

Gulf Power Company
500 Baymont Parkway
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Telephone 904 444-8231

Susan D. Cranmer
Assistant Secretary and
Assistant Treasurer

the southern electric system

March 18, 1996

ORIGINAL
FILE COPY

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

960325-EI

Dear Ms. Bayo:

In accordance with Order No. 8483 in Docket No. 770158-EU, Gulf Power Company is enclosing its 1995 Underground Distribution Differential Cost Report.

Also enclosed for official filing are the original and fifteen copies of Gulf Power Company's tariff sheets listed below. These sheets include the new cost differentials shown in the report. A coded copy of each tariff sheet has been provided to show the changes to the existing tariff sheet.

<u>Identification</u>	<u>New Sheet</u>	<u>Old Sheet</u>
Section IV		
Part VI - Underground Distribution Facilities		
	Fifth Rev. No. 4.25	Fourth Rev. No. 4.25
	Ninth Rev. No. 4.26	Eighth Rev. No. 4.26
	Fourth Rev. No. 4.28	Fourth Rev. No. 4.28
	Fourth Rev. No. 4.28.1	Third Rev. No. 4.28.1

APP _____ Please return two copies of the approved tariff sheets to my attention.

APP _____ Sincerely,

CNF _____
CNG _____
CTR _____
EAG _____
LEG _____
LIN _____
CPC _____
RCH _____
SEC _____

Susan D. Cranmer

EAG _____ lw

LIN _____ Enclosures

CPC _____ cc: Beggs and Lane

RCH _____ Jeffrey A. Stone, Esquire

SEC _____

APP _____

RECEIVED & FILED

FPSC-BUREAU OF RECORDS

ADMINISTRATION MAIL ROOM
MAR 19 10 19 AM '96

RECEIVED

DOCUMENT NUMBER-DATE

03255 MAR 19 96

FPSC-RECORDS/REPORTING

"Our business is customer satisfaction"

Gulf Power Company

1996 Underground Distribution Differential Cost

Report to the

**ORIGINAL
FILE COPY**

Florida Public Service Commission

DOCUMENT NUMBER-DATE

03255 MAR 19 88

FPSC-RECORDS/REPORTING

Gulf Power Company

1996 Underground Distribution Differential Cost Report to Florida Public Service Commission

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Florida Public Service Commission
Order No. 8483
Docket No. 770158
Gulf Power Company

**Gulf Power Company Submits the
Following Data On The 210 Lot
Typical Subdivision For Information
Purposes Only In Accordance With
Commission Order No. 8453
Docket No. 770158**

Gulf Power Company
Overhead VS Underground
Summary Sheet
Cost Per Lot
210 Lot Single Family Residential
1996

<u>Item</u>	<u>Overhead</u>	<u>Underground</u>	<u>Differential</u>
Labor	375.13	894.47	519.33
Material	400.91	626.15	225.24
Total	776.04	1,520.62	744.58

Gulf Power Company
Cost Per Lot
Overhead Material And Labor
210 Lot Single Family Residential
1996

Item	Material (1)	Labor (4)	Total
Service (2)	66.59	35.40	101.98
Primary	17.03	16.05	33.08
Secondary	9.06	5.75	14.81
Initial Tree Trim		31.93	31.93
Poles	93.72	104.40	198.12
Transformers (3)	181.55	88.02	269.58
 Subtotal	 367.95	 281.55	 649.51
Stores Handling (5)	32.96		32.96
 Subtotal	 400.91	 281.55	 682.46
Engineering (6)		93.58	93.58
 Total	 400.91	 375.13	 776.04

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 16% of All Material (Less Meters and Transformers)

(6) 21.1% of All Material (Less Meters and Transformers)

Gulf Power Company
Cost Per Lot
Underground Material And Labor
210 Lot Single Family Residential
1996

Item	Material (1)	Labor (4)	Total
Service (2)	115.40	144.06	259.46
Primary	163.29	164.84	328.13
Secondary	56.16	81.17	137.33
Transformers (3)	236.67	54.87	291.54
Primary Trenching		78.23	78.23
Secondary Trenching		43.08	43.08
Service Trenching		130.55	130.55
Subtotal	571.52	696.80	1,268.32
Stores Handling (5)	54.63		54.63
Subtotal	626.15	696.80	1,322.96
Engineering (6)		197.66	197.66
Total	626.15	894.47	1,520.62

(1) Includes Sales Tax

(2) Includes Meter

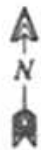
(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 16% of All Material (Less Meters and Transformers)

(6) 21.1% of All Material (Less Meters and Transformers)

210 Lot Subdivision



THIS PLAN IS A PRELIMINARY PLAN AND IS SUBJECT TO THE APPROVAL OF THE CITY OF TAMPA. THE CITY OF TAMPA IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE CITY OF TAMPA IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE CITY OF TAMPA IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.

NO.	DESCRIPTION	AREA
1	LOT 1	100
2	LOT 2	100
3	LOT 3	100
4	LOT 4	100
5	LOT 5	100

7A

Gulf Power

210 LOT TYPICAL SUBDIVISION

DATE: _____

SCALE: _____

BY: _____

FOR: _____

Gulf Power Company
Overhead VS Underground
Summary Sheet
Cost Per Lot
176 Lot Single Family Residential
1996

<u>Item</u>	<u>Overhead</u>	<u>Underground</u>	<u>Differential</u>
Labor	288.57	680.04	391.47
Material	317.16	522.04	204.89
Total	605.73	1,202.09	596.36

Gulf Power Company
Cost Per Lot
Overhead Material And Labor
176 Lot Single Family Residential
1996

Item	Material (1)	Labor (4)	Total
Service (2)	53.28	26.96	80.23
Primary	10.23	11.05	21.28
Secondary	9.23	5.85	15.08
Initial Tree Trim		19.05	19.05
Poles	78.73	78.60	157.32
Transformers (3)	139.37	74.19	213.56
Subtotal	290.82	215.70	506.52
Stores Handling (5)	26.33		26.33
Subtotal	317.16	215.70	532.86
Engineering (6)		72.87	72.87
Total	317.16	288.57	605.73

(1) Includes Sales Tax

(2) Includes Meter

(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 16% of All Material (Less Meters and Transformers)

(6) 21.1% of All Material (Less Meters and Transformers)

Gulf Power Company
 Cost Per Lot
 Underground Material And Labor
 176 Lot Single Family Residential
 1996

Item	Material (1)	Labor (4)	Total
Service (2)	88.28	107.78	196.07
Primary	104.95	100.18	205.13
Secondary	45.09	68.81	113.91
Transformers (3)	244.34	57.57	301.91
Primary Trenching		36.94	36.94
Secondary Trenching		30.54	30.54
Service Trenching		130.55	130.55
Subtotal	482.67	532.39	1,015.05
Stores Handling (5)	39.38		39.38
Subtotal	522.04	532.39	1,054.43
Engineering (6)		147.66	147.66
Total	522.04	680.04	1,202.09

(1) Includes Sales Tax

(2) Includes Meter

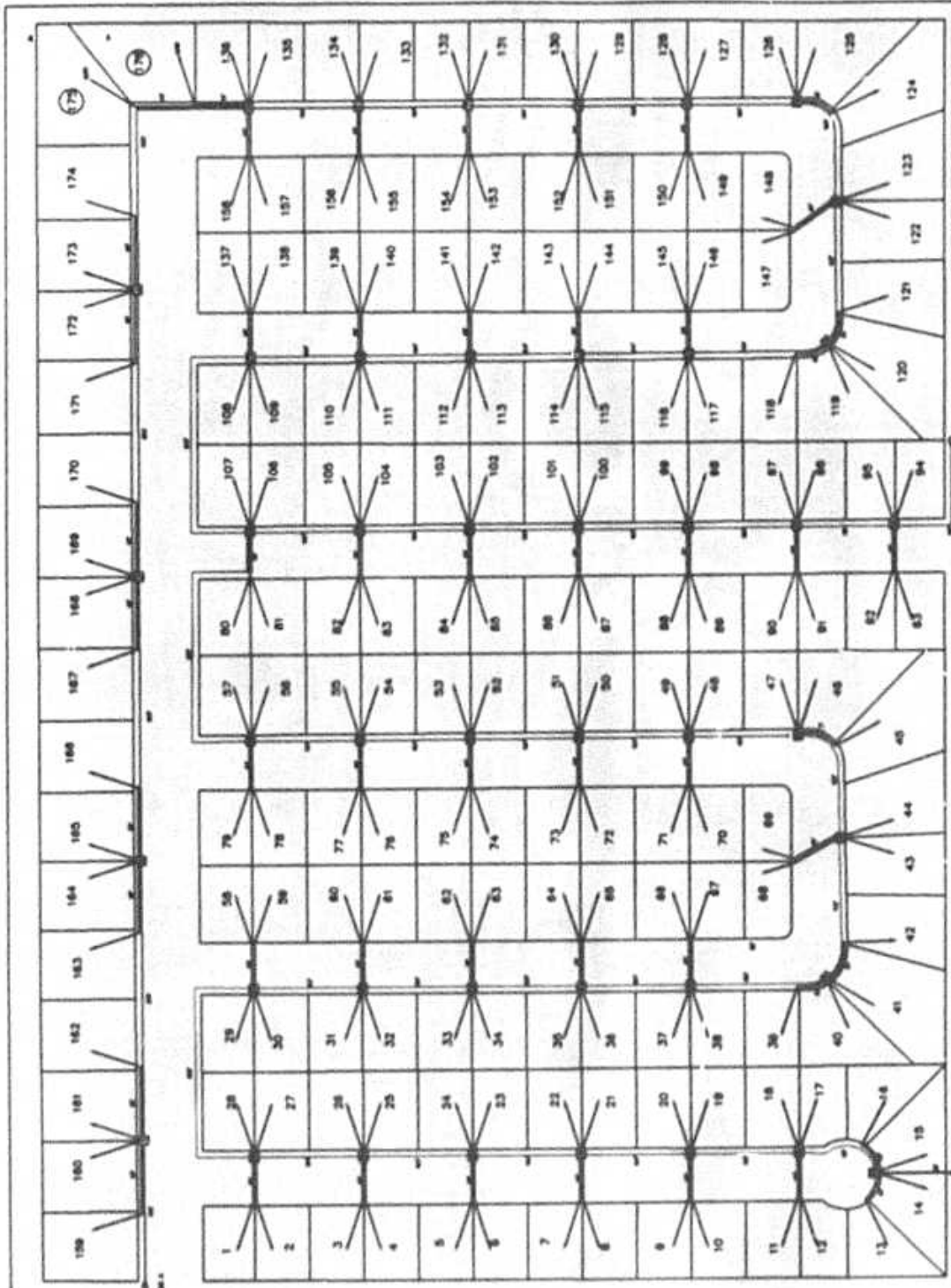
(3) Includes Ground Rods, Arresters and Cutouts

(4) Includes Administrative, General Expenses, and Transportation

(5) 16% of All Material (Less Meters and Transformers)

(6) 21.1% of All Material (Less Meters and Transformers)

176 Lot Subdivision



RISER #	CONDUIT	CHARGE KVA	PEAK AMPS
A	57	512.5	53.1
B	60	562.5	55.9
C	56	500	54.8

CONDUIT	CALC. LOAD	TR. SIZE (KVA)
5	21.8	25
3	21.8	25
4	28.9	37.4
5	31.8	42.2
6	36.5	48.5

NOTE:
 1. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA
 2. IF ANY CHANGES ARE MADE TO THE INFORMATION AND DATA
 3. THE TR. SIZES SHOULD BE RECHECKED.
 4. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA
 5. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA
 6. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA

REVISIONS:
 A. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA
 B. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA
 C. ALL TR. SIZES ARE BASED ON THE INFORMATION AND DATA

Gulf Power

PROJECT: 179-101 TRNGAL 179-101

DATE: 1/10/10

BY: [Signature]

SCALE: 1/8" = 1'-0"

179-101

**GULF POWER COMPANY
 1995 OVERHEAD VERSUS UNDERGROUND EXPENSES**

ACCOUNT NUMBER	OPER. & MAINT. EXPENSES	OVERHEAD	UNDERGROUND
583-111, 112, 113	Install & Remove OH Transformers	\$549,543	
583-200	OH Transformers - First Cost	(\$277,029)	
583-900	OH Line - Operations	\$642,946	
584-111, 331, 332, 333	Install & Remove UG Transformers		\$263,109
584-400	UG Transformers - First Cost		(\$88,105)
584-900, 950, 951	UG Line - Operations		\$126,950
593-100	Tree Trim	\$3,341,695	
593-200, 203, 205, 208, 209, 2 -211, 250, 251, 295, 400	OH Poles, Towers, Conductor	\$4,712,929	
594-100, 500, 503, 505, 511	UG Line - Maintenance		\$1,547,163
595-100	OH Transformers - Maintenance	\$781,731	
595-200, 300, 301	UG Transformers - Maintenance		\$106,694
	TOTAL	\$9,751,815	\$1,955,811

All Information From December, 1995 Budget Comparison

**GULF POWER COMPANY
JOINT TRENCHING
UG RESIDENTIAL DISTRIBUTION
1995**

NONE IN 1995

GULF POWER COMPANY
 YEAR-END CUSTOMERS
 OVERHEAD VERSUS UNDERGROUND
 1972 - 1995

YEAR	OVERHEAD	UNDERGROUND	TOTAL
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

(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.

GULF POWER COMPANY

6.2.7 (continued)

Should paving, grass, landscaping, or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching, backfilling, and restoring the paving, grass, landscaping, and sprinkler systems to their original condition.

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</u>	<u>High Density Subdivision</u>
1.	Gulf supplies all labor and materials.	586	475
2.	Applicant digs trench and installs primary and secondary duct system. Gulf provides primary and secondary duct materials and supplies the labor and material for services.	395	357
3.	Applicant digs trench and installs primary and secondary duct system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Gulf supplies the labor and material for services.	309	304
4.	Applicant digs trench and installs primary and secondary duct secondary duct system. Applicant or Builder also digs trench and installs service duct system. Gulf Power provides all duct and fittings for primary, secondary, and service system.	241	212
5.	Applicant digs trench and installs primary and secondary duct system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Gulf Power provides duct and fittings for service system.	155	158

GULF POWER COMPANY

Canceling Eighth Revised Sheet No. 4.26

6.3.2 (continued)

- | | | | |
|----|--|-----|-----|
| 6. | Applicant digs trench and installs primary and secondary duct system. Gulf Power provides duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Applicant or Builder supplies (Gulf Power approved) duct and fittings for service system. | 190 | 179 |
| 7. | Applicant digs trench and installs primary and secondary duct system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Applicant or Builder supplies (Gulf Power approved) duct and fittings for service system. | 104 | 125 |

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

(b) The Applicant is required to pay \$4.87 per foot for three phase commercial loads requiring 120/240 volt service in new residential subdivisions (example: lift stations, etc.) for each three phase service. This average cost will be added to the advanced payment in 6.3.2(a) above.

(c) The Applicant is required to pay all additional costs required for a service lateral length in excess of the minimum which would have been needed to reach the Company's designated point of delivery.

(d) The above charges are based upon arrangement of distribution facilities that will permit serving the local single-phase underground distribution system within the subdivision from existing overhead feeder mains. If the feeder mains or other three-phase facilities within the subdivision are deemed necessary by the Company to provide and/or maintain adequate service and are required by the Applicant or governmental agency to be installed underground, the Applicant shall pay the Company the estimated cost differential between the underground feeder mains, or other three-phase facilities and the equivalent overhead facilities.

6.3.3 FACILITIES TO BE UNDERGROUND. All service laterals and secondary and single phase primary conductors shall be underground. Appurtenances such as transformers, pedestal-mounted terminals, switching equipment, and meter cabinets may be placed above ground. Feeder mains required within a subdivision may be overhead if the Applicant and the Company determine that the additional cost of underground is not justified for that particular location, unless otherwise required by governmental authority, in which case the differential cost will be borne by the Applicant or governmental authority.

6.3.4 POINT OF DELIVERY. The point of delivery to the building shall be determined by the Company and normally will be at the point of the building nearest the point at which the underground secondary system is available to the property to be served. If the point of delivery on any building is more than fifty (50) feet in length from the available secondary system (sixty-five [65] feet for low density subdivisions), then the Applicant may be required to make additional payment for the excess length.

6.3.5 LOCATION OF METER AND SOCKET & SERVICE ENTRANCE FACILITIES. The Applicant shall install a meter socket and suitable service entrance facilities at the point designated by the Company in accordance with the Company's specifications. Service conductors shall be installed, where possible, in a direct line to the point of delivery.

6.3.6 DEVELOPMENT OF SUBDIVISIONS. The above charges are based on reasonably full and timely use of the land being developed. Where the Company is required to construct underground electric facilities through a section or sections of the subdivision or development where, in the opinion of the

GULF POWER COMPANY

Canceling Third Revised Sheet No. 4.28

6.5.2 NON-BINDING COST ESTIMATES. An Applicant may obtain a non-binding estimate of the charges the Applicant would be obligated to pay in order for the Company to provide underground distribution facilities. This non-binding estimate will be provided to the Applicant without any charge or fee upon completion of the Application for Underground Cost Estimate set forth in Section VII of this tariff, Standard Contract Forms, at Sheet No. 7.43.

6.5.3 BINDING COST ESTIMATES. An Applicant, upon payment of a non-refundable deposit and completion of the Application for Underground Cost Estimate set forth in Section VII of this tariff, Standard Contract Forms, at Sheet No. 7.43, may obtain an estimate of the charges for underground distribution facilities, which estimate the Company would be bound to honor as provided below. The deposit amount, which approximates the engineering costs for underground facilities associated with preparing the requested estimate, shall be calculated as follows:

New Construction

Urban Commercial	\$ 888.00 per trench mile
Urban Residential	\$ 666.00 per trench mile
Rural Residential	\$1,017.00 per trench mile

Conversion

Urban Commercial	\$1,815.00 per overhead primary mile
Urban Residential	\$2,955.00 per overhead primary mile
Rural Residential	\$2,398.00 per overhead primary mile
210 Lot Subdivision	\$2,274.00 per overhead primary mile
176 Lot Subdivision	\$3,977.00 per overhead primary mile

An Applicant desiring the Company to proceed with construction of the underground facilities described in a binding cost estimate may enter into a contract with the Company based on said estimate on or before the 180th day following Applicant's receipt of the estimate. So long as the contract is entered into by such date, the contract shall provide that the charges the Applicant is obligated to pay for installation of the underground facilities will be the actual costs incurred subject to the limitation that the charges to the Applicant will not exceed 110 percent of the amount set forth in the binding estimate. So long as said contract is entered into by the date specified above, it shall further provide that the total charges the Applicant is obligated to pay for installation of underground facilities determined as set forth in section 6.5.4 below shall be reduced by the amount of the posted deposit associated with the binding cost estimate.

6.5.4 CONTRIBUTION BY APPLICANT. Prior to the installation of underground facilities covered by this subpart, the Applicant and the Company must enter into a contractual agreement setting forth the terms and conditions of the installation. The charge to be paid by the Applicant for underground facilities pursuant to the contractual agreement shall be determined as follows:

GULF POWER COMPANY

6.5.4 (continued)

The cost of construction of the underground distribution facilities including the construction cost of the underground service lateral(s) to the meter(s) of the customer(s);

plus (if applicable) the estimated remaining book value of any existing facilities to be removed as part of the conversion of existing overhead facilities to underground, less the estimated net salvage value of the facilities to be removed;

minus the estimated construction cost to build new overhead facilities, including the service drop(s) to the meter(s) of the customer(s).

If the installation of the underground facilities is made pursuant to a contractual agreement based on a binding cost estimate received by the Applicant no more than 180 days prior to the date of the contractual agreement, the provisions of section 6.5.3 shall limit and modify the contribution to be paid by the Applicant for underground facilities.

6.5.5 METER SOCKETS AND SERVICE ENTRANCE FACILITIES. The Applicant shall install service entrance facilities including meter sockets or suitable facilities for installation of the Company's meters at a location suitable to the Company. Meter sockets or facilities for installation of the Company's meters shall be of a type and manufacture approved by the Company.

6.5.6 UNDERGROUND SECONDARY LATERAL SERVICE IN AN OVERHEAD RESIDENTIAL OR COMMERCIAL AREA. When requested by a residential or commercial Applicant, the Company will install, own, and maintain a single phase underground secondary service lateral from its overhead facilities to the Applicant's point of delivery. The Applicant shall install a meter socket and suitable service entrance facilities at the point designated by the Company in accordance with the Company's specification. Prior to such installation, the Applicant and the Company will enter into an agreement outlining the terms and conditions of the installation, and the Applicant will be required to pay the Company in advance the following average differential cost between an overhead service and an underground service lateral for service laterals up to 200 feet:

Single Phase Residential or Commercial Applications up to 400 amps Main.

Scenario:

1. Gulf Power Co. supplies all labor.
2. Customer digs and covers ditch.
3. Customer digs and covers ditch and installs duct.
4. Customer digs and covers ditch and installs duct and installs cable in duct.

Formula:

\$541.02 + \$0.6004 per foot
\$334.38 - \$0.3833 per foot
\$300.48 - \$1.419 per foot
\$300.48 - \$2.61 per foot (\$0 from 120' to 200')

Three Phase Residential or Commercial Applications up to 400 amps Main.

Scenario:

1. Gulf Power Co. supplies all labor.
2. Customer digs and covers ditch.
3. Customer digs and covers ditch and installs duct.
4. Customer digs and covers ditch and installs duct and installs cable in duct.

Formula:

\$577.99 + \$0.8245 per foot
\$371.36 - \$1.8079 per foot
\$337.46 - \$2.8437 per foot (\$0 from 120'-200')
\$337.46 - \$4.2561 per foot (\$0 from 80'-200')

Scenario 4 is only available to qualified people.

Service laterals in excess of 200 feet shall be based upon a specific cost estimate.

Legislative Format

GULF POWER COMPANY

6.2.7 (continued)

Should paving, grass, landscaping, or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching, backfilling, and restoring the paving, grass, landscaping, and sprinkler systems to their original condition.

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 of \$350.00 per lot for the low density subdivision or cost of \$280.00 per lot for the high density subdivision. The Applicant may defer the cost of \$163.00 per lot for the low density subdivision or cost of \$184.00 per lot for the high density subdivision for the service lateral charge. This deferred payment may be paid by the Applicant within ninety (90) days after the initial advance of \$100.00 per lot for the low density subdivision and \$96.00 per lot for the high density subdivision for the basic primary system.~~

(b) ~~When a subdivision contains an average of 1.5 or more dwelling units per acre, the Applicant shall pay the Company the average cost differential for a single phase residential underground distribution system based on the number of service laterals required or the number of the dwelling units as follows:~~

~~Low Density Subdivisions per service lateral or dwelling unit \$350.00~~

~~High Density Subdivisions per service lateral or dwelling unit \$280.00~~

~~Customer may choose to preinstall duct crossings at a cost:~~

~~\$7.00 per LOT for High Density Subdivisions~~

~~\$5.00 per LOT for Low Density Subdivisions~~

(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:

		Low Density Subdivision	High Density Subdivision
Option			
1.	Gulf supplies all labor and materials.	586	475
2.	Applicant digs trench and installs primary and secondary duct system. Gulf provides primary and secondary duct materials and supplies the labor and material for services.	395	357
3.	Applicant digs trench and installs primary and secondary duct	309	304

system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Gulf supplies the labor and material for services.

4. Applicant digs trench and installs primary and secondary duct secondary duct system. Applicant or Builder also digs trench and installs service duct system. Gulf Power provides all duct and fittings for primary, secondary, and service system. 241 212

5. Applicant digs trench and installs primary and secondary duct system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Gulf Power provides duct and fittings for service system. 155 158

ISSUED BY: Travis Bowden

EFFECTIVE: April 18, 1995

GULF POWER COMPANY

6.3.2 (continued)

6.	<u>Applicant digs trench and installs primary and secondary duct system. Gulf Power provides duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Applicant or Builder supplies (Gulf Power approved) duct and fittings for service system.</u>	190	179
7.	<u>Applicant digs trench and installs primary and secondary duct system. Applicant supplies (Gulf Power approved) duct and fittings for primary and secondary system. Applicant or Builder also digs trench and installs service duct system. Applicant or Builder supplies (Gulf Power approved) duct and fittings for service system.</u>	104	125

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

(b)(e) The Applicant is required to pay \$4.87 per foot ~~an average cost of \$3,183.00~~ for three phase commercial loads requiring 120/240 volt service in new residential subdivisions (example: lift stations, etc.) for each three phase service. This average cost will be added to the advanced payment in 6.3.2(a) above.

(c)(d) The Applicant is required to pay all additional costs required for a service lateral length in excess of the minimum which would have been needed to reach the Company's designated point of delivery.

(d)(e) The above charges are based upon arrangement of distribution facilities that will permit serving the local single-phase underground distribution system within the subdivision from existing overhead feeder mains. If the feeder mains or other three-phase facilities within the subdivision are deemed necessary by the Company to provide and/or maintain adequate service and are required by the Applicant or governmental agency to be installed underground, the Applicant shall pay the Company the estimated cost differential between the underground feeder mains, or other three-phase facilities and the equivalent overhead facilities.

6.3.3 FACILITIES TO BE UNDERGROUND. All service laterals and secondary and single phase primary conductors shall be underground. Appurtenances such as transformers, pedestal-mounted terminals, switching equipment, and meter cabinets may be placed above ground. Feeder mains required within a subdivision may be overhead if the Applicant and the Company determine that the additional cost of underground is not justified for that particular location, unless otherwise required by governmental authority, in which case the differential cost will be borne by the Applicant or governmental authority.

6.3.4 POINT OF DELIVERY. The point of delivery to the building shall be determined by the Company and normally will be at the point of the building nearest the point at which the underground secondary system is available to the property to be served. If the point of delivery on any building is more than fifty (50) feet in length from the available secondary system (sixty-five [65] feet for low density subdivisions), then the Applicant may be required to make additional payment for the excess length.

6.3.5 LOCATION OF METER AND SOCKET & SERVICE ENTRANCE FACILITIES. The Applicant shall install a meter socket and suitable service entrance facilities at the point designated by the Company in accordance with the Company's specifications. Service conductors shall be installed, where possible, in a direct line to the point of delivery.

6.3.6 DEVELOPMENT OF SUBDIVISIONS. The above charges are based on reasonably full and timely use of the land being developed. Where the Company is required to construct underground electric facilities through a section or sections of the subdivision or development where, in the opinion of the

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6.5.2 **NON-BINDING COST ESTIMATES.** An Applicant may obtain a non-binding estimate of the charges the Applicant would be obligated to pay in order for the Company to provide underground distribution facilities. This non-binding estimate will be provided to the Applicant without any charge or fee upon completion of the Application for Underground Cost Estimate set forth in Section VII of this tariff, Standard Contract Forms, at Sheet No. 7.43.

6.5.3 **BINDING COST ESTIMATES.** An Applicant, upon payment of a non-refundable deposit and completion of the Application for Underground Cost Estimate set forth in Section VII of this tariff, Standard Contract Forms, at Sheet No. 7.43, may obtain an estimate of the charges for underground distribution facilities, which estimate the Company would be bound to honor as provided below. The deposit amount, which approximates the engineering costs for underground facilities associated with preparing the requested estimate, shall be calculated as follows:

New Construction

Urban Commercial	\$ 888.00 ^{782.00} per trench mile
Urban Residential	\$ 666.00 ^{586.00} per trench mile
Rural Residential	\$ 1,017.00 ^{895.00} per trench mile

Conversion

Urban Commercial	\$ 1,815.00 ^{1,598.00} per overhead primary mile
Urban Residential	\$ 2,955.00 ^{2,604.00} per overhead primary mile
Rural Residential	\$ 2,398.00 ^{2,141.00} per overhead primary mile
210226 Lot Subdivision	\$ 2,274.00 ^{2,002.00} per overhead primary mile
176 Lot Subdivision	\$ 3,977.00 ^{3,500.00} per overhead primary mile

An Applicant desiring the Company to proceed with construction of the underground facilities described in a binding cost estimate may enter into a contract with the Company based on said estimate on or before the 180th day following Applicant's receipt of the estimate. So long as the contract is entered into by such date, the contract shall provide that the charges the Applicant is obligated to pay for installation of the underground facilities will be the actual costs incurred subject to the limitation that the charges to the Applicant will not exceed 110 percent of the amount set forth in the binding estimate. So long as said contract is entered into by the date specified above, it shall further provide that the total charges the Applicant is obligated to pay for installation of underground facilities determined as set forth in section 6.5.4 below shall be reduced by the amount of the posted deposit associated with the binding cost estimate.

6.5.4 **CONTRIBUTION BY APPLICANT.** Prior to the installation of underground facilities covered by this subpart, the Applicant and the Company must enter into a contractual agreement setting forth the terms and conditions of the installation. The charge to be paid by the Applicant for underground facilities pursuant to the contractual agreement shall be determined as follows:

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6.5.4 (continued)

The cost of construction of the underground distribution facilities including the construction cost of the underground service lateral(s) to the meter(s) of the customer(s);

plus (if applicable) the estimated remaining book value of any existing facilities to be removed as part of the conversion of existing overhead facilities to underground, less the estimated net salvage value of the facilities to be removed;

minus the estimated construction cost to build new overhead facilities, including the service drop(s) to the meter(s) of the customer(s).

If the installation of the underground facilities is made pursuant to a contractual agreement based on a binding cost estimate received by the Applicant no more than 180 days prior to the date of the contractual agreement, the provisions of section 6.5.3 shall limit and modify the contribution to be paid by the Applicant for underground facilities.

6.5.5 METER SOCKETS AND SERVICE ENTRANCE FACILITIES. The Applicant shall install service entrance facilities including meter sockets or suitable facilities for installation of the Company's meters at a location suitable to the Company. Meter sockets or facilities for installation of the Company's meters shall be of a type and manufacture approved by the Company.

6.5.6 UNDERGROUND SECONDARY LATERAL SERVICE IN AN OVERHEAD RESIDENTIAL OR COMMERCIAL AREA. When requested by a residential or commercial Applicant, the Company will install, own, and maintain a single phase underground secondary service lateral from its overhead facilities to the Applicant's point of delivery. The Applicant shall install a meter socket and suitable service entrance facilities at the point designated by the Company in accordance with the Company's specification. Prior to such installation, the Applicant and the Company will enter into an agreement outlining the terms and conditions of the installation, and the Applicant will be required to pay the Company in advance the following average differential cost between an overhead service and an underground service lateral for service laterals up to 200 feet:

Single Phase Residential or Commercial Applications up to 400 amps Main.

Scenario:

1. Gulf Power Co. supplies all labor.
2. Customer digs and covers ditch.
3. Customer digs and covers ditch and installs duct.
4. Customer digs and covers ditch and installs duct

Formula:

~~$\$541.02 + \$0.6004\$900.07 + \1.1736 per foot~~
 ~~$\$334.38 - \$0.3833\$441.47 - \0.2040 per foot~~
 ~~$\$300.48 - \$1.419\$280.63 - \0.6464 per foot~~
 ~~$\$300.48 - \$2.61\$280.63 - \1.2220 per foot (\$0 from~~

120' to 200'

and installs cable in duct.

Three Phase Residential or Commercial Applications up to 400 amps Main.

Scenario:

1. Gulf Power Co. supplies all labor.
2. Customer digs and covers ditch.
3. Customer digs and covers ditch and installs duct.
4. Customer digs and covers ditch and installs duct

Formula:

~~$\$577.99 + \$0.8245\$635.04 + \0.00 per foot~~
 ~~$\$371.38 - \$1.8079\$348.46 - \1.6069 per foot~~
 ~~$\$337.46 - \$2.6437\$315.61 - \1.8304 per foot (\$0 from~~
 ~~$\$337.46 - \$4.2561\$315.61 - \2.4370 per foot (\$0 from~~

120' 172'-200'

80' 126'-200'

and installs cable in duct.

Scenario 4 is only available to qualified people and not your average customer.

Service laterals in excess of 200 feet shall be based upon a specific cost estimate.