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FILE COPY

May 30, 1997

HAND DELIVERED

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

Re: Petition of Tampa Electric Company for Approval of  
Charges for Underground Distribution Facilities;  
FPSC Docket No. 970517-EI

Dear Ms. Bayo:

On May 1, 1997 we filed Tampa Electric Company's Petition for Approval of Charges for Underground Distribution Facilities. Since that time the company has made a couple of corrections on Sixth Revised Sheet No. 5.515. We enclose 15 copies of a corrected Sixth Revised Sheet No. 5.515 containing the corrections. Also enclosed are 15 copies of the April 28, 1997 Overhead and Underground Residential Distribution Costs report which the company has revised effective this date to reflect the corrections made to the above-referenced Sixth Revised Sheet No. 5.515.

We are also furnishing Staff five copies of Sixth Revised Sheet No. 5.515 marked in legislative format to show the corrections that were made.

- ACK \_\_\_\_\_
- AFA \_\_\_\_\_
- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR \_\_\_\_\_
- EAG \_\_\_\_\_
- LEG 1 \_\_\_\_\_
- LIN \_\_\_\_\_
- OPC \_\_\_\_\_
- RCH \_\_\_\_\_
- SE 1 \_\_\_\_\_
- WAS \_\_\_\_\_
- OTH \_\_\_\_\_

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

Thank you for your assistance in connection with this matter.

Sincerely,

*James D. Beasley*  
James D. Beasley

JDB/pp  
Enclosures

RECEIVED & FILED  
MAY 30 1997  
FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE  
05458 MAY 30 97  
FPSC-RECORDS/REPORTING

**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...	\$273.00
High Density Subdivisions per service lateral or dwelling unit...	\$190.00

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

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

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

For 100' lateral or less.....	\$100.00
For 101'-200' lateral.....	\$315.00

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

**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

**1997 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. The information contained in this report represents the updating of the data filed March 12, 1996 by Tampa Electric Company.

Included in this report are the total dollars charged in 1996 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**

<b>COST PER LOT - LOW DENSITY RESIDENTIAL</b>			
<b>Item</b>	<b>Overhead Cost</b>	<b>Underground Cost</b>	<b>Differential Cost</b>
Labor	267.68	457.80	190.12
Material	402.91	486.11	83.20
<b>Total</b>	<b>670.59</b>	<b>943.91</b>	<b>273.32</b>

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

<b>COST PER LOT - HIGH DENSITY RESIDENTIAL</b>			
<b>Item</b>	<b>Overhead Cost</b>	<b>Underground Cost</b>	<b>Differential Cost</b>
Labor	244.75	383.83	139.08
Material	334.71	386.07	51.36
<b>Total</b>	<b>579.46</b>	<b>769.90</b>	<b>190.44</b>

URD REPORT TO THE FLORIDA PUBLIC SERVICE COMMISSION

<b>SUMMARY OF LOW DENSITY COST DIFFERENTIAL (Single-Family Residential)</b>			
<b>Item</b>	<b>Overhead Cost</b>	<b>Underground Cost</b>	<b>Differential Cost</b>
Labor	267.68	457.80	190.12
Material	402.91	486.11	83.20
<b>Total</b>	<b>670.59</b>	<b>943.91</b>	<b>273.32</b>

<b>OVERHEAD MATERIAL &amp; LABOR SUMMARY LOW DENSITY (COST PER LOT)</b>			
<b>Item</b>	<b>Material</b>	<b>Labor<sup>2</sup></b>	<b>Total</b>
Service	90.69	68.47	159.16
Primary	9.11	16.88	25.99
Secondary	57.72	27.79	85.51
Initial Tree Trim	---	---	---
Poles	70.87	71.29	142.16
Transformers	121.97	39.53	161.50
Sub-Total	350.36	223.96	574.32
Stores Handling <sup>1</sup>	52.55	---	52.55
Sub-Total	402.91	223.96	626.87
Engineering <sup>3</sup>	---	43.72	43.72
<b>Total</b>	<b>402.91</b>	<b>267.68</b>	<b>670.59</b>

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 16% of Labor

Tampa Electric Company

April 28, 1997

**LOW DENSITY - OVERHEAD DISTRIBUTION LAYOUT**



<b>UNDERGROUND MATERIAL &amp; LABOR SUMMARY LOW DENSITY (COST PER LOT)</b>			
<b>Item</b>	<b>Material</b>	<b>Labor<sup>3</sup></b>	<b>Total</b>
Service	104.95	48.34	153.29
Primary	94.95	22.88	117.83
Secondary	103.27	44.00	147.27
Transformers	119.53	16.46	135.99
Trenching			
- Primary & Sec.	---	138.22	138.22
- Services		144.18	144.18
Sub-Total	422.70	414.08	836.78
Stores Handling <sup>1</sup>	63.41	---	63.41
Sub-Total	486.11	414.08	900.19
Engineering <sup>3</sup>	---	43.72	43.72
<b>Total</b>	<b>486.11</b>	<b>457.80</b>	<b>943.91</b>

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 10% of Labor

Tampa Electric Company

April 28, 1997

**LOW DENSITY - UNDERGROUND DISTRIBUTION LAYOUT**

URD REPORT TO THE FLORIDA PUBLIC SERVICE COMMISSION

<b>SUMMARY OF HIGH DENSITY COST DIFFERENTIAL MOBILE HOMES/TOWNHOMES (COST PER LOT)</b>			
<b>Item</b>	<b>Overhead Cost</b>	<b>Underground Cost</b>	<b>Differential Cost</b>
Labor	244.75	383.83	139.08
Material	334.71	386.07	51.36
<b>Total</b>	<b>579.46</b>	<b>769.90</b>	<b>190.44</b>

<b>OVERHEAD MATERIAL &amp; LABOR SUMMARY HIGH DENSITY (COST PER LOT)</b>			
<b>Item</b>	<b>Material</b>	<b>Labor<sup>2</sup></b>	<b>Total</b>
Service	81.36	64.01	145.37
Primary	6.90	16.39	23.29
Secondary	37.62	28.27	65.89
Initial Tree Trim	---	---	---
Poles	63.30	55.61	118.91
Transformers	101.87	36.75	138.62
Sub-Total	291.05	201.03	492.08
Stores Handling <sup>1</sup>	43.66	---	43.66
Sub-Total	334.71	201.03	535.74
Engineering <sup>3</sup>	---	43.72	43.72
<b>Total</b>	<b>334.71</b>	<b>244.75</b>	<b>579.46</b>

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 18% of Labor

**Tampa Electric Company**

**April 28, 1997**

**HIGH DENSITY - OVERHEAD DISTRIBUTION LAYOUT**

<b>UNDERGROUND MATERIAL &amp; LABOR SUMMARY HIGH DENSITY (COST PER LOT)</b>			
<b>Item</b>	<b>Material</b>	<b>Labor<sup>2</sup></b>	<b>Total</b>
Service	113.62	54.72	168.34
Primary	68.52	33.00	101.52
Secondary	25.27	13.09	38.36
Transformers	128.30	18.63	146.93
Trenching			
- Primary & Sec.	---	78.19	78.19
- Services		142.48	142.48
Sub-Total	335.71	340.11	675.82
Store Handling <sup>1</sup>	50.36	---	50.36
Sub-Total	386.07	340.11	726.18
Engineering <sup>3</sup>	---	43.72	43.72
<b>Total</b>	<b>386.07</b>	<b>383.83</b>	<b>769.90</b>

1 - 15% of all material

2 - Includes Administration, General & Transportation

3 - 0% of Material, 11% of Labor

Tampa Electric Company

April 28, 1997

**HIGH DENSITY - UNDERGROUND DISTRIBUTION LAYOUT**

**1996 DISTRIBUTION OPERATION AND MAINTENANCE EXPENSE ACCOUNTS**  
**OVERHEAD AND UNDERGROUND**

<b><u>Account</u></b>	<b><u>Description</u></b>	<b><u>Total Dollars (\$)</u></b>
583	Operation Overhead Distribution Line	433,083
584	Operation Underground Distribution Line	322,817
593	Maintenance Overhead Distribution Line	7,858,418
594	Maintenance Underground Distribution Line	1,004,062
595	Maintenance Overhead Distribution Transformers	59,049
595	Maintenance Distribution Pad-Mounted Transformers	366,052



**Tampa Electric Company**

**April 28, 1997**

**1996 JOINT TRENCHING  
UNDERGROUND RESIDENTIAL DISTRIBUTION**

No joint trenching was done by Tampa Electric Company during calendar year 1996.