

417



Florida Power & Light Company, P. O. Box 14000, Juno Beach, FL 33408-0420
Law Department

(561) 691-3441

March 26, 1998

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

980436-ET

**RE: PETITION FOR APPROVAL OF UNDERGROUND
RESIDENTIAL DISTRIBUTION TARIFF REVISION**

Dear Ms. Bayò:

Please find enclosed an original and fifteen copies of Florida Power and Light Company's Petition for Approval of 1998 Revisions to Florida Power and Light Company's Underground Residential Distribution Tariff. As is required by Rule 25-22.028, F.A.C., you will also find enclosed a diskette containing FPL's Petition in Word Perfect 5.1/5.2.

If you have any questions regarding this filing, please call me at the above number.

Thank you for your assistance.

Very truly yours,

Patrick M. Bryan
Attorney

PMB/ak

Enclosures

375

RECEIVED & FILED
LM
FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

03611 MAR 26 88

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of)
Underground Residential) Docket No. _____
Distribution Tariff Revision)
_____)

**PETITION FOR APPROVAL OF 1998 REVISIONS TO
FLORIDA POWER & LIGHT COMPANY'S UNDERGROUND
RESIDENTIAL DISTRIBUTION TARIFF**

COMES NOW Florida Power & Light Company (hereinafter FPL) pursuant to Rule 25-6.078(2) and 25-6.033, F.A.C., and hereby requests approval of FPL's revisions to its underground residential distribution tariff, as described below. Any pleading, motion, notice, order, or other document required to be served upon the petitioner or filed by any other party to this proceeding should be forwarded to the following individuals:

W. G. Walker, III
Vice President
Regulatory Affairs
Florida Power & Light Company
P.O. Box 029100
Miami, Florida 33102-9100

Patrick M. Bryan
Attorney
Law Department
Florida Power & Light Company
11760 U. S. Highway One, Ste. 600
No. Palm Beach, Florida 33408

IN SUPPORT of its petition, FPL says:

1. Rule 25-6.078(2) requires each utility to file with the Florida Public Service Commission's (the "Commission's") Division of Electric and Gas Form PSC/EAG, Schedule 1 on or before October 15 of each year. If the cost differential 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), (3) and (4) of Rule 25-6.078 on or before April 1 of the following year. This Petition and its appendices are filed to comply with Rule 25-6.078(2).

DOCUMENT NUMBER-DATE
03611 MAR 26 1998
FPLS RECORDS/REPORTING

2. In regard to compliance with Rule 25-6.078(2), F.A.C., FPL seeks the approval of the following revised tariff sheets which amend the charges found in Section 10, Supplement to General Rules and Regulations for the Installation of Underground Electric Distribution Facilities to Serve Residential Customers, of FPL's tariff as found in Appendix 1:

Sheet No. 6.095
Sheet No. 6.100
Sheet No. 6.110
Sheet No. 6.115
Sheet No. 6.120
Sheet No. 6.125
Sheet No. 6.130

3. The revisions to the charges found in the above specified tariff sheets are shown in Legislative format in Appendix 4. Appendix 3 details and supports FPL's changes in its Estimated Average Cost Differential, which support the charges in FPL's tariffs identified above. Appendix 2 sets forth FPL's support for changes to its rules and regulations found in Section 10 of its tariff.

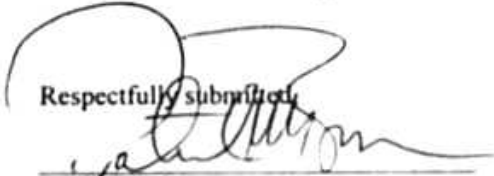
4. Appendices 1, 2, 3 and 4, filed herewith, are incorporated by reference.

5. FPL requests the effective date for implementation of the revised tariffs presented with this petition be 30 days after the day of the Commission's vote of approval.

WHEREFORE, Petitioner requests the Commission to approve the revised tariff sheets filed in Appendix 1, effective 30 days after the date of the Commission's vote of approval.

Dated this 26th day of March, 1998.

Respectfully submitted,


Patrick M. Bryan
Attorney for Florida Power
& Light Company
11760 U. S. Highway One, Ste 600
No. Palm Beach, Florida 33408
Florida Bar No. 0457523

Appendix No. 1

(Continued from Sheet No. 6.090)

- 10.2.9. Location of Distribution Facilities
Underground distribution facilities will be located, as determined by the Company, to maximize their accessibility for maintenance and operation. The Applicant shall provide accessible locations for meters when the design of a dwelling unit or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.
- 10.2.10. Special Conditions
The costs quoted in these rules are based on conditions which permit employment of rapid construction techniques. The Applicant shall be responsible for necessary additional hand digging expenses other than what is normally provided by the Company. The Applicant is responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. Should pavings, 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 and backfilling and be responsible for restoration of property damaged to accommodate the installation of underground facilities.
- 10.2.11. Point of Delivery
The point of delivery shall be determined by the Company and will normally be at or near the part of the building nearest the point at which the secondary electric supply is available to the property. When a location for a point of delivery different from that designated by the Company is requested by the Applicant, and approved by the Company, the Applicant shall pay the estimated full cost of service lateral length, including labor and materials, required in excess of that which would have been needed to reach the Company's designated point of service. The additional cost per trench foot is \$3.70. Where an existing trench is utilized, the additional cost per trench foot is \$1.83. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is \$1.51. Any redesignation requested by the Applicant shall conform to good safety and construction practices as determined by the Company. Service laterals shall be installed, where possible, in a direct line to the point of delivery.
- 10.2.12. Location of Meter and Downpipe
The Applicant shall install a meter enclosure, downpipe and e11 to accommodate the Company's service lateral conductors at the point designated by the Company. These facilities will be installed in accordance with the Company's specifications and all applicable codes.
- 10.2.13. Relocation or Removal of Existing Facilities
If the Company is required to relocate or remove existing facilities in the implementation of these Rules, all costs thereof shall be borne exclusively by the Applicant. These costs will include the costs of relocation or removal, the in-place value (less salvage) of the facilities so removed and any additional costs due to existing landscaping, pavement or unusual conditions.
- 10.2.14. Development of Subdivisions
The Tariff charges are based on reasonably full 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 full use of facilities as determined by the Company, will not be experienced for at least two years, the Company may require a deposit from the Applicant before construction is commenced. This deposit, to guarantee performance, will be based on the estimated total cost of such facilities rather than the differential cost. The amount of the deposit, without interest, less any required contributions will be returned to the Applicant on a prorata basis at quarterly intervals on the basis of installations to new customers. Any portion of such deposit remaining unrefunded, after five years from the date the Company is first ready to render service from the extension, will be retained by the Company.

SECTION 10.3 UNDERGROUND DISTRIBUTION FACILITIES FOR
 RESIDENTIAL SUBDIVISIONS AND DEVELOPMENTS

10.3.1. Availability

When requested by the Applicant, the Company will provide underground electric distribution facilities, other than for multiple occupancy buildings, in accordance with its standard practices in:

- a) Recognized new residential subdivision of five or more building lots
- b) Tracts of land upon which five or more separate dwelling units are to be located.

For residential buildings containing five or more dwelling units, see SECTION 10.6 of these Rules.

10.3.2. Contribution by Applicant

a) The Applicant shall pay the Company the average differential cost for single phase residential underground distribution service based on the number of service laterals required or the number of dwelling units, as follows:

	<u>Applicant's Contribution</u>
1. Where density is 6.0 or more dwelling units per acre:	
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$190.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$0
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$268.00
3. Where the density is less than 0.5 dwelling units per acre, or the Distribution System is of non-standard design, individual cost estimates will be used to determine the differential cost as specified in Paragraph 10.2.5.	

Additional charges specified in Paragraphs 10.2.10 and 10.2.11 may also apply.

b) The above costs are based upon arrangements that will permit serving the local underground distribution system within the subdivision from overhead feeder mains. If feeder mains within the subdivision are deemed necessary by the Company to provide and/or maintain adequate service and are required by the Applicant or a governmental agency to be installed underground, the Applicant shall pay the Company the average differential cost between such underground feeder mains within the subdivision and equivalent overhead feeder mains, as follows:

	<u>Applicant's Contribution</u>
Cost per foot of feeder trench within the subdivision (includes padmounted switches).	\$21.20

c) Where primary laterals are needed to cross open areas such as golf courses, parks, other recreation areas and water retention areas, the Applicant shall pay the average differential costs for these facilities as follows:

Cost per foot of primary lateral trench within the subdivision	\$2.20
--	--------

(Continued on Sheet No. 6.110)

(Continued from Sheet No. 6.100)

- d) For requests for service where underground facilities to the lot line are existing and a differential charge was previously paid for these facilities, the cost to install an underground service lateral to the meter is as follows:

Density less than 6.0 dwelling units per acre:	\$ 184.00
Density 6.0 or greater dwelling units per acre:	\$ 135.00

10.3.3. Contribution Adjustments

- a) Credits will be allowed to the Applicant's contribution in Section 10.3.2 a) where, by mutual agreement, the Applicant provides all trenching and backfilling for the Company's distribution system, excluding feeder.

	<u>Credit to Applicant's Contribution</u>	
	<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:		
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$ 75.00	\$ 57.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	N/A	N/A
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:		
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$ 108.00	\$ 102.00

- b) Credits will be allowed to the Applicant's contribution in Section 10.3.2 a) where, by mutual agreement, the Applicant installs all Company-provided conduit excluding feeder per FPL instructions. This credit is:

	<u>Credit to Applicant's Contribution</u>	
	<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:		
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$ 31.00	\$ 14.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	N/A	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	\$ 44.00	\$ 22.00

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

- c) Credits will be allowed to the Applicant's contribution in Section 10.3.2. where, by mutual agreement, the Applicant provides a portion of trenching and backfilling for the Company's facilities. The credit is:

Credit per foot of trench within the subdivision \$ 1.60

- d) Credits will be allowed to the Applicant's contribution in section 10.3.2. where, by mutual agreement, the Applicant installs a portion of Company-provided PVC conduit, per FPL instructions (per foot of conduit): 2" PVC - \$28; larger than 2" PVC - \$39.
- e) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided feeder splice box, per FPL instructions, per box - \$412.00.
- f) Credit will be allowed to the Applicant's contribution in section 10.3.2., where by mutual agreement, the Applicant installs an FPL-provided primary splice box, per FPL instructions, per box - \$108.00.
- g) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided secondary handhole, per FPL instructions, per handhole: 17" handhole - \$10.00; 24" or 30" handhole - \$29.00.
- h) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided concrete pad for a pad-mounted transformer, per FPL instructions, per pad - \$17.00.
- i) Credit will be allowed to the Applicant's contribution in Section 10.3.2., where, by mutual agreement, the Applicant installs a portion of Company-provided flexible HDPE conduit, per FPL instructions (per foot of conduit): \$06.
- j) Credit will be allowed to the Applicant's contribution in Section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided concrete pad and cable chamber for a pad-mounted feeder switch, per pad and cable chamber \$414.00.

**SECTION 10.4 UNDERGROUND SERVICE LATERALS FROM
 OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS**

10.4.1. New Underground Service Laterals
 When requested by the Applicant, the Company will install underground service laterals from overhead systems to newly constructed residential buildings containing less than five separate dwelling units.

10.4.2. Contribution by Applicant
 a) The Applicant shall pay the Company the following differential cost between an overhead service and an underground service lateral, as follows:

	<u>Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$ 357.00
2. For any density, the Company will provide a riser to a handhole at the base of a pole - per service lateral.	\$ 347.00

Additional charges specified in Paragraph 10.2.10. and 10.2.11. may also apply. Underground service or secondary extensions beyond the boundaries of the property being served will be subject to additional differential costs as determined by individual cost estimates.

10.4.3. Contribution Adjustments
 a) Credit will be allowed to the Applicant's contribution in Section 10.4.2. where, by mutual agreement, the Applicant provides trenching and backfilling for the Company's facilities. This credit is:

	<u>Credit To Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per foot.	\$ 1.60

(Continued on Sheet No. 6.125)

(Continued from Sheet No. 6.120)

- b) Credit will be allowed to the Applicant's contribution in Section 10.4.2, where by mutual agreement, the Applicant installs Company-provided conduit, per FPL instructions, as follows.

1. For any density:

Buildings that do not exceed four units,
townhouses, and mobile homes

- per foot:	2" PVC	\$ 28
	Larger than 2" PVC	\$ 39

Issued by: P. J. Evanson, President

Effective:

**SECTION 10.5 UNDERGROUND SERVICE LATERALS REPLACING
 EXISTING RESIDENTIAL OVERHEAD AND UNDERGROUND SERVICES**

10.5.1. Applicability

When requested by the Applicant, the Company will install underground service laterals from existing systems as replacements for existing overhead and underground services to existing residential buildings containing less than five individual dwelling units.

10.5.2. Rearrangement of Service Entrance

The Applicant shall be responsible for any necessary rearranging of his existing electric service entrance facilities to accommodate the proposed underground service lateral in accordance with the Company's specifications.

10.5.3. Trenching and Conduit Installation

The Applicant shall also provide, at no cost to the Company, a suitable trench, perform the backfilling and any landscape, pavement or other similar repairs and install Company provided conduit according to Company specifications. When requested by the Applicant and approved by the Company, the Company may supply the trench and conduit and the Applicant shall pay for this work based on a specific cost estimate. Should paving, grass, landscaping or sprinkler systems need repair or replacement during construction, the Applicant shall be responsible for restoring the paving, grass, landscaping or sprinkler systems to the original condition.

10.5.4. Contribution by Applicant

- a) The charge per service lateral replacing an existing Company-owned overhead service for any density shall be:

Applicant's
Contribution

- | | |
|--|-----------|
| 1. Where the Company provides an underground service lateral: | \$ 270.00 |
| 2. Where the Company provides a riser to a handhole at the base of the pole: | \$ 380.00 |

- b) The charge per service lateral replacing an existing Company-owned underground service at Applicant's request for any density shall be:

- | | |
|---|-----------|
| 1. Where the service is from an overhead system: | \$ 275.00 |
| 2. Where the service is from an underground system: | \$ 240.00 |

- c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:

\$ 237.00

- d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:

\$ 64.00

Appendix No. 2

Appendix No. 2
FPL 1998
Explanation of Proposed Revisions

This Appendix summarizes proposed revisions to the Rules and Regulations included in Section 10 of FPL's General Rules and Regulations for Electric Service. An explanation of FPL's proposed tariff charges for underground installations can be found in Appendix No. 3.

The Fourteenth Revised Sheet No. 6.115 is revised to add a 30" handhole to Section 10.3.3.g)

Appendix No. 3

APPENDIX NO. 3

FPL - 1998

**BASIS FOR UNDERGROUND RESIDENTIAL
DISTRIBUTION DIFFERENTIAL**

New Underground Subdivision with Overhead Feeder Mains. The average differential costs for Underground Residential Distribution (URD) stated in the FPL Rules and Regulations were derived from cost estimates of underground facilities and their equivalent overhead designs. The high density subdivision used for these estimates was developed by the group of Florida Electric Utilities in response to Florida Public Service Commission Orders No. 6031 and 6031-B. The low density subdivision was also developed by the group of Florida Electric Utilities and was approved by Florida Public Service Commission Order No. PSC-96-0026-FOF-EI. They represent average conditions in Florida Subdivisions served by FPL. Densities range from 0.5 to 6.0 lots per acre for low density subdivisions. The low density subdivision contains 210 lots; the high density subdivision 176 lots. Subdivision plats are shown in Exhibits IV and XI. Differential cost estimates were made from engineering layouts of underground and overhead facilities. These included primary laterals, transformers, secondary lines and services, but not three phase feeders. These estimates employed the standard Company design and estimating practices and the system-wide unit cost for labor and material which were in use at the end of 1997. Design criteria included the following:

Design Customer Demand	-	7.25 KVA, including 2 1/2 tons of air conditioning for high density model and 9.35 KVA including 3 1/2 tons of air conditioning for low density model according to DERM.(1)
Primary Voltage	-	13200/7620 Volts
Underground Design	-	Rear/Front lot construction - All C-I-C*
Overhead Design	-	Rear/Front lot construction

1 FPL Distribution Engineering Reference Manual

* All cables are to be installed in PVC conduit.

Estimates are broken down into a uniform format adopted as a standard by the participating companies (Exhibit I-X). The results of these estimates are as follows

		<u>Differential Cost</u>
		<u>All Soil Conditions</u>
Case 1.	Where density is 0.5 or greater, but less than 6 dwelling units per acre: Buildings that do not exceed four units, townhouses, and mobile homes -- per service lateral.....	\$268.00
Case 2.	Where density is 6.0 or more dwelling units per acre: Buildings that do not exceed four units, townhouses, and mobile homes -- per service lateral.....	\$190.00
Case 3.	Where density is 6.0 or more dwelling units per acre: Mobile homes having Customer-owned services from meter centers installed adjacent to the FPL primary trench route -- per dwelling unit.....	\$0.00

10.4.2 UG Service Laterals from Overhead Lines.

Service lateral costs are included in the differential costs previously stated except in Case 3. The costs of service laterals were estimated separately to determine the differential cost between a standard overhead service and a similar length underground service from an overhead line. This differential cost was calculated by adding the differential service lateral cost to the pole-conduit terminal cost. The average pole-conduit terminal cost was found to be \$172.75 per service lateral.

Service lateral cost.....	\$183.82
Pole-conduit cost.....	\$172.75
Total cost.....	<u>\$356.57</u>
Round To.....	\$357.00

A URD riser to a handhole at the base of the pole had a differential cost of \$346.82.

10.5.4 Replacement of an Existing Service with an Underground Service.

Costs were also estimated for replacing existing services with underground service laterals. These costs were based on the applicant providing the trench because of the wide variations in the cost of excavating established, landscaped area. Additional costs are associated with removal and premature retirement of existing services. Accordingly, adjustments were made to the cost of a new service lateral by adding the costs involved with the retirement of an existing service drop and subtracting trenching costs. The costs were estimated to be:

A. Cost per service lateral to replace Company-owned Overhead Service with:

	Company UG <u>Service</u>	Riser to <u>Handhole</u>
UG service lateral cost.....	\$356.57	\$0.00
Riser to handhole cost.....	\$0.00	\$346.82
Less trenching credit.....	(\$102.00)	\$0.00
Less conduit installation credit.....	(\$18.00)	\$0.00
Remaining value of existing service.....	\$16.80	\$16.80
Removal cost of existing service.....	\$23.40	\$23.40
Salvage.....	<u>(\$7.01)</u>	<u>(\$7.01)</u>
Total cost.....	\$269.76	\$380.01
Round To.....	\$270.00	\$380.00

Underground Feeder/Lateral Cost. Cost estimates were made for underground and overhead feeders and laterals necessary to serve residential communities in the model subdivisions. The average differential costs per foot were then determined. These results are shown in Exhibit XII.

Underground feeders/laterals were assumed to be installed in conduit with above grade switch cabinets. Overhead feeder costs included wood pole costs.

Cumulative Overhead and Underground Customers The cumulative total of overhead and underground customers as of December 31, 1997 served by FPL are as follows:

Underground.....	2,242,969
Overhead.....	1,693,554
Total*.....	3,936,523

NOTES: 1. Many of the underground systems are supplied by overhead feeders and laterals.

*2. This figure includes inactive meters and outdoor lighting.

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

Low Density 210 Lot Subdivision
Cost per Service Lateral

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	\$427.89	\$600.92	\$173.03
Material	\$488.58	\$583.18	\$94.60
TOTAL	\$916.47	\$1,184.10	\$267.63

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$72.64	\$75.93	\$148.57
Primary	\$42.82	\$45.26	\$88.08
Secondary	\$57.58	\$68.46	\$126.04
Initial Tree Trim	-----	-----	-----
Poles	\$108.17	\$157.89	\$266.06
Transformers	\$108.46	\$22.32	\$130.78
Sub-Total	\$389.67	\$369.86	\$759.53
Stores Handling(3)	\$32.65	-----	\$32.65
SubTotal	\$422.32	\$369.86	\$792.18
Engineering(5)	\$66.26	\$58.03	\$124.29
TOTAL	\$488.58	\$427.89	\$916.47

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 8.65% of All Material Except Meters. 4.325% of Meters.

4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 15.69% of All Material and Labor.

COST PER SERVICE LATERAL UNDERGROUND MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$179.89	\$186.07	\$365.96
Primary	\$138.03	\$83.59	\$221.62
Secondary	\$34.51	\$15.99	\$50.50
Transformers	\$112.50	\$6.62	\$119.12
Prim. & Sec. Trenchin	-----	\$92.41	\$92.41
Service Trenching	-----	\$134.74	\$134.74
Sub-Total	\$464.93	\$519.42	\$984.35
Stores Handling(3)	\$39.16	-----	\$39.16
SubTotal	\$504.09	\$519.42	\$1,023.51
Engineering(5)	\$79.09	\$81.50	\$160.59
TOTAL	\$583.18	\$600.92	\$1,184.10

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 8.65% of All Material Except Meters. 4.325% of Meters.

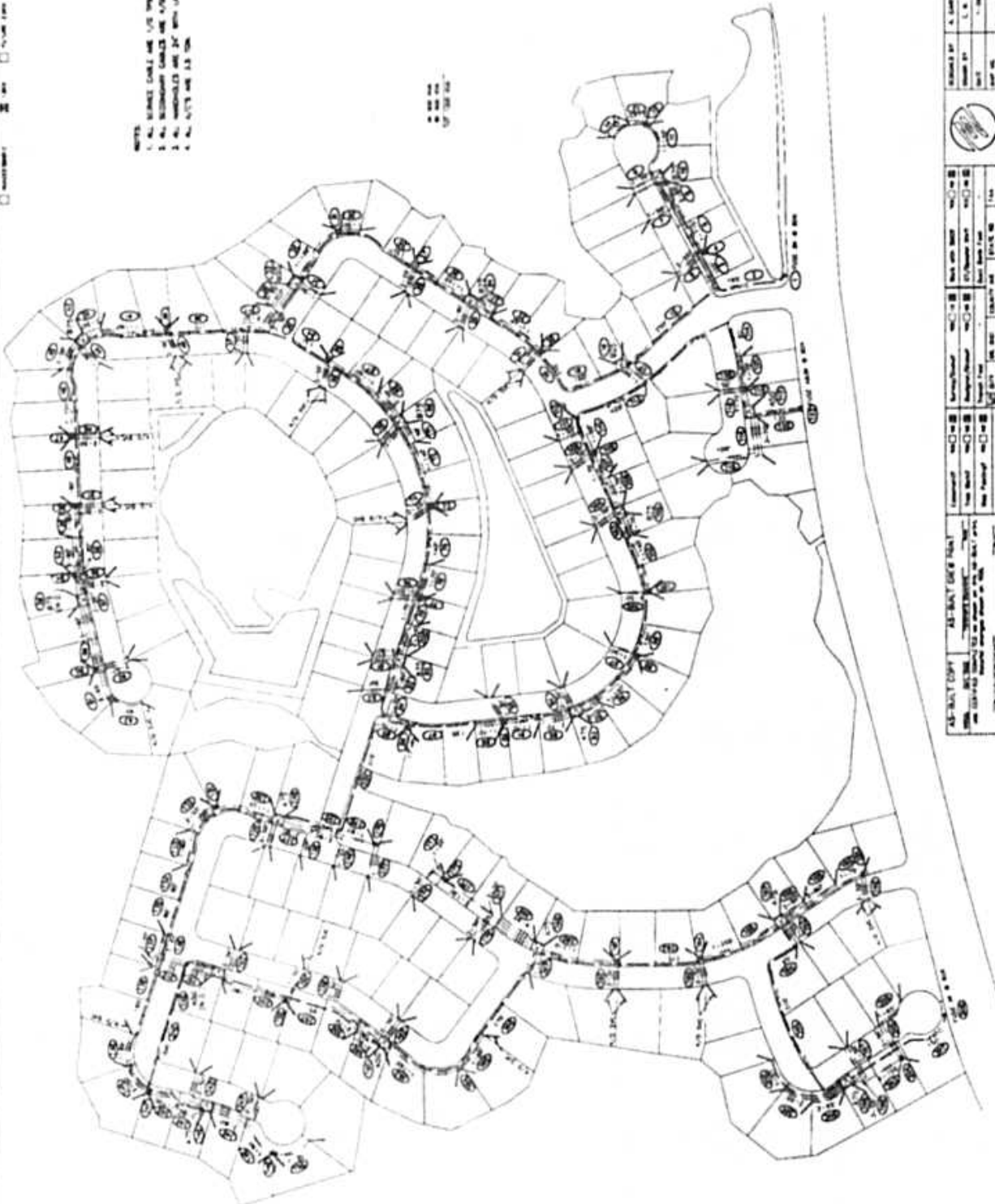
4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 15.69% of All Material and Labor.

1/4" = 100'
 1/2" = 100'
 3/4" = 100'
 1" = 100'
 1 1/2" = 100'
 2" = 100'

NOTES:
 1. ALL DIMENSIONS SHALL BE 1/8" TO 1/4" UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS SHALL BE 1/8" TO 1/4" UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS SHALL BE 1/8" TO 1/4" UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS SHALL BE 1/8" TO 1/4" UNLESS OTHERWISE NOTED.

1" = 100'
 1/2" = 100'
 1/4" = 100'



PROJECT NO. UR0600 SHEET NO. 010		U.C. LAYOUT LOW DENSITY 1988 L&S LAYOUT	
PREPARED BY DATE	CHECKED BY DATE	SCALE 1" = 100'	CITY OF COUNTY OF
PROJECT NO.	SHEET NO.	DATE	CITY OF
PROJECT NO.	SHEET NO.	DATE	CITY OF

EXHIBIT IV
 Sheet 2 of 2

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

High Density 176 Lot Subdivision
Company Owned Service Laterals
Cost per Service Lateral

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	\$292.07	\$388.16	\$96.09
Material	\$318.80	\$412.42	\$93.62
TOTAL	\$610.87	\$800.58	\$189.71

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

High Density 176 Lot Subdivision
Company Owned Service Laterals

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$60.83	\$68.44	\$129.27
Primary	\$22.42	\$34.86	\$57.28
Secondary	\$45.17	\$45.19	\$90.36
Initial Tree Trim	-----	-----	-----
Poles	\$59.24	\$88.93	\$148.17
Transformers	\$66.93	\$15.04	\$81.97
Sub-Total	\$254.59	\$252.46	\$507.05
Stores Handling(3)	\$20.97	-----	\$20.97
SubTotal	\$275.56	\$252.46	\$528.02
Engineering(5)	\$43.24	\$39.61	\$82.85
TOTAL	\$318.80	\$292.07	\$610.87

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 8.65% of All Material Except Meters. 4.325% of Meters.

4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation

5 - 15.69% of All Material and Labor.

COMPANY: FPL

DATE: 3-1-98

COST PER SERVICE LATERAL UNDERGROUND MATERIAL AND LABOR

High Density 176 Lot Subdivision
Company Owned Service Laterals

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$135.23	\$114.39	\$249.62
Primary	\$76.60	\$61.23	\$137.83
Secondary	\$30.98	\$12.89	\$43.87
Transformers	\$86.27	\$5.27	\$91.54
Prim. & Sec. Trenchin	-----	\$54.34	\$54.34
Service Trenching	-----	\$87.40	\$87.40
Sub-Total	\$329.08	\$335.52	\$664.60
Stores Handling(3)	\$27.41	-----	\$27.41
SubTotal	\$356.49	\$335.52	\$692.01
Engineering(5)	\$55.93	\$52.64	\$108.57
TOTAL	\$412.42	\$388.16	\$800.58

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 8.65% of All Material Except Meters. 4.325% of Meters.

4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 15.69% of All Material and Labor.

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

High Density 176 Lot Subdivision
Customer Owned Service Laterals from Meter Centers
Cost per Dwelling Unit

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	\$239.34	\$209.75	(\$29.59)
Material	\$277.05	\$310.86	\$33.81
TOTAL*	\$516.39	\$520.61	\$4.22

*The differential has been reduced to \$0 in the URD Tariff filing since the costs associated with billing and collecting such a small amount would be prohibitive for this infrequently used tariff.

COST PER DWELLING UNIT OVERHEAD MATERIAL AND LABOR

High Density 176 Lot Subdivision
Customer Owned Service Laterals from Meter Centers

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$31.52	\$28.11	\$59.63
Primary	\$21.96	\$33.94	\$55.90
Secondary	\$44.88	\$42.90	\$87.78
Initial Tree Trim	-----	-----	-----
Poles	\$57.21	\$86.89	\$144.10
Transformers	\$65.81	\$15.04	\$80.85
Sub-Total	\$221.38	\$206.88	\$428.26
Stores Handling(3)	\$18.10	-----	\$18.10
SubTotal	\$239.48	\$206.88	\$446.36
Engineering(5)	\$37.57	\$32.46	\$70.03
TOTAL	\$277.05	\$239.34	\$516.39

1 - Includes Sales Tax.

2 - Includes Meters.

3 -8.65% of All Material Except Meters. 4.325% of Meters.

4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 15.69% of All Material and Labor.

COST PER DWELLING UNIT UNDERGROUND MATERIAL AND LABORHigh Density 176 Lot Subdivision
Customer Owned Service Laterals from Meter Centers

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$26.31	\$13.58	\$39.89
Primary	\$88.74	\$71.96	\$160.70
Secondary	\$58.53	\$29.38	\$87.91
Transformers	\$74.70	\$4.39	\$79.09
Prim. & Sec. Trenchin	-----	\$61.99	\$61.99
Service Trenching	-----	-----	-----
Sub-Total	\$248.28	\$181.30	\$429.58
Stores Handling(3)	\$20.42	-----	\$20.42
SubTotal	\$268.70	\$181.30	\$450.00
Engineering(5)	\$42.16	\$28.45	\$70.61
TOTAL	\$310.86	\$209.75	\$520.61

1 - Includes Sales Tax.

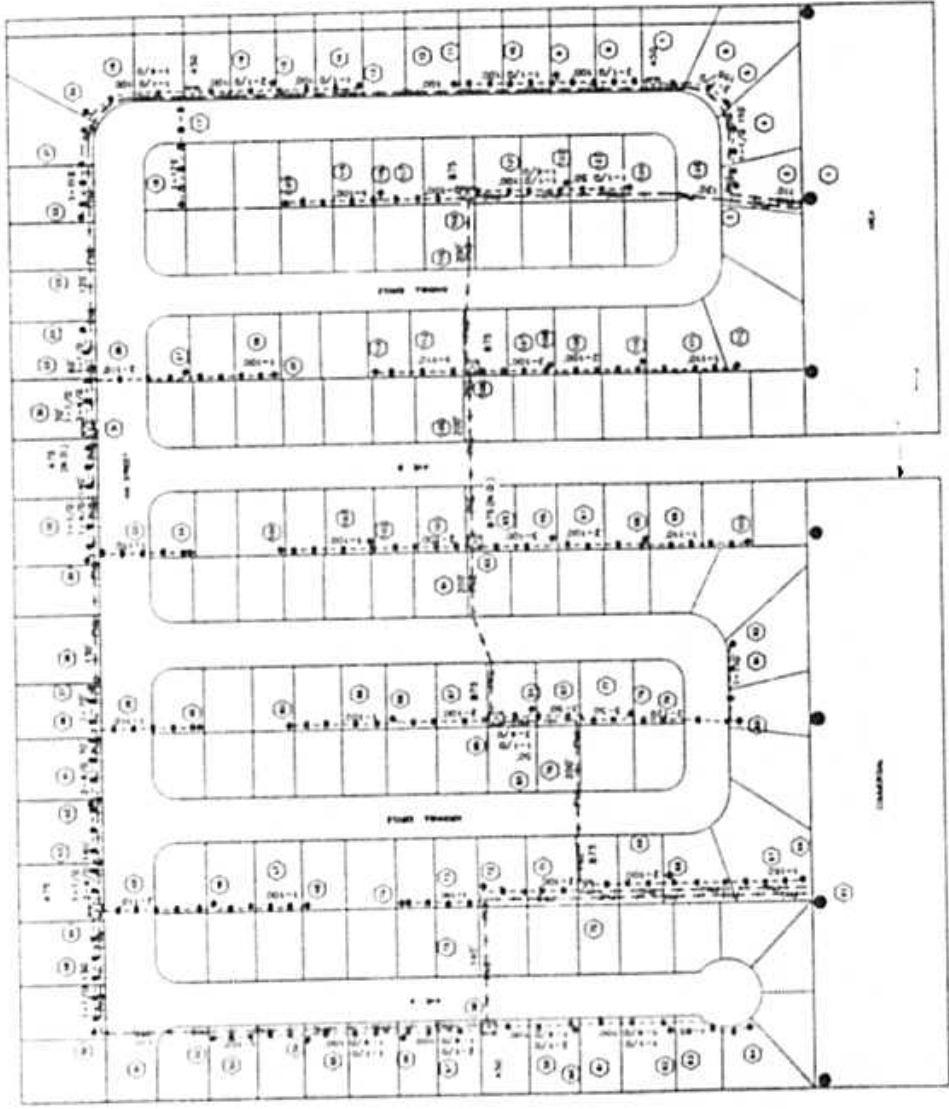
2 - Includes Meters.

3 - 8.65% of All Material Except Meters. 4.325% of Meters.

4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 15.69% of All Material and Labor.

DATE: 11/15/11



NOTES:
 1. ALL DIMENSIONS IN FEET UNLESS NOTED
 2. ALL LOTS ARE 17' WIDE BARRIERS AND STAIRS

11/15/11
 11/15/11
 11/15/11

REFERENCE DWGS

		PROJECT NO. 11-1111 SHEET NO. 4 OF 4
CLIENT: [Redacted] ADDRESS: [Redacted]	DATE: 11/15/11 SCALE: AS SHOWN	DRAWN BY: [Redacted] CHECKED BY: [Redacted]
PROJECT: [Redacted]	LOCATION: [Redacted]	TITLE: [Redacted]

AVERAGE UNDERGROUND FEEDER COST

<u>Underground</u>		<u>Overhead</u>		<u>Difference</u>	
\$/Ft.....	\$31.30	\$/Ft.....	\$10.12	\$/Ft.....	\$21.18

Round To: \$/Ft..... \$21.20

AVERAGE UNDERGROUND LATERAL COST

<u>Underground</u>		<u>Overhead</u>		<u>Difference</u>	
\$/Ft.....	\$9.66	\$/Ft.....	\$7.43	\$/Ft.....	\$2.23

Round To: \$/Ft..... \$2.20

NOTE: All estimates based on three phase requirements.
See Exhibit XI A for details.

1998 URD TARIFF
FEEDER/LATERAL COST*

From Work Order Nos. 6486-07, 6480-07, 6482-05, 6484-05, 6481-02-010

Feeder Length = 25,428 Feet

UG Feeder Cost (#6486, 6480, 6482) = \$838,715.00

26 UG Lateral Risers not required if UG Feeder is used

From Work Order #6484, cost of each Lateral Riser is \$1642.00.

26 Lateral Risers X \$1642 = (\$42,692.00)

Net UG Feeder Cost = \$796,023.00

UG Feeder per foot cost = \$31.30

OH Feeder Cost (#6481) = \$257,377.00

OH Feeder per foot cost = \$10.12

Feeder Differential Cost = \$21.18

***NOTE:** These costs include underground switches, cable-in-conduit and cable pull boxes.

1998 URD TARIFF

LATERAL COST*

From Work Orders Nos. 6485-07, 6485-01-010

Lateral Length = 1000 Feet

UG Lateral Cost (#6485-07) =	\$9,662.00
UG Lateral Cost Per Foot =	\$9.66
Overhead Lateral Cost (#6485-01) =	\$7,430.00
Overhead Lateral Cost Per Foot =	\$7.43
Lateral Differential Cost =	\$2.23

*NOTE: These costs include underground switches, and cable-in-conduit.

COMPANY: FPL

DATE: 3-1-98

ACTUAL OPERATING & MAINTENANCE DISTRIBUTION EXPENSES IN YEAR 1997

for Overhead and Underground

	<u>AMOUNT</u>
Account 583 Overhead Line Expenses	N/A
Account 584 Underground Line Expenses	N/A
Account 593 Maintenance of Overhead Lines	N/A
Account 594 Maintenance of Underground Lines	N/A
Account 595 Maintenance of Line Transformers	N/A
Total	\$ N/A

This form is not applicable since O&M Costs were not used in developing FPL URD Tariff costs.

1998 URD TARIFF

URD BASIS ADDENDUM TO APPENDIX NO. 3

10.3.3 Conduit Installation Credits

1. Low Density

Pri/Sec =	165.42 MH X	\$55.92 /MH =	\$9,250.29
			210 Lots
			\$44.05 /Lot
		Round To.....	\$44.00 /Lot
Svc =	80.85 MH X	\$55.92 /MH =	\$4,521.13
			210 Lots
			\$21.53 /Lot
		Round To.....	\$22.00 /Lot

2. High Density

Pri/Sec =	98.39 MH X	\$55.92 /MH =	\$5,501.97
			176 Lots
			\$ 31.26 /Lot
		Round To.....	\$ 31.00 /Lot
Svc =	43.12 MH X	\$55.92 /MH =	\$2,411.27
			176 Lots
			\$13.70 /Lot
		Round To.....	\$14.00 /Lot

3. Meter Pedestals

Not applicable - Since there is no contribution, there can be no credit.

10.5.4 Replace Existing Service

2" PVC 0.005 MH X \$55.92 /MH 63 Ft =..... \$17.61 /Lot

Round To..... \$18.00 /Lot

10.4.3 UG Service from OH Lines

2" PVC 0.005 MH X \$55.92 /MH =..... \$0.28 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$55.92 /MH =..... \$0.39 /Ft.

10.3.3.d. Credit for Installation of Conduit

2" PVC 0.005 MH X \$55.92 /MH =..... \$0.28 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$55.92 /MH =..... \$0.39 /Ft.

10.2.11 Extensions of Service Beyond Point of Delivery

CABLE MATERIAL \$0.72 /Ft. X 1.0865 Stores Loading = \$0.78 /Ft.

 \$0.78 /Ft. X 1.1569 EO = \$0.90 /Ft.

CABLE PULL \$55.92 /MH X 0.003 MH =..... \$ 0.17 /Ft.

 \$ 0.17 /Ft. X 1.1569 EO = \$0.19 /Ft.

CONDUIT MATERIAL \$0.33 /Ft. X 1.0865 Stores Loading = \$0.36 /Ft.

 \$0.36 /Ft. X 1.1569 EO = \$0.42 /Ft.

CONDUIT LABOR \$55.92 /MH X 0.005 MH =..... \$0.28 /Ft.

 \$0.28 /Ft. X 1.1569 EO = \$0.32 /Ft.

TRENCH \$55.92 /MH X 0.029 MH =..... \$1.62 /Ft.

 \$1.62 /Ft. X 1.1569 EO = \$1.87 /Ft.

TOTAL..... \$3.70 /Ft.

When Customer Provides Trench and Conduit Installation

 \$0.90 + \$0.19 + \$0.42 =..... \$1.51 /Ft.

Cable Material + Pull Labor + Conduit Material

1998 URD TARIFF

TRENCH CREDITS

10.3.3

1. Low Density

Pri/Sec =	406.39 MH X	\$55.92 /MH =	\$22,725.33
			210 Lots
			\$108.22 /Lot
		Round To.....	\$108.00 /Lot
Svc =	0.029 MH X	\$55.92 /MH X 63 Ft. =	\$102.17 /Lot
		Round To.....	\$102.00 /Lot

2. High Density

Pri/Sec =	234.53 MH X	\$55.92 /MH =	\$13,114.92
			176 Lots
			\$74.52 /Lot
		Round To.....	\$75.00 /Lot
Svc =	0.029 MH X	\$55.92 /MH X 35 Ft. =	\$56.76 /Lot
		Round To.....	\$57.00 /Lot

3. Meter Pedestals

Not applicable - Since there is no contribution, there can be no credit.

Feeder/Lateral Trench Credit =.....	\$55.92 /MH X	0.029 MH =.....	\$1.62 /Ft.
		Round To...	\$1.60 /Ft.
Feeder Splice Box Installation Credit =.....	\$55.92 /MH X	7.36 MH =.....	\$411.57 /Box
		Round To...	\$412.00 /Box
Primary Splice Box Installation Credit =.....	\$55.92 /MH X	1.94 MH =.....	\$108.48 /Box
		Round To...	\$108.00 /Box
Secondary Handhole Installation Credit			
For 17" Handhole =	\$55.92 /MH X	0.18 MH =.....	\$10.07 /HH
		Round To...	\$10.00 /HH
For 24" or 30" Handhole =	\$55.92 /MH X	0.51 MH =.....	\$28.52 /HH
		Round To...	\$29.00 /HH
Concrete Pad for Pad Mounted Transformer Credit =.....	\$55.92 /MH X	0.3 MH =.....	\$16.78 /Pad
		Round To...	\$ 17.00 /Pad
Flexible HDPE Conduit Installation Credit =	\$55.92 /MH X	0.001 MH =.....	\$0.06 /Ft.
Concrete Pad and Cable Chamber for Feeder Switch Pad =.....	\$55.92 /MH X	7.41 MH =.....	\$414.37 /Pad
		Round To...	\$ 414.00 /Pad

Trench Credit for New UG Service Laterals

10.4.3	\$55.92 /MH X	0.029 MH =.....	\$1.62 /Ft.
		Round To...	\$1.60 /Ft.

Trench Credit for Replacement of OH Service with UG Service

10.5.4.	0.029 MH X	\$55.92 /MH X	63 Ft.	\$102.17 /Svc
			Round To...	\$102.00 /Svc

Shown on Page 3 of Basis

**1998 URD TARIFF
RISER TO HANDHOLE COST**

Overhead - Work Order #6488-07-010

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$60.21	\$73.69	\$133.90

Underground - Work Order #6487-07-010

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$257.13	\$223.59	\$480.72

DIFFERENTIAL = \$346.82

SERVICE LATERAL DIFFERENTIAL - LOW DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$82.82	\$45.90
Labor	\$195.42	\$76.66
Stores loading	\$7.16	\$3.97
EO	<u>\$44.78</u>	<u>\$19.85</u>
Total	\$330.18	\$146.38

UNDERGROUND	\$330.18
OVERHEAD	<u>(\$146.38)</u>
DIFFERENTIAL =	\$183.80

1998 URD TARIFF

SERVICE LATERAL DIFFERENTIAL - HIGH DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$62.86	\$34.93
Labor	\$155.48	\$69.10
Stores loading	\$5.44	\$3.02
EO	<u>\$35.11</u>	<u>\$16.80</u>
Total	\$258.89	\$123.85

UNDERGROUND	\$258.89
OVERHEAD	<u>(\$123.85)</u>
DIFFERENTIAL =	\$135.04

Appendix No. 4

(Continued from Sheet No. 6.090)

- 10.2.9. Location of Distribution Facilities
Underground distribution facilities will be located, as determined by the Company, to maximize their accessibility for maintenance and operation. The Applicant shall provide accessible locations for meters when the design of a dwelling unit or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.
- 10.2.10. Special Conditions
The costs quoted in these rules are based on conditions which permit employment of rapid construction techniques. The Applicant shall be responsible for necessary additional hand digging expenses other than what is normally provided by the Company. The Applicant is responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. Should pavings, 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 and backfilling and be responsible for restoration of property damaged to accommodate the installation of underground facilities.
- 10.2.11. Point of Delivery
The point of delivery shall be determined by the Company and will normally be at or near the part of the building nearest the point at which the secondary electric supply is available to the property. When a location for a point of delivery different from that designated by the Company is requested by the Applicant, and approved by the Company, the Applicant shall pay the estimated full cost of service lateral length, including labor and materials, required in excess of that which would have been needed to reach the Company's designated point of service. The additional cost per trench foot is ~~\$3.94~~\$3.70. Where an existing trench is utilized, the additional cost per trench foot is ~~\$1.91~~\$1.83. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is ~~\$1.54~~\$1.51. Any redesignation requested by the Applicant shall conform to good safety and construction practices as determined by the Company. Service laterals shall be installed, where possible, in a direct line to the point of delivery.
- 10.2.12. Location of Meter and Downpipe
The Applicant shall install a meter enclosure, downpipe and ell to accommodate the Company's service lateral conductors at the point designated by the Company. These facilities will be installed in accordance with the Company's specifications and all applicable codes.
- 10.2.13. Relocation or Removal of Existing Facilities
If the Company is required to relocate or remove existing facilities in the implementation of these Rules, all costs thereof shall be borne exclusively by the Applicant. These costs will include the costs of relocation or removal, the in-place value (less salvage) of the facilities so removed and any additional costs due to existing landscaping, pavement or unusual conditions.
- 10.2.14. Development of Subdivisions
The Tariff charges are based on reasonably full 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 full use of facilities as determined by the Company, will not be experienced for at least two years, the Company may require a deposit from the Applicant before construction is commenced. This deposit, to guarantee performance, will be based on the estimated total cost of such facilities rather than the differential cost. The amount of the deposit, without interest, less any required contributions will be returned to the Applicant on a prorata basis at quarterly intervals on the basis of installations to new customers. Any portion of such deposit remaining unrefunded, after five years from the date the Company is first ready to render service from the extension, will be retained by the Company.

**SECTION 10.3 UNDERGROUND DISTRIBUTION FACILITIES FOR
 RESIDENTIAL SUBDIVISIONS AND DEVELOPMENTS**

10.3.1. Availability

When requested by the Applicant, the Company will provide underground electric distribution facilities, other than for multiple occupancy buildings, in accordance with its standard practices in:

- a) Recognized new residential subdivision of five or more building lots.
- b) Tracts of land upon which five or more separate dwelling units are to be located.

For residential buildings containing five or more dwelling units, see SECTION 10.6 of these Rules.

10.3.2. Contribution by Applicant

a) The Applicant shall pay the Company the average differential cost for single phase residential underground distribution service based on the number of service laterals required or the number of dwelling units, as follows:

	<u>Applicant's Contribution</u>
1. Where density is 6.0 or more dwelling units per acre:	
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$224.00 <u>\$190.00</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$22.00 <u>\$0</u>
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$309.00 <u>\$268.00</u>
3. Where the density is less than 0.5 dwelling units per acre, or the Distribution System is of non-standard design, individual cost estimates will be used to determine the differential cost as specified in Paragraph 10.2.5.	

Additional charges specified in Paragraphs 10.2.10 and 10.2.11 may also apply.

b) The above costs are based upon arrangements that will permit serving the local underground distribution system within the subdivision from overhead feeder mains. If feeder mains within the subdivision are deemed necessary by the Company to provide and/or maintain adequate service and are required by the Applicant or a governmental agency to be installed underground, the Applicant shall pay the Company the average differential cost between such underground feeder mains within the subdivision and equivalent overhead feeder mains, as follows:

	<u>Applicant's Contribution</u>
Cost per foot of feeder trench within the subdivision (includes padmounted switches)	\$20.00 <u>\$21.20</u>

c) Where primary laterals are needed to cross open areas such as golf courses, parks, other recreation areas and water retention areas, the Applicant shall pay the average differential costs for these facilities as follows:

Cost per foot of primary lateral trench within the subdivision	\$3.00 <u>\$2.20</u>
--	---------------------------------

(Continued on Sheet No. 6.110)

(Continued from Sheet No. 6.100)

- d) For requests for service where underground facilities to the lot line are existing and a differential charge was previously paid for these facilities, the cost to install an underground service lateral to the meter is as follows:

Density less than 6.0 dwelling units per acre:	\$ 205.00 <u>\$184.00</u>
Density 6.0 or greater dwelling units per acre:	\$ 153.00 <u>\$135.00</u>

10.3.3. Contribution Adjustments

- a) Credits will be allowed to the Applicant's contribution in Section 10.3.2.a) where, by mutual agreement, the Applicant provides all trenching and backfilling for the Company's distribution system, excluding feeder.

		<u>Credit to Applicant's Contribution</u>	
		<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:			
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.		\$ 80.00 <u>\$75.00</u>	\$ 61.00 <u>\$57.00</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.		\$ 61.00 <u>N/A</u>	N/A
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:			
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral		\$ 411.00 <u>\$108.00</u>	\$ 409.00 <u>\$102.00</u>

- b) Credits will be allowed to the Applicant's contribution in Section 10.3.2.a) where, by mutual agreement, the Applicant installs all Company-provided conduit excluding feeder per FPL instructions. This credit is:

		<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:			
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.		\$ 33.00 <u>\$31.00</u>	\$ 45.00 <u>\$14.00</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.		\$ 25.00 <u>N/A</u>	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.		\$ 45.00 <u>\$14.00</u>	\$ 23.00 <u>\$22.00</u>

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

- c) Credits will be allowed to the Applicant's contribution in Section 10.3.2. where, by mutual agreement, the Applicant provides a portion of trenching and backfilling for the Company's facilities. The credit is:

Credit per foot of trench within the subdivision ~~\$ 4.70~~ \$1.60

- d) Credits will be allowed to the Applicant's contribution in section 10.3.2. where, by mutual agreement, the Applicant installs a portion of Company-provided PVC conduit, per FPL instructions (per foot of conduit): 2" PVC - ~~\$-30~~ \$28; larger than 2" PVC - ~~\$-42~~ \$39.
- e) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided feeder splice box, per FPL instructions, per box - ~~\$441.00~~ \$12.00.
- f) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided primary splice box, per FPL instructions, per box - ~~\$116.00~~ \$108.00.
- g) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided secondary handhole, per FPL instructions, per handhole: 17" handhole - ~~\$14.00~~ \$10.00; 24" or 30" handhole - ~~\$31.00~~ \$29.00.
- h) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided concrete pad for a pad-mounted transformer, per FPL instructions, per pad - ~~\$18.00~~ \$17.00.
- i) Credit will be allowed to the Applicant's contribution in Section 10.3.2., where, by mutual agreement, the Applicant installs a portion of Company-provided flexible HDPE conduit, per FPL instructions (per foot of conduit): \$.06.
- j) Credit will be allowed to the Applicant's contribution in Section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided concrete pad and cable chamber for a pad-mounted feeder switch, per pad and cable chamber ~~\$444.00~~ \$14.00.

**SECTION 10.4 UNDERGROUND SERVICE LATERALS FROM
 OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS**

10.4.1. New Underground Service Laterals

When requested by the Applicant, the Company will install underground service laterals from overhead systems to newly constructed residential buildings containing less than five separate dwelling units.

10.4.2. Contribution by Applicant

a) The Applicant shall pay the Company the following differential cost between an overhead service and an underground service lateral, as follows:

	<u>Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$ 383.00 \$357.00
2. For any density, the Company will provide a riser to a handhole at the base of a pole - per service lateral.	\$ 359.00 \$347.00

Additional charges specified in Paragraph 10.2.10. and 10.2.11. may also apply. Underground service or secondary extensions beyond the boundaries of the property being served will be subject to additional differential costs as determined by individual cost estimates.

10.4.3. Contribution Adjustments

a) Credit will be allowed to the Applicant's contribution in Section 10.4.2. where, by mutual agreement, the Applicant provides trenching and backfilling for the Company's facilities. This credit is:

	<u>Credit To Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per foot.	\$ 4.70 \$1.60

(Continued on Sheet No. 6.125)

(Continued from Sheet No. 6.120)

- b) Credit will be allowed to the Applicant's contribution in Section 10.4.2, where by mutual agreement, the Applicant installs Company-provided conduit, per FPL instructions, as follows:

1. For any density:

Buildings that do not exceed four units,
townhouses, and mobile homes
- per foot:

2" PVC	\$ 30 <u>28</u>
Larger than 2" PVC	\$ 42 <u>39</u>

SECTION 10.5 UNDERGROUND SERVICE LATERALS REPLACING
EXISTING RESIDENTIAL OVERHEAD AND UNDERGROUND SERVICES10.5.1. Applicability

When requested by the Applicant, the Company will install underground service laterals from existing systems as replacements for existing overhead and underground services to existing residential buildings containing less than five individual dwelling units.

10.5.2. Rearrangement of Service Entrance

The Applicant shall be responsible for any necessary rearranging of his existing electric service entrance facilities to accommodate the proposed underground service lateral in accordance with the Company's specifications.

10.5.3. Trenching and Conduit Installation

The Applicant shall also provide, at no cost to the Company, a suitable trench, perform the backfilling and any landscape, pavement or other similar repairs and install Company provided conduit according to Company specifications. When requested by the Applicant and approved by the Company, the Company may supply the trench and conduit and the Applicant shall pay for this work based on a specific cost estimate. Should paving, grass, landscaping or sprinkler systems need repair or replacement during construction, the Applicant shall be responsible for restoring the paving, grass, landscaping or sprinkler systems to the original condition.

10.5.4. Contribution by Applicant

- a) The charge per service lateral replacing an existing Company-owned overhead service for any density shall be:

Applicant's
Contribution

- | | |
|--|-------------------------------|
| 1. Where the Company provides an underground service lateral: | \$ 294.00 \$270.00 |
| 2. Where the Company provides a riser to a handhole at the base of the pole: | \$ 395.00 \$380.00 |

- b) The charge per service lateral replacing an existing Company-owned underground service at Applicant's request for any density shall be:

- | | |
|---|-------------------------------|
| 1. Where the service is from an overhead system: | \$ 286.00 \$275.00 |
| 2. Where the service is from an underground system: | \$ 248.00 \$240.00 |

- c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:

\$ ~~255.00~~ \$237.00

- d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:

\$ ~~77.00~~ \$64.00