total			<u>\$ 1,821</u>

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Payroll Taxes, Benefits, and Transportation

(5) 17% of All Material (Less Meters and Transformers)

(6) 69% of All Material and Labor

(7) 6,235 Conductor Ft divided by 176 Lots times Total Overhead Lines  
Operating Multiplier of 8.27389 which is calculated on page 15a.

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

**April 1, 2019**

Item	Material (1)	Labor (4)	Total
Service (2)	\$ 115	\$ 190	\$ 305
Primary	128	94	222
Secondary	132	95	227
Transformers (3)	240	54	294
T&I 1 duct	-	52	52
T&I 2 ducts	-	35	35
T&I 3 ducts	-	3	3
T&I 4 ducts	-	1	1
Service Trenching	-	179	179
Subtotal	<u>\$ 615</u>	<u>\$ 703</u>	<u>\$ 1,318</u>
Stores Handling (5)	105		105
Subtotal	<u>\$ 720</u>	<u>\$ 703</u>	<u>\$ 1,423</u>
Engineering (6)		775	775
SubTotal	<u>\$ 720</u>	<u>\$ 1,478</u>	<u>\$ 2,198</u>
Operating Cost (7)			<u>\$ 232</u>
Total			<u>\$ 2,430</u>

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Payroll Taxes, Benefits, and Transportation

(5) 17% of All Material (Less Meters and Transformers)

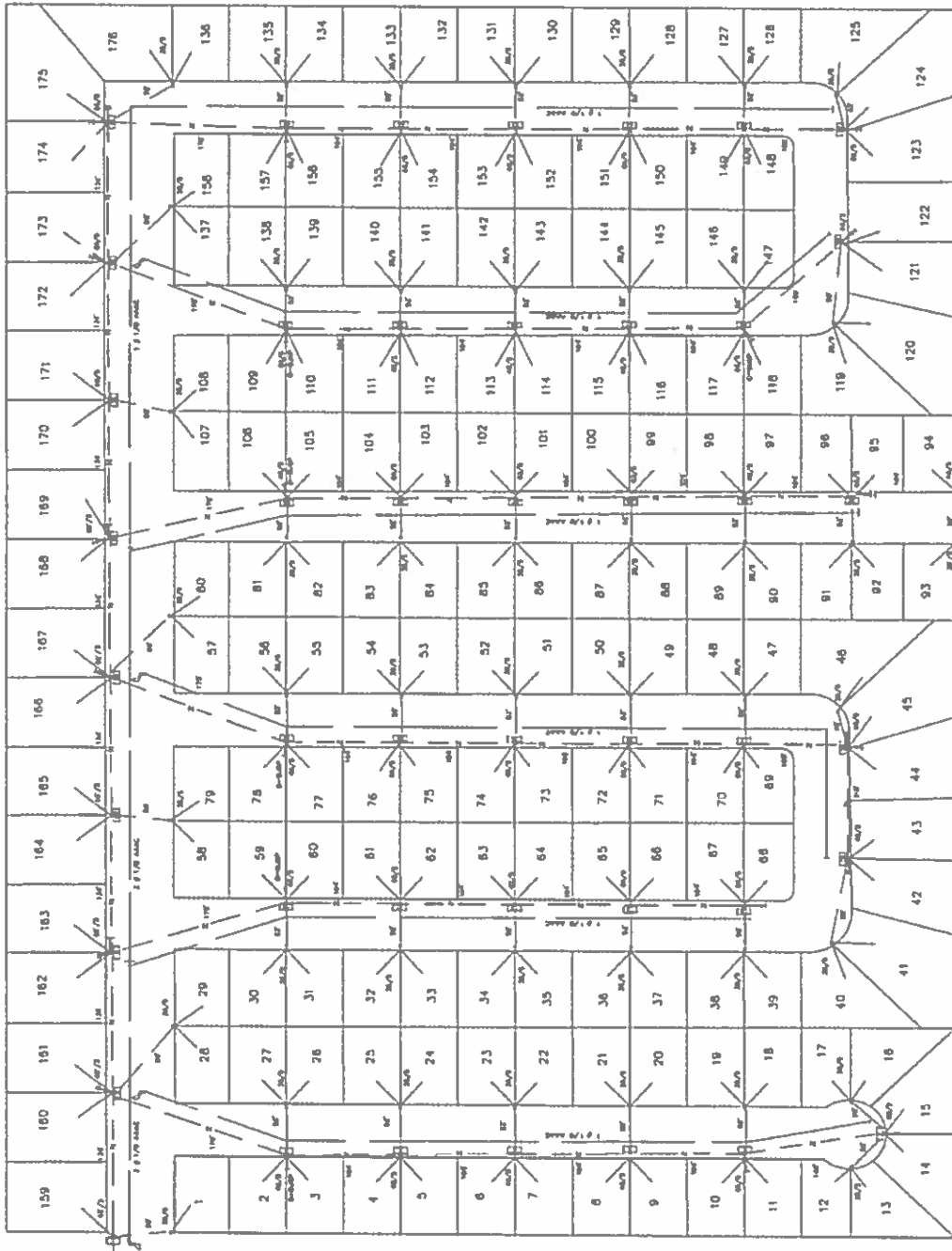
(6) 69% of All Material and Labor

(7) 6,528 Conductor Ft divided by 176 Lots times Total Underground Lines.

Operating Multiplier of 6.26104 which is calculated on page 15b.



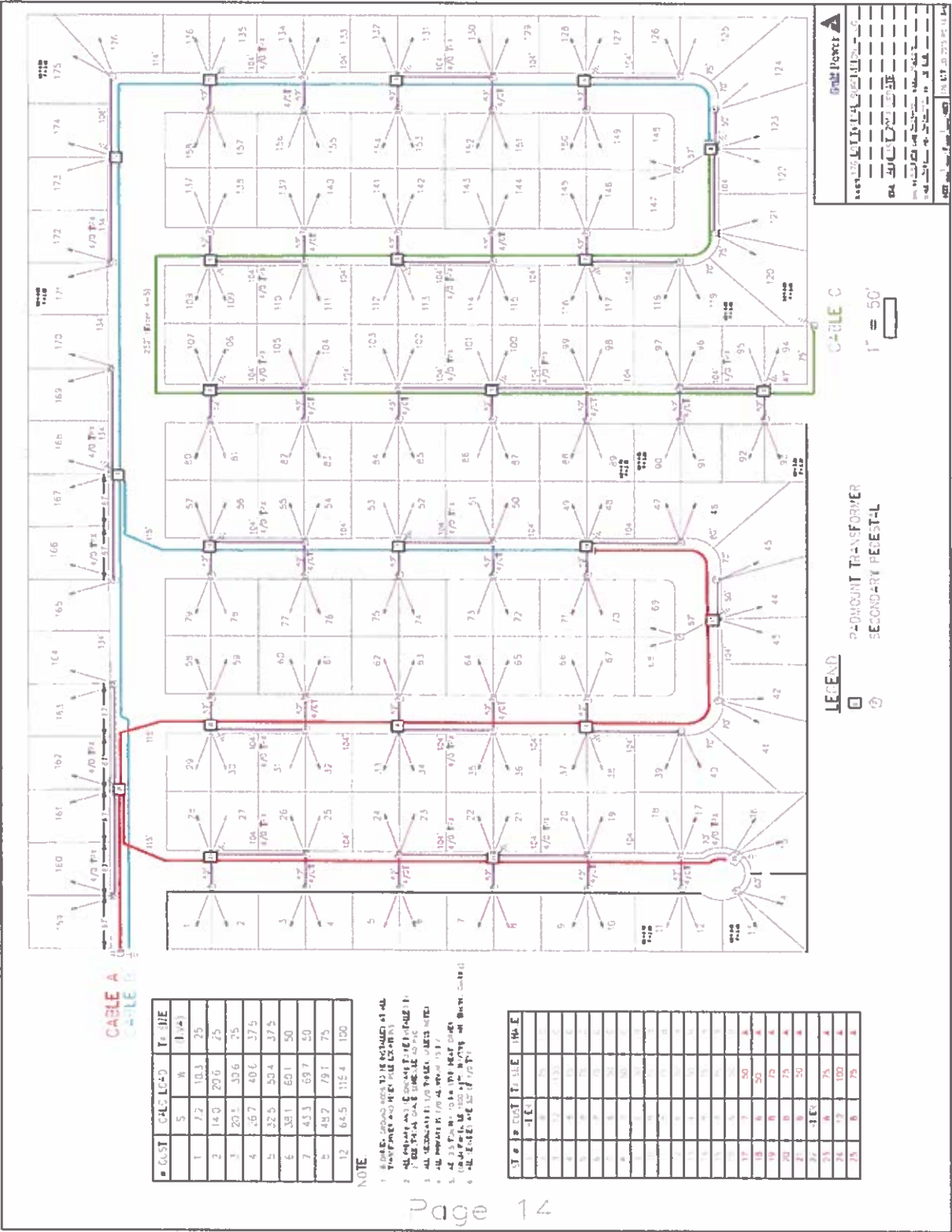
Station	Customer	W (VA)
1	2	15
2	6	17.5
3	6	17.5
4	6	17.5
5	6	17.5
6	6	17.5
7	6	17.5
8	6	17.5
9	7	15
10	6	17.5
11	6	17.5
12	6	17.5
13	6	17.5
14	6	17.5
15	6	17.5
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23	6	17.5
24	7	15
25	6	17.5
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30	6	17.5
31	2	15
32	6	17.5
33	6	17.5
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36	6	17.5
37	6	17.5
38	6	17.5
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41	6	17.5
42	6	17.5
43	6	17.5
44	6	17.5
45	6	17.5
46	6	17.5



**Gold Power**  
 1000 W. 101st Street, Suite 100 - Olathe, MO 64040  
 Phone: (816) 251-1000  
 Fax: (816) 251-1001  
 Email: info@goldpower.com  
 Website: www.goldpower.com

3 PHASE USE

**LEGEND**  
 [Symbol] Manhole  
 [Symbol] Valve  
 [Symbol] Meter  
 [Symbol] Transformer  
 [Symbol] Pole  
 [Symbol] Line  
 [Symbol] Cable  
 [Symbol] Other



**CABLE A**  
**CABLE B**

#	COST	CABLE (LBS)	TYPE
1	7.2	10.3	25
2	14.0	20.6	25
3	20.1	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
9	53.5	88.4	100

**NOTE:**  
 1. BUREAU OF STANDARDS APPROVED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FOR USE IN THE U.S.A.  
 2. ALL CABLES SHALL BE OF THE TYPE LISTED IN THE NFPA CATALOGUE.  
 3. ALL CABLES SHALL BE OF THE TYPE LISTED IN THE NFPA CATALOGUE.  
 4. ALL CABLES SHALL BE OF THE TYPE LISTED IN THE NFPA CATALOGUE.  
 5. ALL CABLES SHALL BE OF THE TYPE LISTED IN THE NFPA CATALOGUE.  
 6. ALL CABLES SHALL BE OF THE TYPE LISTED IN THE NFPA CATALOGUE.

#	COST	TYPE	TYPE
1	1.0	1.0	1.0
2	2.0	2.0	2.0
3	3.0	3.0	3.0
4	4.0	4.0	4.0
5	5.0	5.0	5.0
6	6.0	6.0	6.0
7	7.0	7.0	7.0
8	8.0	8.0	8.0
9	9.0	9.0	9.0
10	10.0	10.0	10.0
11	11.0	11.0	11.0
12	12.0	12.0	12.0
13	13.0	13.0	13.0
14	14.0	14.0	14.0
15	15.0	15.0	15.0
16	16.0	16.0	16.0
17	17.0	17.0	17.0
18	18.0	18.0	18.0
19	19.0	19.0	19.0
20	20.0	20.0	20.0
21	21.0	21.0	21.0
22	22.0	22.0	22.0
23	23.0	23.0	23.0
24	24.0	24.0	24.0
25	25.0	25.0	25.0

**GULF POWER COMPANY**  
**Average Historical Operating Expenses (2013 - 2017)**

OPERATIONS & MAINTENANCE DESCRIPTION	OVERHEAD	UNDERGROUND	INDIRECT
ENGINEERING & SUPERVISION OVERHEADS			\$7,484,572
INSTALL & REMOVE OVERHEAD TRANSFORMERS	\$359,777		
OVERHEAD LINES - OTHER OPERATION EXPENSES	\$2,576,337		
INSTALL & REMOVE UNDERGROUND TRANSFORMERS		\$226,896	
UNDERGROUND LINES - OTHER OPERATION EXPENSES		\$800,544	
MISCELLANEOUS DISTRIBUTION EXPENSES			\$5,261,640
OVERHEAD LINE CLEARING	\$6,072,748		
OVERHEAD LINE MAINTENANCE	\$4,933,767		
POLE LINE INSPECTION/MAINTENANCE EXPENSES	\$425,079		
OVERHEAD STORM EXPENSE	\$1,782,177		
UNDERGROUND LINE MAINTENANCE		\$1,825,031	
UNDERGROUND STORM EXPENSE		\$53,981	
OVERHEAD LINE TRANSFORMER MAINTENANCE	\$796,869		
UNDERGROUND TRANSFORMER MAINTENANCE		\$119,720	
TOTAL =	\$16,946,754	\$3,026,172	\$12,746,212

## Overhead Lines Operating Cost Multiplier

### Assumptions

Revenue Requirements Life	32
O&M Expense Per Conductor Feet	\$0.31613
' (\$16,946,754 / 53,606,784 = \$0.31613 Dollars/Ft)	
O&M Annual Escalation Percent	2.52%
Discount Rate	7.35%

### Calculation of Overhead Lines Operating Cost Multiplier

Cumulative PV	\$280,209,983
divided by:	
Year-End 2018 Overhead Conductor Feet	53,606,784
PV Operating Cost Factor	5.22714
Plus:	
In-Direct Operating Cost Multiplier	3.04675
Equals:	8.27389
Total Overhead Lines Operating Cost Multiplier	8.27389

## Underground Lines Operating Cost Multiplier

<b>Assumptions</b>	
Revenue Requirements Life	32
O&M Expense Per Conductor Feet	\$0.19440
' (\$3,026,172 / 15,567,024 = \$0.19440 Dollars/Ft)	
O&M Annual Escalation Percent	2.52%
Discount Rate	7.35%

<b>Calculation of Underground Lines Operating Cost Multiplier</b>	
Cumulative PV	\$50,036,926
divided by:	
Year-End 2018 Underground Conductor Feet	15,567,024
PV Operating Cost Factor	3.21429
Plus:	
In-Direct Operating Cost Multiplier	3.04675
Equals:	
Total Underground Lines Operating Cost Multiplier	6.26104



## In-Direct Operating Cost Multiplier

### Assumptions

Revenue Requirements Life	32
O&M Expense Per Conductor Feet	\$0.18426
' ( $\$12,746,212 / 69,173,808 = \$0.18426$ Dollar/Ft)	
O&M Annual Escalation Percent	2.52%
Discount Rate	7.35%

### Calculation of In-Direct Operating Cost Multiplier

Cumulative PV	\$210,755,183
divided by:	
Year-End 2018 System Conductor Feet	69,173,808
PV Operating Cost Factor	<u>3.04675</u>

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

**Not Applicable for Gulf**

**Gulf Power Company  
Year End Customers  
Overhead Versus Underground  
1972 - 2018**

	<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
2012	263,375	171,196	434,571
2013	264,559	174,830	439,389
2014	265,388	178,659	444,047
2015	267,118	182,353	449,471
2016	269,026	186,389	455,415
2017	270,537	191,269	461,806
2018	268,775	194,208	462,983

(1) The underground customers increased 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. Underground customer count represents customers served on underground lateral lines as reported with the Annual Reliability and Storm Hardening Initiatives Report.

WORKPAPERS  
FOR  
UNDERGROUND  
SERVICE  
GULF POWER COMPANY

April 1, 2019

# 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) 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	\$3,119	\$0	\$3,119	\$654,990	\$2,551	\$535,710	\$568
2	\$3,119	\$219	\$2,900	\$609,000	\$2,551	\$535,710	\$349
3	\$3,119	\$359	\$2,760	\$579,600	\$2,551	\$535,710	\$209

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	\$219	\$45,990
B	Applicant supplies primary and secondary duct	\$140	\$29,400
Total		\$359	\$75,390

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 210 - Lot	Total Price Reduction (\$) 210 - Lot
1	None	\$0	\$0
2	A	\$219	\$45,990
3	A+B	\$359	\$75,390

**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	13					357	92						61	60	\$583			
Cable - Primary & Secondary			158	149	85	79								41	354	\$866			
Cable - Services	86	201												15	208	\$510			
Trench Primary And Secondary									95	30	5	0					89	\$219	A
Trench Service Duct - Pri and Secondary													179				123	\$302	
Material			48		23									12				\$83	B
Labor				0		0												\$57	B
Duct Service																			
Material	65													11				\$76	
Labor		0																\$53	
<b>Total (1)</b>	<b>\$151</b>	<b>\$214</b>	<b>\$206</b>	<b>\$149</b>	<b>\$108</b>	<b>\$79</b>	<b>\$357</b>	<b>\$92</b>	<b>\$95</b>	<b>\$30</b>	<b>\$5</b>	<b>\$0</b>	<b>\$179</b>	<b>\$140</b>	<b>\$944</b>	<b>\$2,749</b>			

Notes;

(1) Ties to Page 6

(2) Ties to Page WP-4

Activity A Total = \$ 219

Activity B Total = \$ 140



Typical Subdivision  
 Summary of 176 Lot Subdivision  
 Differential Cost

(1) Option	(2) Total URD Cost Per URD Lot (\$) 176-Lot	(3) Credits for Applicants Doing & Supplying Work	(4) Credited URD Cost per Lot (\$) 176-LOT	(5) Total URD Cost (\$) 176-LOT	(6) Total Overhead Cost Per OH Lot (\$) 176-Lot	(7) Total OH Cost (\$) 176-LOT	(8) Differential Cost per Lot (\$) 176-LOT
1	\$2,430	\$0	\$2,430	\$427,680	\$1,821	\$320,496	\$609
2	\$2,430	\$154	\$2,276	\$400,576	\$1,821	\$320,496	\$455
3	\$2,430	\$265	\$2,165	\$381,040	\$1,821	\$320,496	\$344

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	\$154	\$27,104
B	Applicant supplies primary and secondary duct	\$111	\$19,536
Total		\$265	\$46,640

Option	Activities Performed by the Applicant	Price / Lot Reduction (\$) 176 - Lot	Total Price Reduction (\$) 176 - Lot
1	None	\$0	\$0
2	A	\$154	\$27,104
3	A+B	\$265	\$46,640

**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					240	54						41	33	\$380	
Cable - Primary & Secondary			98	94	106	95								35	295	\$723	
Cable - Services	65	178												11	175	\$429	
Trench Primary And Secondary									52	35	3	1			63	\$154	A
Trench Service Duct - Pri and Secondary													179		123	\$302	
Material			30		26									10		\$66	B
Labor				0		0									45	\$45	B
Duct Service																	
Material	50													8		\$56	
Labor		0													41	\$41	
<b>Total (1)</b>	<b>\$115</b>	<b>\$190</b>	<b>\$128</b>	<b>\$94</b>	<b>\$132</b>	<b>\$95</b>	<b>\$240</b>	<b>\$54</b>	<b>\$52</b>	<b>\$35</b>	<b>\$3</b>	<b>\$1</b>	<b>\$179</b>	<b>\$105</b>	<b>\$775</b>	<b>\$2,198</b>	

Notes;

(1) Ties to Page 12

(2) Ties to Page WP-7

Activity A Total = \$ 154

Activity B Total = \$ 111