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ORIGINAL

August 22, 2000

HAND DELIVERED

RECEIVED-FPSC
00 AUG 22 PM 1:42
RECORDS AND REPORTING

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: URD Petition – 2000; FPSC Docket No. 000392-EI

Dear Ms. Bayo:

On April 3, 2000 we filed a petition on behalf of Tampa Electric Company for approval of charges for underground distribution facilities. Attached to that petition was a set of documents supporting the cost differential addressed in the petition.

In reviewing the attachments to Tampa Electric's petition the Commission's Staff noted an error in the amount of neutral conductor for both the high and low density designs. The enclosed revised attachments correct these errors for both designs. However, in reviewing the high density design, Tampa Electric noted that the cable quantity for the secondary conductors was overstated and, therefore, has revised that along with the neutral conductor. This resulted in an increase in the per lot cost.

Overall, for the overhead high density design, the per lot cost will increase from \$199.57 to \$217.11 after these corrections are taken into account. The corrections contained in the enclosed revised attachments will decrease the overhead low density per lot cost from \$285.68 to \$276.57.

- APP _____
- CAF _____
- OMP _____
- COM _____
- CTR _____
- ECR 1
- LEG 1
- OPC _____
- PAI _____
- RGO 1
- SEC _____
- SER 2
- OTH _____

No changes to the drawings for pages 4, 6, 9, and 11 in the original attachment needed to be made for this revision, so no new pages are being sent with the enclosed attachment.

We would appreciate your circulating a copy of this letter and the revised attachment to the recipients of the original April 3, 2000 filing.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

RECEIVED & FILED

Mark R.

DOCUMENT NUMBER-DATE

FPSC-BUREAU OF RECORDS 0295 AUG 22 8

FPSC-RECORDS/REPORTING

Ms. Blanca S. Bayo
August 22, 2000
Page 2

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "James D. Beasley", with a stylized flourish at the end.

James D. Beasley

JDB/pp
Attachments

Tampa Electric Company
Docket No. 000392-EI
Filed: April 3, 2000
Revised: August 22, 2000

2000 OVERHEAD AND UNDERGROUND

RESIDENTIAL DISTRIBUTION COSTS

This report presents the details of estimated overhead and underground distribution costs to serve residential Customers in subdivisions. These estimates were made for the typical subdivisions presented in the Answer to Commission Order No. 6031-B filed jointly by Florida Power and Light Company, Florida Power Corporation, Florida Public Utilities Company, Gulf Power Company and Tampa Electric Company, utilizing the appropriate formats for supporting data presented in that Answer.

Included in this report are the total dollars charged in 1999 to each of the various operating and maintenance accounts specifically related to overhead and underground distribution and information related to joint trenching activity.

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**SUMMARY OF RESIDENTIAL DISTRIBUTION
COST DIFFERENTIALS**

I. ESTIMATED AVERAGE COST DIFFERENTIAL FOR LOW DENSITY (SINGLE FAMILY) RESIDENTIAL DISTRIBUTION

COST PER LOT - LOW DENSITY RESIDENTIAL			
Item	Overhead Cost	Underground Cost	Differential Cost
Labor	370.96	542.32	171.36
Material	365.29	470.50	105.21
Total	736.25	1012.82	276.57

II. ESTIMATED AVERAGE COST DIFFERENTIAL FOR HIGH DENSITY (MOBILE HOMES - TOWNHOUSES) RESIDENTIAL DISTRIBUTION

COST PER LOT - HIGH DENSITY RESIDENTIAL			
Item	Overhead Cost	Underground Cost	Differential Cost
Labor	318.09	433.10	115.01
Material	300.56	402.66	102.10
Total	618.65	835.76	217.11

Tampa Electric Company
Docket No. 000392-EI
Filed: April 3, 2000
Revised: August 22, 2000

URD REPORT TO THE FLORIDA PUBLIC SERVICE COMMISSION

SUMMARY OF LOW DENSITY COST DIFFERENTIAL (Single-Family Residential)			
Item	Overhead Cost	Underground Cost	Differential Cost
Labor	370.96	542.32	171.36
Material	365.29	470.50	105.21
Total	736.25	1012.82	276.57

OVERHEAD MATERIAL & LABOR SUMMARY LOW DENSITY (COST PER LOT)			
Item	Material	Labor²	Total
Service	57.21	82.16	139.37
Primary	9.00	23.67	32.67
Secondary	70.56	72.22	142.78
Initial Tree Trim	---	---	---
Poles	76.74	100.02	176.76
Transformers	104.13	47.85	151.98
Sub-Total	317.64	325.92	643.56
Stores Handling ¹	47.65	---	47.65
Sub-Total	365.29	325.92	692.21
Engineering ³	---	45.04	45.04
Total	365.29	370.96	736.25

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 12% of Labor

Tampa Electric Company

April 3, 2000

LOW DENSITY - OVERHEAD DISTRIBUTION LAYOUT

UNDERGROUND MATERIAL & LABOR SUMMARY LOW DENSITY (COST PER LOT)			
Item	Material	Labor²	Total
Service	172.41	99.52	271.93
Primary	88.90	34.49	123.39
Secondary	29.37	27.24	56.61
Transformers	118.45	24.92	143.37
Trenching			
- Primary & Sec.		123.78	123.78
- Services		187.33	187.33
Sub-Total	409.13	497.28	906.41
Stores Handling ¹	61.37		61.37
Sub-Total	470.50	497.28	967.78
Engineering ³		45.04	45.04
Total	470.50	542.32	1,012.82

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 8% of Labor

LOW DENSITY - UNDERGROUND DISTRIBUTION LAYOUT

Tampa Electric Company
Docket No. 000392-EI
Filed: April 3, 2000
Revised: August 22, 2000

URD REPORT TO THE FLORIDA PUBLIC SERVICE COMMISSION

SUMMARY OF HIGH DENSITY COST DIFFERENTIAL MOBILE HOMES/TOWNHOMES (COST PER LOT)			
Item	Overhead Cost	Underground Cost	Differential Cost
Labor	318.09	433.10	115.01
Material	300.56	402.66	102.10
Total	618.65	835.76	217.11

OVERHEAD MATERIAL & LABOR SUMMARY HIGH DENSITY (COST PER LOT)			
Item	Material	Labor²	Total
Service	57.87	82.16	140.03
Primary	5.60	18.05	23.65
Secondary	55.69	63.54	119.23
Initial Tree Trim	---	---	---
Poles	52.77	62.75	115.52
Transformers	89.43	45.20	134.63
Sub-Total	261.36	271.70	533.06
Stores Handling ¹	39.20	---	39.20
Sub-Total	300.56	271.70	572.26
Engineering ³	---	46.39	46.39
Total	300.56	318.09	618.65

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 15% of Labor

Tampa Electric Company

April 3, 2000

HIGH DENSITY - OVERHEAD DISTRIBUTION LAYOUT

UNDERGROUND MATERIAL & LABOR SUMMARY HIGH DENSITY (COST PER LOT)			
Item	Material	Labor²	Total
Service	157.78	88.62	246.40
Primary	69.87	42.86	112.73
Secondary	16.72	19.62	36.34
Transformers	105.77	24.68	130.45
Trenching			
- Primary & Sec.	---	65.92	65.92
- Services		145.01	145.01
Sub-Total	350.14	386.71	736.85
Stores Handling ¹	52.52	---	52.52
Sub-Total	402.66	386.71	789.37
Engineering ³	---	46.39	46.39
Total	402.66	433.10	835.76

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 11% of Labor

HIGH DENSITY - UNDERGROUND DISTRIBUTION LAYOUT

1999 DISTRIBUTION OPERATION AND MAINTENANCE EXPENSE ACCOUNTS
OVERHEAD AND UNDERGROUND

<u>Account</u>	<u>Description</u>	<u>Total Dollars (\$)</u>
583	Operation Overhead Distribution Line	409,776
584	Operation Underground Distribution Line	221,561
593	Maintenance Overhead Distribution Line	8,783,516
594	Maintenance Underground Distribution Line	1,262,126
595	Maintenance Overhead Distribution Transformers	99,929
595	Maintenance Distribution Pad-Mounted Transformers	159,419

**1999 JOINT TRENCHING
UNDERGROUND RESIDENTIAL DISTRIBUTION**

No joint trenching was done by Tampa Electric Company during calendar year 1999.

3.7 SCHEDULE OF STANDARD CHARGES AND NON-REFUNDABLE DEPOSITS FOR COST ESTIMATES FOR UNDERGROUND ELECTRIC DISTRIBUTION SYSTEMS

3.7.1 Standard Charges

The Standard Charges listed here are Contributions In Aid of Construction (CIAC) which are referenced by other sections of these rules and regulations.

3.7.1.1 Residential Subdivision

Low Density Subdivisions per service lateral or dwelling unit...	\$ 278.00
High Density Subdivisions per service lateral or dwelling unit...	\$ 217.00

3.7.1.2 New Single-phase UG Service Laterals from Overhead Distribution Systems

For 200' lateral or less per trench foot (w/ 10' of credit for service 100' or less and 38' of credit for services greater than 100').....	\$ 4.04
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3.7.1.3 Single-phase UG Service Laterals Converted from Existing Overhead Service Drops

For 100' lateral or less.....	\$ 91.00
For 101'-200' lateral.....	\$ 256.00
For 200' lateral or less per trench foot (w/ 10' of credit for services 100' or less and 38' of credit for services greater than 100').....	\$ 4.04

3.7.1.4 New Commercial Three-phase Pad-mounted Transformers

<u>Transformer Size</u>	<u>CIAC</u>
75 KVA	\$1,000
150 KVA	1,000
225 KVA	1,250
300 KVA	1,500
500 KVA	1,750
750 KVA	2,000

3.7 SCHEDULE OF STANDARD CHARGES AND NON-REFUNDABLE DEPOSITS FOR COST ESTIMATES FOR UNDERGROUND ELECTRIC DISTRIBUTION SYSTEMS

3.7.1 Standard Charges

The Standard Charges listed here are Contributions In Aid of Construction (CIAC) which are referenced by other sections of these rules and regulations.

3.7.1.1 Residential Subdivision

Low Density Subdivisions per service lateral or dwelling unit... ~~\$273~~ 278.00
 High Density Subdivisions per service lateral or dwelling unit... ~~\$490~~ 217.00

3.7.1.2 New Single-phase UG Service Laterals from Overhead Distribution Systems

For 200' lateral or less per trench foot (w/8 10' of credit for service 100' or less and 67 38'
 Of credit for services greater than 100')..... \$2.93 ~~4.04~~

3.7.1.3 Single-phase UG Service Laterals Converted from Existing Overhead Service Drops

For 100' lateral or less..... \$400 ~~91.00~~
 For 101'-200' lateral..... \$345 ~~256.00~~

For 200' lateral or less per trench foot (w/8 10' of credit for services 100' or less and 67 38'
 of credit for services greater than 100')..... \$2.93 ~~4.04~~

3.7.1.4 New Commercial Three-phase Pad-mounted Transformers

<u>Transformer Size</u>	<u>CIAC</u>
75 KVA	\$1,000
150 KVA	1,000
225 KVA	1,250
300 KVA	1,500
500 KVA	1,750
750 KVA	2,000

3.7.2 Non-refundable Deposits for Estimates of CIAC

3.7.2.1 New Construction

Requests for construction of new underground systems, except for residential subdivisions covered under Section 3.4.2, will be accompanied by a non-refundable amount as follows:

Density Class	Deposit Amount
Urban Commercial or Residential.....	\$3,904 per mile*
Rural Commercial or Residential.....	\$2,196 per mile*

* Measured along centerline of roadways or proposed roadways

3.7.2.2 Conversion

Qualified applicants can request, upon payment of a non-refundable deposit as listed below, the conversion of overhead distribution facilities to underground in accordance with these Rules and Regulations for conversion areas of not less than one (1) city block in length along both sides of the main distribution system, or in the absence of city blocks, not less than five (5) contiguous building lots along both sides of the main distribution system, or in the absence of both, not the less than 600 pole-feet of the main distribution system, including all Customers served along both sides of the main distribution system, and so as to result in a decrease in the number of non-lighting poles in the system.

Requests for conversions, except for individual residential service covered under Section 3.4.3.3, will be accompanied by a non-refundable amount as follows:

Density Class	Deposit Amount
Urban Commercial or Residential.....	\$6,466 per mile*
Rural Commercial or Residential.....	\$3,782 per mile*
High or Low Density Subdivision.....	\$31 per lot

* As measured along the existing overhead primary and secondary distribution system.

ISSUED BY: J.B. Ramil, President

DATE EFFECTIVE:

3.7.2 Non-refundable Deposits for Estimates of CIAC

3.7.2.1 New Construction

Requests for construction of new underground systems, except for residential subdivisions covered under Section 3.4.2, will be accompanied by a non-refundable amount as follows:

Density Class	Deposit Amount
Urban Commercial or Residential.....	\$3,200 3,904 per mile*
Rural Commercial or Residential.....	\$4,800 2,196 per mile*

* Measured along centerline of roadways or proposed roadways

3.7.2.2 Conversion

Qualified applicants can request, upon payment of a non-refundable deposit as listed below, the conversion of overhead distribution facilities to underground in accordance with these Rules and Regulations for conversion areas of not less than one (1) city block in length along both sides of the main distribution system, or in the absence of city blocks, not less than five (5) contiguous building lots along both sides of the main distribution system, or in the absence of both, not the less than 600 pole-feet of the main distribution system, including all Customers served along both sides of the main distribution system, and so as to result in a decrease in the number of non-lighting poles in the system.

Requests for conversions, except for individual residential service covered under Section 3.4.3.3, will be accompanied by a non-refundable amount as follows:

Density Class	Deposit Amount
Urban Commercial or Residential.....	\$5,300 6,466 per mile*
Rural Commercial or Residential.....	\$3,100 3,782 per mile*
High or Low Density Subdivision.....	\$25 31 per lot

* As measured along the existing overhead primary and secondary distribution system.

ISSUED BY: ~~K. S. Surgener~~
J.B. Ramil, President

DATE EFFECTIVE: ~~June 24, 1997~~