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April 2, 2001

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Betty Easley Conference Center, Room 110
Tallahassee, Florida 32399-0850

HAND DELIVERY

Re: Petition for Approval of 2001 Revisions to Florida Power & Light Company's Underground Residential Distribution Tariff

010386-EI

Dear Ms. Bayo:

Enclosed herewith for filing in the above-referenced docket on behalf of Florida Power & Light Company ("FPL") are the original and fifteen copies of FPL's Petition for Approval of 2001 Revisions to Underground Residential Distribution Tariff.

Please acknowledge receipt of these documents by stamping the extra copy of this letter "filed" and returning the copy to me.

Thank you for your assistance with this filing.

Sincerely,

Kenneth A. Hoffman

KAH/rl
Enclosures
FPL\Bayo.402

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of Underground Residential Distribution Tariff Revisions.	)	Docket No. 010386-EI
	)	Filed: April 2, 2001

PETITION FOR APPROVAL OF 2001 REVISIONS TO FLORIDA POWER & LIGHT COMPANY'S UNDERGROUND RESIDENTIAL DISTRIBUTION TARIFF

Florida Power & Light Company ("FPL"), by and through its undersigned counsel, and pursuant to Rule 25-6.078(2) and 25-6.033, Florida Administrative Code, hereby requests approval of FPL's revisions to its underground residential distribution tariff sheets, as set forth below. In support of this Petition, FPL states as follows:

1. All pleadings, correspondence, staff recommendations, orders, or other documents filed, served or issued in this docket should be served on the following individuals on behalf of FPL:

W. G. Walker, III
Vice President
Regulatory Affairs
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, Florida 32301
(850) 224-7517 (Telephone)
(850) 224-7197 (Telecopier)

Kenneth A. Hoffman, Esq.
Rutledge, Ecenia, Purnell & Hoffman, P.A.
P. O. Box 551
Tallahassee, Florida 32302
(850) 681-6788 (Telephone)
(850) 681-6515 (Telecopier)

2. Rule 25-6.078(2), Florida Administrative Code, requires each utility to file with the Florida Public Service Commission ("Commission"), Division of Electric and Gas Form PSC/EAG, Schedule 1, on or before October 15 of each year. If the cost differential for underground service as calculated in Schedule 1 varies from the Commission-approved differential by plus or minus 10% 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; however, the

rule also requires each utility to file a written policy and supporting data and analyses at least once every three years. This Petition and its Appendices are filed to comply with the three year filing requirement of Rule 25-6.078(2) and to provide justification and support for FPL's cost differential for residential underground service.

3. In complying with Rule 25-6.078(2), F.A.C., FPL has filed herewith the data, analysis and cost justification supporting the rates, terms and conditions for residential underground service which are found in the revised tariff sheets included in Appendix 1.

Appendix 1 includes the following revised tariff sheets amending the charges found in Section 6 of FPL's Tariff Book, General Rules and Regulations for Electric Service, and in Section 9, Standard Forms, in final format:

Sheet No. 6.095

Sheet No. 6.100

Sheet No. 6.110

Sheet No. 6.115

Sheet No. 6.120

Sheet No. 6.130

Sheet No. 9.763

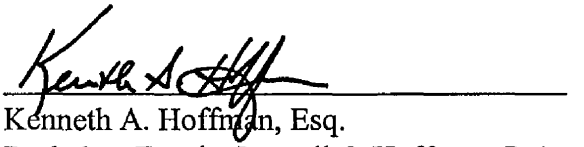
4. The revisions to the charges found in the above-specified tariff sheets are shown in legislative format in Appendix 4. Appendix 2 sets forth FPL's narrative support for the changes to its rules and regulations and standard forms in FPL's Tariff Book as described above. Appendix 3 details and supports FPL's changes in its Estimated Average Cost Differential, which support the changes in FPL's tariffs' identified above.

5. The information set forth in Appendices 1, 2, 3 and 4, filed herewith and incorporated herein by reference, provide the information required under Rule 25-6.078(1), (2), (3) and (4), F.A.C., and the necessary support for the relief requested in this Petition.

6. FPL requests the effective date for implementation of the revised tariffs presented with this Petition be thirty (30) days after the date of the Commission's vote approving the appended revised tariff sheets.

WHEREFORE, FPL requests the Commission to approve the revised tariff sheets filed in Appendix 1, effective thirty (30) days after the date of the Commission vote approving said revised tariff sheets.

Respectfully submitted,



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FPL/tariff.rev

APPENDIX 1
FPL Amended Tariff
Final Format

(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 $4.23. Where an existing trench is utilized, the additional cost per trench foot is $1.95. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is $1.56. 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 and downpipe 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:

	Applicant's Contribution
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.	$259.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$74.00
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	$376.00
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:

	Applicant's Contribution
Cost per foot of feeder trench within the subdivision (includes padmounted switches).	$22.60

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

(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:	$246.00
Density 6.0 or greater dwelling units per acre:	$186.00

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.

	Credit to Applicant's Contribution	
	Backbone	Service
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.	$88.00	$67.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$68.00	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	$128.00	$121.00

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:

	Backbone	Service
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.	$37.00	$21.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$28.00	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	$52.00	$30.00

(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 $ 1.90

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 - $.33; larger than 2" PVC - $.46.

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 - $487.00.

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 - $128.00.

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 - $12.00; 24" or 30" handhole - $34.00.

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 - $20.00.

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): $.07.

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 $312.00.

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:

	Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	$466.00
2. For any density, the Company will provide a riser to a handhole at the base of a pole - per service lateral.	$448.00

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:

	Credit To Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per foot.	$ 1.90

(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	$.33
	Larger than 2" PVC	$.46

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:	$359.00
2. Where the Company provides a riser to a handhole at the base of the pole:	$482.00

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:	$343.00
2. Where the service is from an underground system:	$303.00

c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be: $324.00

d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be: $104.00

(Continued from Sheet No. 9.762)

Riser Installation Checklist (For "downpipes" housing FPL #1/0 or #4/0 TPX Service Cable)

Service riser must be two (2) inches inside diameter and may be galvanized, IMC or PVC. EMT may not be used. If schedule 40 PVC is used, a portion of the riser and the first attached bend at the bottom of the riser must be encased in two (2) inches of concrete from twelve (12) inches below final grade to twelve (12) inches above final grade. Concrete encasement is not required if schedule 80 PVC is utilized for both the riser and first attached bend. Riser pipe is customer provided and installed, FPL will supply and install the bend. The customer may install the FPL provided schedule 80 bend if they desire.

With FPL approval, slight variances in customer's down pipe size may be accepted if suitable adaptable fittings are also provided by the customer, e.g. two and one-half (2 ½) inch down pipe is acceptable if an adapter to FPL two (2) inch conduit is provided.

Down pipes do not enter the center of an enclosure. Customer load wires exit on opposite side from down pipe or from the center of the enclosure. If two load conduits are used, they are kept to one side (opposite side from down pipe) of enclosure allowing space for FPL's cables.

Down pipes may extend below final grade and the attached bend must be aimed towards the source of FPL service. Centerline of the finished down pipe and bend, when aimed at the source of FPL service, will be no less than twenty-four (24) inches below final grade, and no more than thirty (30) inches below final grade. For a permanent structure such as a patio or A/C slab located at the base of the down pipe, a 24" radius, 90 degree bend must be installed by the customer (provided by FPL) and conduit must be extended twenty-four (24) inches beyond the structure (slab), is plugged at the end and is left exposed (uncovered).

Down pipes are securely strapped to the wall at two places - near the enclosure and near final grade.

FPL trench line is within six (6) inches of final grade, clear of below grade debris and other obstructions (mounds of dirt, paving, landscaping, sodding, debris, building materials, machinery, tree stumps, sprinkler systems, large rocks, etc.)

Grounding bushing installed where metallic down pipe enters enclosure through concentric knockout.

(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 $4.23. Where an existing trench is utilized, the additional cost per trench foot is $1.95. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is $1.56. 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

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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:

	Applicant's Contribution
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.	$259.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$74.00
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	$376.00
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:

	Applicant's Contribution
Cost per foot of feeder trench within the subdivision (includes padmounted switches).	$22.60

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

(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:	$246.00
Density 6.0 or greater dwelling units per acre:	$186.00

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.

	Credit to Applicant's Contribution	
1. Where density is 6.0 or more dwelling units per acre:	Backbone	Service
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	$88.00	$67.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$68.00	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	$128.00	$121.00

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:

	Backbone	Service
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.	$37.00	$21.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	$28.00	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	$52.00	$30.00

(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	$ 1.90

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 - $.33; larger than 2" PVC - $.46.

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 - $487.00.

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 - $128.00.

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 - $12.00; 24" or 30" handhole - $34.00.

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 - $20.00.

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): $.07.

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 $312.00.

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:

	Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	$466.00
2. For any density, the Company will provide a riser to a handhole at the base of a pole - per service lateral.	$448.00

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:

	Credit To Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per foot.	$ 1.90

(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	$.33
	Larger than 2" PVC	$.46

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

		Applicant's Contribution
a)	The charge per service lateral replacing an existing Company-owned overhead service for any density shall be:	
	1. Where the Company provides an underground service lateral:	$359.00
	2. Where the Company provides a riser to a handhole at the base of the pole:	$482.00
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:	$343.00
	2. Where the service is from an underground system:	$303.00
c)	The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	$324.00
d)	The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	$104.00

(Continued from Sheet No. 9.762)

Riser Installation Checklist (For "downpipes" housing FPL #1/0 or #4/0 TPX Service Cable)

Service riser must be two (2) inches inside diameter and may be galvanized, IMC or PVC. EMT may not be used. If schedule 40 PVC is used, a portion of the riser and the first attached bend at the bottom of the riser must be encased in two (2) inches of concrete from twelve (12) inches below final grade to twelve (12) inches above final grade. Concrete encasement is not required if schedule 80 PVC is utilized for both the riser and first attached bend. Riser pipe is customer provided and installed, FPL will supply and install the bend. The customer may install the FPL provided schedule 80 bend if they desire.

With FPL approval, slight variances in customer's down pipe size may be accepted if suitable adaptable fittings are also provided by the customer, e.g. two and one-half (2 ½) inch down pipe is acceptable if an adapter to FPL two (2) inch conduit is provided.

Down pipes do not enter the center of an enclosure. Customer load wires exit on opposite side from down pipe or from the center of the enclosure. If two load conduits are used, they are kept to one side (opposite side from down pipe) of enclosure allowing space for FPL's cables.

Down pipes may extend below final grade and the attached bend must be aimed towards the source of FPL service. Centerline of the finished down pipe and bend, when aimed at the source of FPL service, will be no less than twenty-four (24) inches below final grade, and no more than thirty (30) inches below final grade. For a permanent structure such as a patio or A/C slab located at the base of the down pipe, a 24" radius, 90 degree bend must be installed by the customer (provided by FPL) and conduit must be extended twenty-four (24) inches beyond the structure (slab), is plugged at the end and is left exposed (uncovered).

Down pipes are securely strapped to the wall at two places - near the enclosure and near final grade.

FPL trench line is within six (6) inches of final grade, clear of below grade debris and other obstructions (mounds of dirt, paving, landscaping, sodding, debris, building materials, machinery, tree stumps, sprinkler systems, large rocks, etc.)

Grounding bushing installed where metallic down pipe enters enclosure through concentric knockout.

APPENDIX NO. 2
FPL 2001
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 Original Sheet No. 9.763 and the Seventeenth Revised Sheet No. 6.095 section 10.2.12 have been revised to show that the customer is no longer responsible for installing the ell at the base of the downpipe. This bend will now be provided and installed by FPL.

APPENDIX NO. 3

FPL - 2001

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 2000. 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:

		Differential Cost All Soil Conditions
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.....	$376.00
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.....	$259.00
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.....	$74.00

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 $220.67 per service lateral.

Service lateral cost	$245.54
Pole-conduit cost	$220.67
Total cost	$466.21
Round To	$466.00

A URD riser to a handhole at the base of the pole had a differential cost of $447.56

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 Service	Riser to Handhole
UG service lateral cost	$466.21	$0.00
Riser to handhole cost	$0.00	$447.56
Less trenching credit	($121.00)	$0.00
Less conduit installation credit	($21.00)	$0.00
Remaining value of existing service	$15.25	$15.25
Removal cost of existing service	$25.60	$25.60
Salvage	($6.02)	($6.02)
Total cost	$359.04	$482.39
Round To	$359.00	$482.00

B. Cost per service lateral to replace Company-owned Underground Service.

	OH Source	UG Source
UG service lateral cost	$245.54	$245.54
Handhole for connection to existing riser X .25	$39.53	$0.00
Less trenching credit	($121.00)	($121.00)
Less conduit credit	($21.00)	($21.00)
Remaining value of existing service	$199.43	$199.43
Removal cost of existing service	$8.20	$8.20
Salvage	($8.02)	($8.02)
Total Cost	$342.68	$303.15
Round To	$343.00	$303.00

C. Cost to replace Customer-owned Underground Service from an Overhead System.

UG service lateral cost	$245.54
Pole-conduit cost	$220.67
Less trenching credit	($121.00)
Less conduit installation credit	($21.00)
TOTAL	$324.21
Round To	$324.00

D. Cost to replace Customer-owned Underground Service from an Underground System.

UG service lateral cost	$245.54
Less trenching credit	($121.00)
Less conduit installation credit	($21.00)
TOTAL	$103.54
Round To	$104.00

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, 2000 served by FPL are as follows:

Underground	2,473,108
Overhead	1,682,313
Total*	4,155,421

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

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

COMPANY: FPL DATE: 3/01/01

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

Low Density 210 Lot Subdivision
Cost per Service Lateral

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	$480.55	$738.43	$257.88
MATERIAL	$508.53	$626.35	$117.82
TOTAL	$989.08	$1,364.78	$375.70

EXHIBIT I

COMPANY: FPL DATE: 03/01/01

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	$74.86	$83.10	$157.96
Primary	$42.34	$49.53	$91.87
Secondary	$59.41	$74.92	$134.33
Initial Tree Trim	----------	---------	----------
Poles	$117.66	$172.78	$290.44
Transformers	$107.63	$24.43	$132.06
Sub-Total	$401.90	$404.76	$806.66
Stores Handling(3)	$26.43	----------	$26.43
SubTotal	$428.33	$404.76	$833.09
Engineering(5)	$80.20	$75.79	$155.99
TOTAL	$508.53	$480.55	$989.08

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 - 18.73% of All Material and Labor.

EXHIBIT II

COMPANY: FPL DATE: 03/01/01

COST PER SERVICE LATERAL UNDERGROUND MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	$203.24	$235.92	$439.16
Primary	$151.97	$108.94	$260.91
Secondary	$34.82	$18.90	$53.72
Transformers	$104.78	$7.84	$112.62
Prim. & Sec. Trenching	----------	$97.34	$97.34
Service Trenching	----------	$153.03	$153.03
Sub-Total	$494.81	$621.97	$1,116.78
Stores Handling(3)	$32.75	----------	$32.75
SubTotal	$527.56	$621.97	$1,149.53
Engineering(5)	$98.79	$116.46	$215.25
TOTAL	$626.35	$738.43	$1,364.78

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 - 18.73% of All Material and Labor.

EXHIBIT III

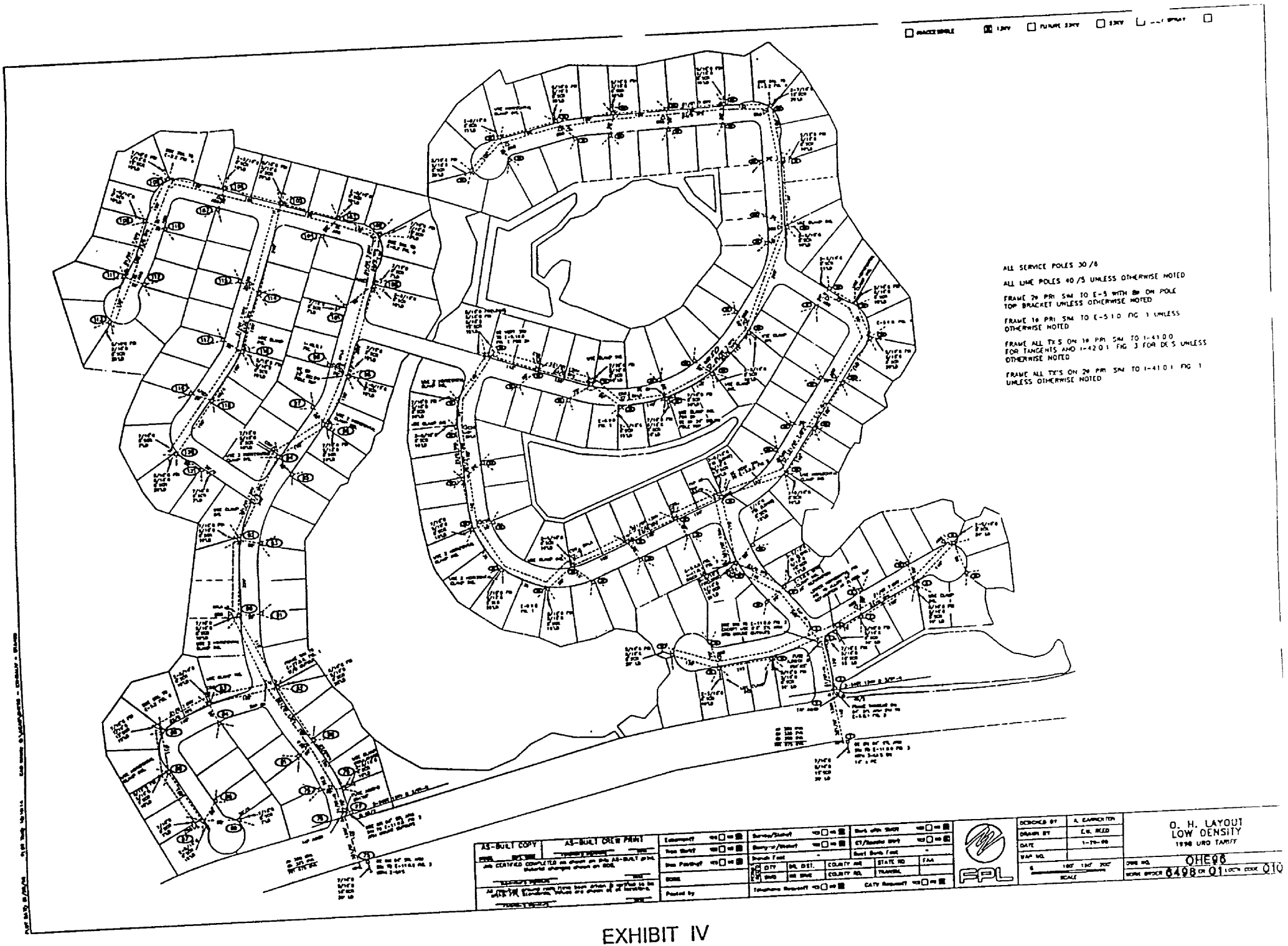


EXHIBIT IV
Sheet 1 of 2

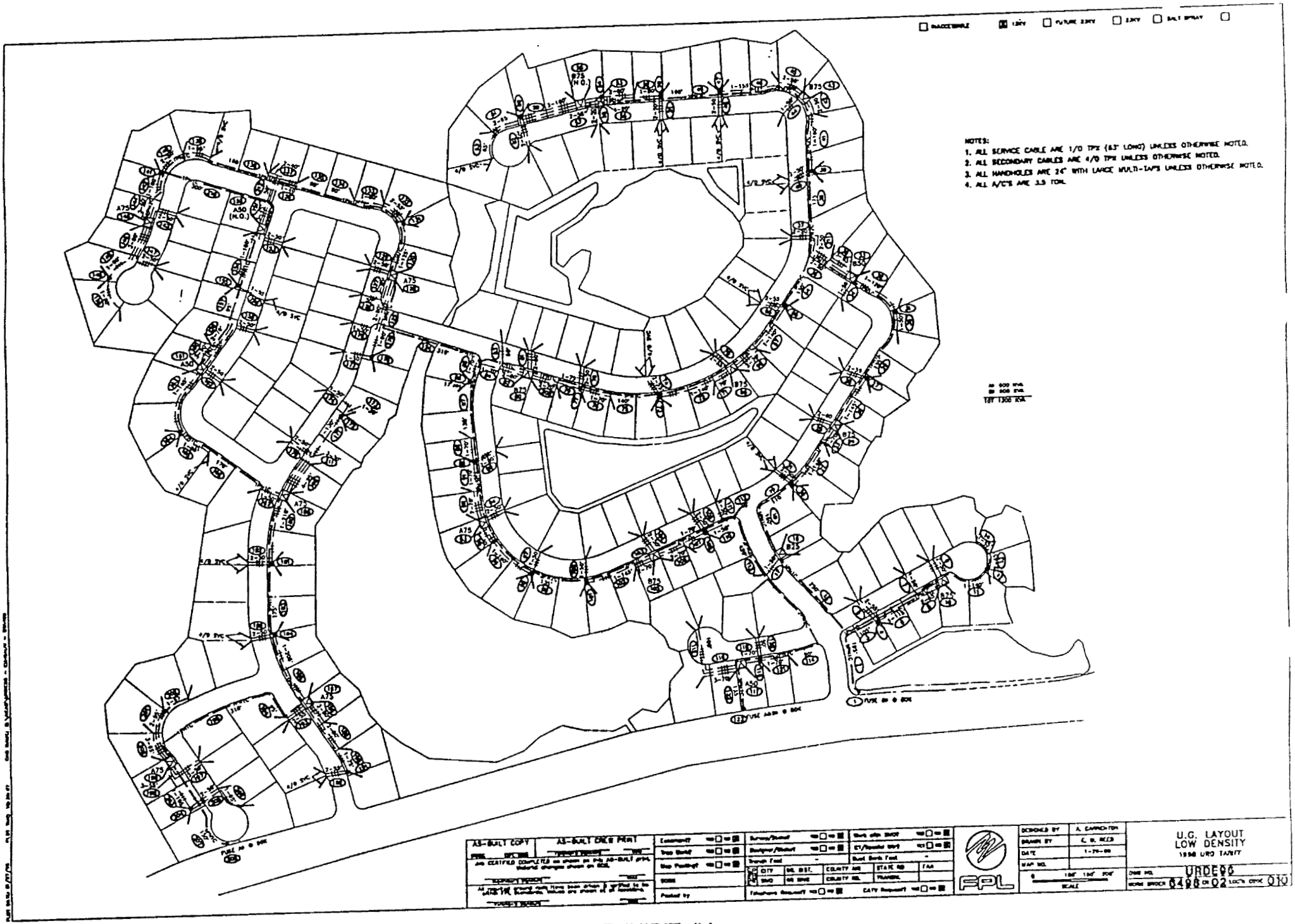


EXHIBIT IV
Sheet 2 of 2

2001 OH LOW DENSITY LAYOUT WITH 3.5 TON A/C

02/19/01 Meca

	1998	2001		
NUMBER OF LOTS =	210	210		
MECA STORES LDG % =	8.20%	7.37%	MATERIAL MULT 1998 =	1.00
ACTUAL STORES LDG % =	8.65%	6.80%	MATERIAL MULT 2001 =	1.00
ACTUAL EO =	15.69%	18.73%	OH LABOR MULT 1998 =	1.00
ACTUAL CO =	7.97%	8.03%	OH LABOR MULT 2001 =	1.00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.101	$8,691.17	$8,518.48			$4,993.80	$5,462.10				
SERVICE	369.100	$1,058.85	$1,133.83			$7,133.70	$7,803.60				
MTR.INST.(LAB)	586.380					$2,641.80	$2,889.60				
MTR COST(MAT)		$5,117.70	$5,562.90	$24.37	$26.49						
SERVICE SUBT W/O STORES LDG		$14,128.81	$14,552.66	$72.64	$74.86	$14,769.30	$16,155.30	$75.93	$83.10	$148.57	$157.96
PRIMARY	365.004	$6,975.69	$6,887.50			$8,802.85	$9,628.21				
PRIMARY	365.999	$2,036.06	$1,949.22			$0.00	$0.00				
PRIMARY SUBT W/O STORES LDG		$8,328.79	$8,230.16	$42.82	$42.34	$8,802.85	$9,628.21	$45.26	$49.53	$88.08	$91.87
SECONDARY	365.044	$173.18	$200.33			$405.95	$444.00				
SECONDARY	365.094	$11,944.88	$12,199.12			$7,458.60	$8,146.99				
SECONDARY	365.095	$0.00	$0.00			$0.00	$0.00				
SECONDARY	365.096	$0.00	$0.00			$0.00	$0.00				
SECONDARY	365.999	$0.00	$0.00			$5,450.37	$5,973.49				
SEC SUBT W/O STORES LDG		$11,199.69	$11,548.34	$57.58	$59.41	$13,314.92	$14,564.48	$68.46	$74.92	$126.04	$134.33
TREE TRIM(L)											
POLES	364.130	$4,203.04	$4,625.58			$8,881.73	$9,706.47				
POLES	364.135	$0.00	$0.00			$0.00	$0.00				
POLES	364.140	$18,560.23	$19,933.66			$21,826.88	$23,882.06				
POLES	364.999	$0.00	$0.00			$0.00	$0.00				
POLE SUBT W/O STORES LDG		$21,038.14	$22,873.47	$108.17	$117.66	$30,708.61	$33,588.53	$157.89	$172.78	$266.06	$290.44
TRANSFORMER	583.180	$0.00	$0.00			$0.00	$0.00				
TRANSFORMER	583.280	$0.00	$0.00			$4,342.14	$4,749.46				
TRANSFORMER PLANT(MAT)368		$21,095.00	$20,924.00								
TRANSFORMER SUBTOTAL		$21,095.00	$20,924.00	$108.46	$107.63	$4,342.14	$4,749.46	$22.32	$24.43	$130.78	$132.06
SUB-TOTAL		$75,790.43	$78,128.62	$389.67	$401.90	$71,937.82	$78,685.98	$369.86	$404.76	$759.53	$806.66
MATERIAL SUBTOTAL MINUS METER MATERIAL				$365.30	$375.41						
STORES LDG. %				8.65%	6.80%						
METER STORES LDG %				4.33%	3.40%						
TOTAL STORES LDG $				$32.65	$26.43					$32.65	$26.43
SUBTOTAL				$422.32	$428.33			$369.86	$404.76	$792.18	$833.09
EO				$66.26	$80.20			$58.03	$75.79	$124.29	$155.99
TOTAL				$488.58	$508.53			$427.89	$480.55	$916.47	$989.08

2001 UG LOW DENSITY LAYOUT WITH 3.5 TON A/C

02/26/01 Meca

	1998	2001		
NUMBER OF LOTS =	210	210	MATERIAL MULT 1998 =	1.00
MECA STORES LDG % =	8.20%	7.37%	MATERIAL MULT 2001 =	1.00
ACTUAL STORES LDG =	8.65%	6.80%	UG LABOR MULT 1998 =	1.00
ACTUAL EO =	15.69%	18.73%	UG LABOR MULT 2001 =	1.00
ACTUAL CO =	7.97%	8.03%	OH LABOR MULT 1998 =	1.00
			OH LABOR MULT 2001 =	1.00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.603	$32,320.00	$36,449.47			$56,348.70	$68,691.26				
SERVICE	369.600	$0.00	$0.00			$3,406.20	$4,029.90				
MTR.INST.(L)	586.380					$2,641.80	$2,889.60				
MTR COST(M)		$5,117.70	$5,562.90	$24.37	$26.49						
SERVICE TRENCH						($26,206.35)	($29,748.17)				
SERVICE SUBT W/O STORES LDG		$34,988.31	$39,510.44	$179.89	$203.24	$36,190.35	$45,862.59	$186.07	$235.92	$365.96	$439.16
PRIMARY	365.999	$246.01	$464.50			$198.79	$628.23				
PRIMARY	366.201	$3,151.17	$3,576.40			$9,792.92	$11,329.07				
PRIMARY	366.202	$3,776.57	$4,396.64			$9,790.77	$11,345.61				
PRIMARY	366.203	$2,245.87	$2,662.49			$4,771.51	$5,562.98				
PRIMARY	366.204	$128.00	$148.72			$230.95	$265.53				
PRIMARY	367.233	$19,447.48	$20,470.59			$9,423.28	$10,968.94				
PRIMARY	364.999	$53.08	$0.00			$23.28	$0.00				
PRI/SEC TRENCH						($17,973.81)	($18,923.30)				
PRIMARY SUBT W/O STORES LDG		$26,846.75	$29,542.09	$138.03	$151.97	$16,257.69	$21,177.06	$83.59	$108.94	$221.62	$260.91
SECONDARY	367.154	$7,261.98	$7,268.08			$3,109.69	$3,673.38				
SEC SUBT W/O STORES LDG		$6,711.63	$6,769.19	$34.51	$34.82	$3,109.69	$3,673.38	$15.99	$18.90	$50.50	$53.72
TRANSFORMER	583.280	$0.00	$0.00			$634.14	$750.42				
TRANSFORMER	366.801	$1,411.23	$1,350.86			$654.30	$774.18				
TRANSFORMER PLANT(MAT)	368	$20,577.00	$19,111.00								
TRANSFORMER SUBTOTAL		$21,881.28	$20,369.14	$112.50	$104.78	$1,288.44	$1,524.60	$6.62	$7.84	$119.12	$112.62
PRI/SEC TRENCH						$17,973.81	$18,923.30	$92.41	$97.34	$92.41	$97.34
SVC TRENCH						$26,206.35	$29,748.17	$134.74	$153.03	$134.74	$153.03
SUB-TOTAL		$90,427.96	$96,190.85	$464.93	$494.81	$101,026.33	$120,909.10	$519.42	$621.97	$984.35	$1,116.78
MATERIAL SUBTOTAL MINUS METER MATERIAL				$440.56	$468.32						
STORES LDG. %				8.65%	6.80%						
METER STORES LDG %				4.33%	3.40%						
TOTAL STORES LDG				$39.16	$32.75					$39.16	$32.75
SUBTOTAL				$504.09	$527.56			$519.42	$621.97	$1,023.51	$1,149.53
EO				$79.09	$98.79			$81.50	$116.46	$160.59	$215.25
TOTAL				$583.18	$626.35			$600.92	$738.43	$1,184.10	$1,364.78

COMPANY: FPL DATE: 03/01/01

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

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

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	$328.03	$475.96	$147.93
MATERIAL	$332.36	$443.59	$111.23
TOTAL	$660.39	$919.55	$259.16

EXHIBIT V

COMPANY: FPL

DATE: 03/01/01

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)	$63.16	$74.90	$138.06
Primary	$21.65	$37.67	$59.32
Secondary	$46.83	$49.94	$96.77
Initial Tree Trim	--------	--------	---------
Poles	$64.94	$97.32	$162.26
Transformers	$66.38	$16.46	$82.84
Sub-Total	$262.96	$276.29	$539.25
Stores Handling(3)	$16.98	--------	$16.98
SubTotal	$279.94	$276.29	$556.23
Engineering(5)	$52.42	$51.74	$104.16
TOTAL	$332.36	$328.03	$660.39

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 - 18.73% of All Material and Labor.

EXHIBIT VI

COMPANY: FPL DATE: 03/01/01

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)	$155.04	$149.00	$304.04
Primary	$83.29	$78.48	$161.77
Secondary	$31.48	$15.27	$46.75
Transformers	$80.87	$6.24	$87.11
Prim. & Sec. Trenching	----------	$58.24	$58.24
Service Trenching	----------	$93.66	$93.66
Sub-Total	$350.68	$400.89	$751.57
Stores Handling(3)	$22.95	----------	$22.95
SubTotal	$373.63	$400.89	$774.52
Engineering(5)	$69.96	$75.07	$145.03
TOTAL	$443.59	$475.96	$919.55

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 - 18.73% of All Material and Labor.

EXHIBIT VII

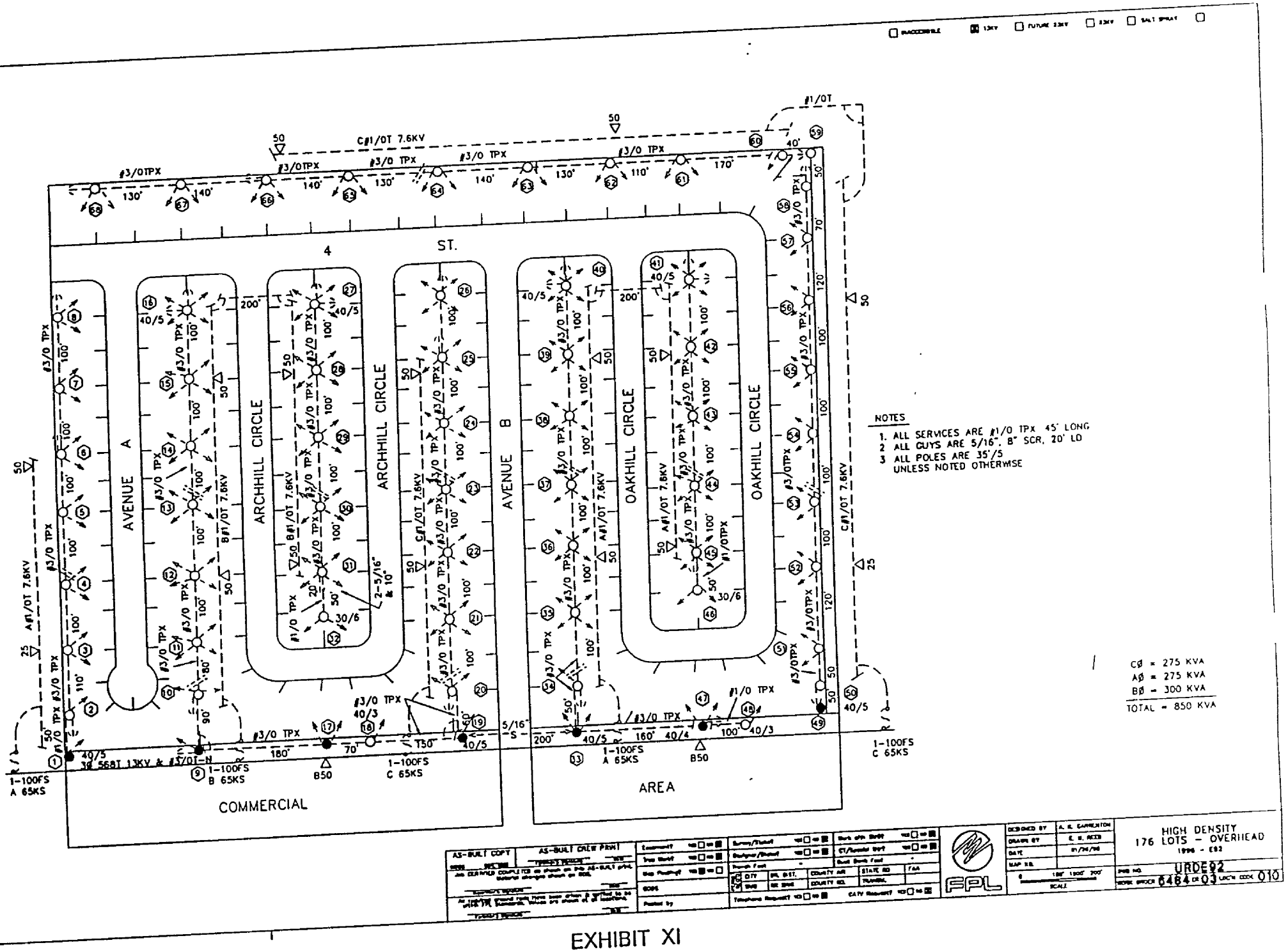
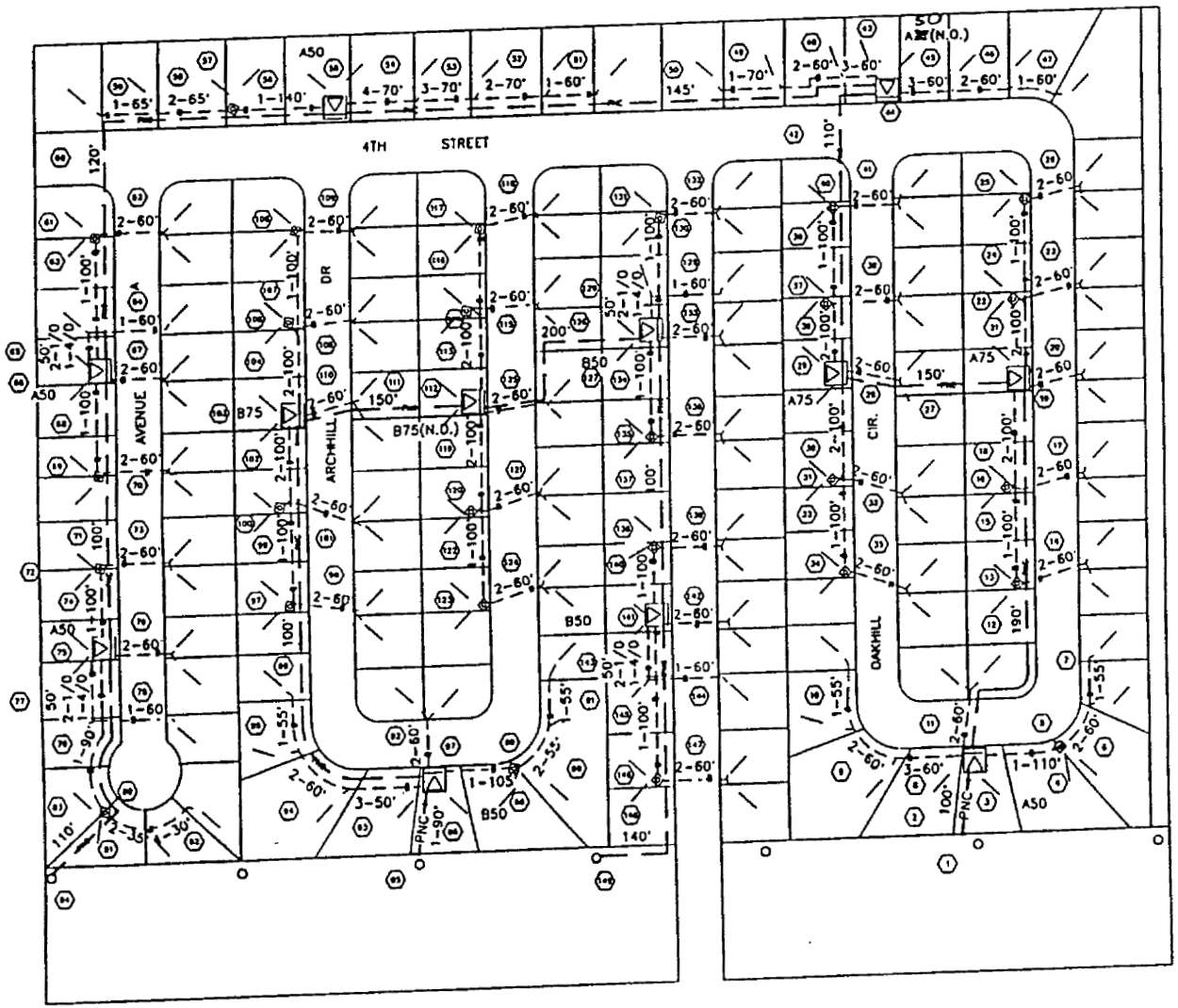


EXHIBIT XI
Sheet 1 of 4



NOTES
1. ALL SERVICE CABLES ARE 1/0 TPX (35 LONG)
2. ALL SECONDARY CABLES ARE 4/0 TPX, UNLESS NOTED
3. ALL MANHOLES ARE 24" WITH LARGE MULTI-TAPS
4. ALL A/C'S ARE 2.5 TON

B8 400 KVA
B4 300 KVA
101 700 KVA

AS-BUILT GREY PRINT

AS-BUILT COPY

FPL

U G LAYOUT
HIGH DENSITY
178 LOT SUBDIVISION

URDE94

EXHIBIT XI
Sheet 2 of 4

02/19/01 Meca

2001 OH HIGH DENSITY LAYOUT

	1998	2001		
NUMBER OF LOTS =	176	176		
MECA STORES LDG % =	8 20%	7 37%	MATERIAL MULT 2001 =	1 00
ACTUAL STORES LDG % =	8 65%	6.80%	MATERIAL MULT 1998 =	1 00
ACTUAL EO =	15.69%	18.73%	OH LABOR MULT 2001 =	1 00
ACTUAL CO =	7.97%	8.03%	OH LABOR MULT 1998 =	1 00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.101	$5,203.51	$5,099 77			$2,989.40	$3,269.80				
SERVICE	369.100	$884 82	$942.43			$5,952.59	$6,510.70				
MTR.INST.(LAB)	586.380					$2,214.43	$2,422.11				
MTR.COST(MAT)		$4,289.12	$4,662 24	$24.37	$26 49						
SERVICE SUBT	W/O STORES LDG	$9,916.04	$10,289.70	$60.83	$63.16	$11,156 42	$12,202 61	$68.44	$74.90	$129.27	$138 06
PRIMARY	365.004	$3,204.53	$3,037.30			$3,782.51	$4,136 79				
PRIMARY	365.999	$750.00	$750 00			$1,900.00	$2,000 00				
PRIMARY SUBT	W/O STORES LDG	$3,654.83	$3,527.34	$22.42	$21.65	$5,682.51	$6,136 79	$34 86	$37 67	$57 28	$59 32
SECONDARY	365 044	$283 22	$313 09			$746.77	$816 78				
SECONDARY	365.094	$6,895 66	$7,101.08			$4,670 58	$5,108.82				
SECONDARY	365.095	$0.00	$0 00			$0.00	$0.00				
SECONDARY	365 096	$0 00	$0 00			$0 00	$0.00				
SECONDARY	365.999	$788.79	$778.24			$1,949 63	$2,210 26				
SECONDARY SUBT	W/O STORES LDG	$7,363 84	$7,630 07	$45.17	$46.83	$7,366 98	$8,135 86	$45.19	$49 94	$90.36	$96 77
TREE TRIM(L)											
POLES	364.130	$172.71	$190 45			$366 14	$400.48				
POLES	364.135	$8,315 88	$9,053.82			$11,480.57	$12,557.27				
POLES	364.140	$1,722 97	$1,847.18			$2,232.10	$2,441 44				
POLES	364.999	$237.26	$268 81			$417.13	$456.20				
POLE SUBT W/O	STORES LDG	$9,656 95	$10,580 48	$59 24	$64.94	$14,495.94	$15,855 39	$88.93	$97 32	$148.17	$162 26
TRANSFORMER	583.28	$0 00	$0 00			$2,350 36	$2,570 84				
TRANSFORMER	583.18	$14.02	$11.10			$101.88	$111.42				
TRANSFORMER	368	$10,898 00	$10,805.00								
TRANSFORMER	SUBTOTAL	$10,910.96	$10,815.34	$66.93	$66.38	$2,452 24	$2,682.26	$15.04	$16.46	$81 97	$82 84
SUB-TOTAL		$41,502.62	$42,842.92	$254.59	$262.96	$41,154.09	$45,012.91	$252.46	$276.29	$507 05	$539 25
MATSUB-MTR (M)				$230 22	$236.47						
STORES LDG. %				8.65%	6.80%						
METER STORES LDG %				4 33%	3.40%						
TOTAL STORES LDG				$20.97	$16 98					$20.97	$16 98
SUBTOTAL				$275.56	$279.94			$252.46	$276.29	$528 02	$556 23
E0				$43.24	$52.42			$39.61	$51.74	$82.85	$104 16
TOTAL				$318 80	$332 36			$292 07	$328 03	$610 87	$660 39

2001 UG HIGH DENSITY LAYOUT

02/26/01 Meca

	1998	2001		
NUMBER OF LOTS =	176	176	MATERIAL MULT 2001 =	1.00
MECA STORES LDG % =	8 20%	7 37%	MATERIAL MULT 1998 =	1 00
ACTUAL STORES LDG % =	8.65%	6.80%	UG LABOR MULT 2001 =	1.00
ACTUAL EO =	15 69%	18.73%	UG LABOR MULT 1998=	1.00
ACTUAL CO =	7 97%	8.03%	OH LABOR MULT 2001 =	1.00
			OH LABOR MULT 1998 =	1.00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.603	$19,210.33	$22,115.85			$27,823.47	$33,737.32				
SERVICE	369.600	$0 00	$0 00			$2,854 72	$3,377.44				
MTR.INST.(L)	586.380					$2,214 08	$2,421.76				
MTR COST(M)		$4,289.12	$4,662 24	$24.37	$26.49						
SERVICE TRENCH						($14,246 18)	($15,260.12)				
SERVICE SUBT	W/O STORES LDG	$22,043.58	$25,260.03	$135.23	$155.04	$18,646 09	$24,276.40	$114.39	$149.00	$249.62	$304.04
PRIMARY	366.201	$2,780.11	$3,063 04			$7,414 21	$8,773 35				
PRIMARY	366 202	$2,106.70	$2,402.30			$4,258 68	$5,039.43				
PRIMARY	366.203	$443 25	$512 57			$902.25	$1,067.66				
PRIMARY	366 204	$0 00	$0.00			$0 00	$0 00				
PRIMARY	365 999	$246.05	$233 15			$198 80	$217.44				
PRIMARY	367.233	$7,899.23	$8,318 18			$6,065 85	$7,177.67				
PRIMARY	364.999	$35.75	$40 68			$0.00	$0 00				
PRI/SEC TRENCH						($8,858 29)	($9,488 76)				
PRIMARY SUBT	W/O STORES LDG	$12,487.14	$13,569.82	$76.60	$83.29	$9,981.50	$12,786.79	$61.23	$78.48	$137 83	$161.77
SECONDARY	367.154	$5,463.57	$5,507.63			$2,101.88	$2,487.18				
SECONDARY SUBT	W/O STORES LDG	$5,049.51	$5,129.58	$30.98	$31.48	$2,101.88	$2,487.18	$12.89	$15 27	$43 87	$46 75
TRANSFORMER	583.280	$0.00	$0 00			$422.76	$500.28				
TRANSFORMER	366.801	$940.82	$900.57			$436.20	$516.12				
TRANSFORMER	PLANT(MAT) 368	$13,193.00	$12,337.00								
TRANSFORMER	SUBTOTAL	$14,062.52	$13,175.75	$86.27	$80.87	$858 96	$1,016 40	$5.27	$6.24	$91 54	$87 11
PRI/SEC TRENCH						$8,858.29	$9,488.76	$54.34	$58 24	$54 34	$58 24
SVC TRENCH						$14,246.18	$15,260.12	$87.40	$93.66	$87.40	$93 66
SUB-TOTAL		$53,642.76	$57,135.19	$329.08	$350.68	$54,692.90	$65,315.65	$335.52	$400.89	$664.60	$751 57
MATSUB-MTR.(M)				$304.71	$324.19						
STORES LDG. %				8.65%	6.80%						
METER STORES LDG %				4 33%	3.40%						
TOTAL STORES LDG				$27.41	$22.95					$27 41	$22 95
SUBTOTAL				$356.49	$373.63			$335.52	$400.89	$692.01	$774 52
E0				$55.93	$69.96			$52 64	$75 07	$108 57	$145 03
TOTAL				$412.42	$443.59			$388.16	$475.96	$800 58	$919 55

COMPANY: FPL

DATE: 03/01/01

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	$268.79	$287.58	$18.79
MATERIAL	$290.33	$345.73	$55.40
TOTAL	$559.12	$633.31	$74.19

EXHIBIT VIII

COMPANY: FPL DATE: 03/01/01

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)	$33.85	$30.77	$64.62
Primary	$21.20	$36.41	$57.61
Secondary	$46.68	$47.67	$94.35
Initial Tree Trim	----------	----------	----------
Poles	$62.61	$95.09	$157.70
Transformers	$65.47	$16.46	$81.93
Sub-Total	$229.81	$226.40	$456.21
Stores Handling(3)	$14.73	----------	$14.73
SubTotal	$244.54	$226.40	$470.94
Engineering(5)	$45.79	$42.39	$88.18
TOTAL	$290.33	$268.79	$559.12

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 -18.73% of All Material and Labor.

EXHIBIT IX

COMPANY: FPL

DATE: 03/01/01

COST PER DWELLING UNIT UNDERGROUND MATERIAL AND LABOR

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

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	$28.62	$14.86	$43.48
Primary	$116.53	$120.13	$236.66
Secondary	$58.72	$35.60	$94.32
Transformers	$69.63	$5.20	$74.83
Prim. & Sec. Trenching	----------	$66.43	$66.43
Service Trenching	----------	----------	----------
Sub-Total	$273.50	$242.22	$515.72
Stores Handling(3)	$17.70	----------	$17.70
SubTotal	$291.20	$242.22	$533.42
Engineering(5)	$54.53	$45.36	$99.89
TOTAL	$345.73	$287.58	$633.31

1 - Includes Sales Tax.

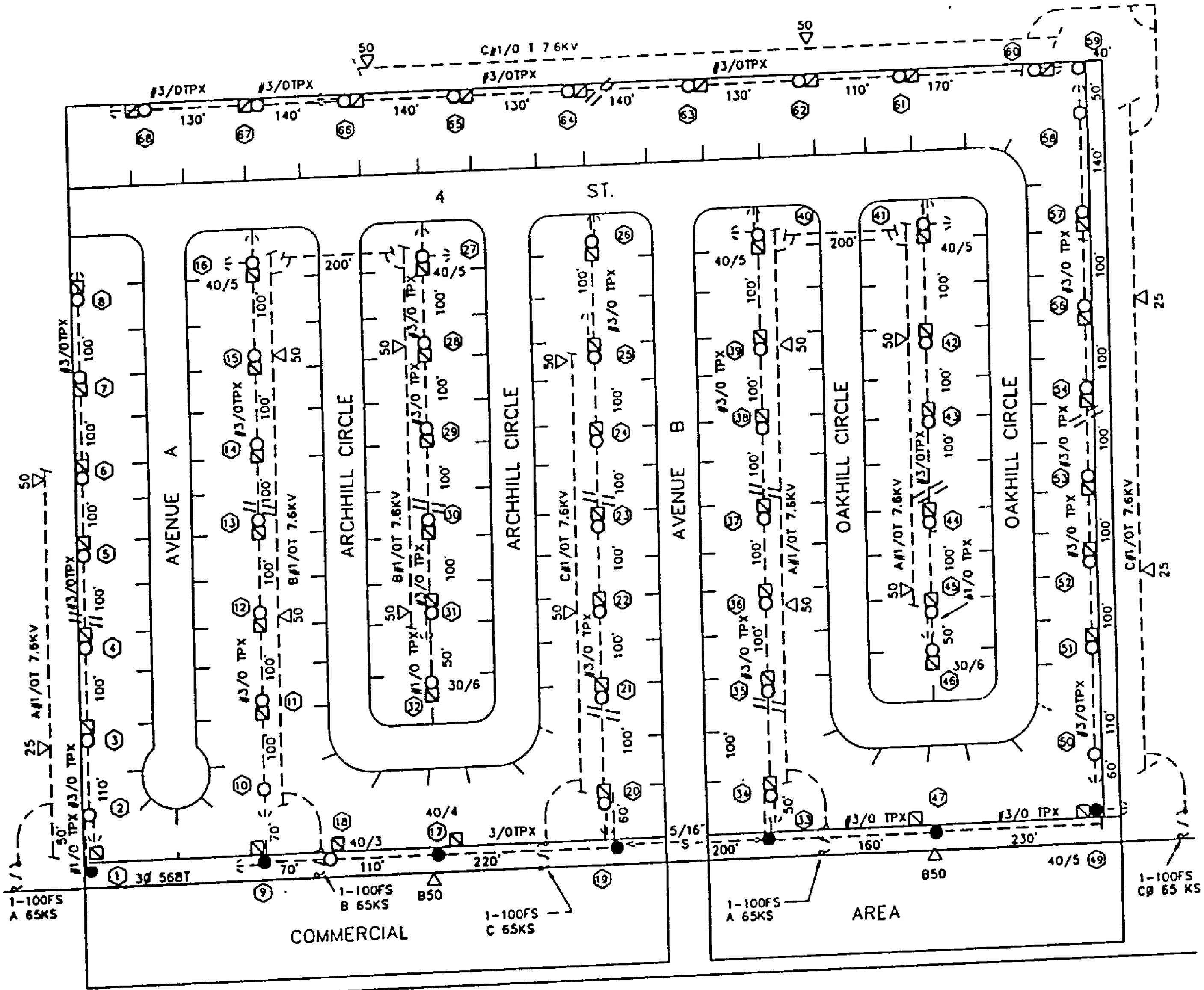
2 - Includes Meters.

3 - 6.80% of All Material Except Meters. 3.40% of Meters.

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

5 - 18.73% of All Material and Labor.

EXHIBIT X



NOTES
1. MECA LOCATIONS 48 & 55 HAVE BEEN DELETED
2. ALL GUYS ARE 5/16" 8" SCR. 20 LD
3. ALL SVC'S TO CUST METER PEDESTALS ARE #1/0 TPX, 16' LONG
4. ALL POLES ARE 35'/5 UNLESS NOTED OTHERWISE

AØ = 275 KVA
BØ = 300 KVA
CØ = 250 KVA
TOTAL = 825 KVA

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AS-BUILT CREW PRINT

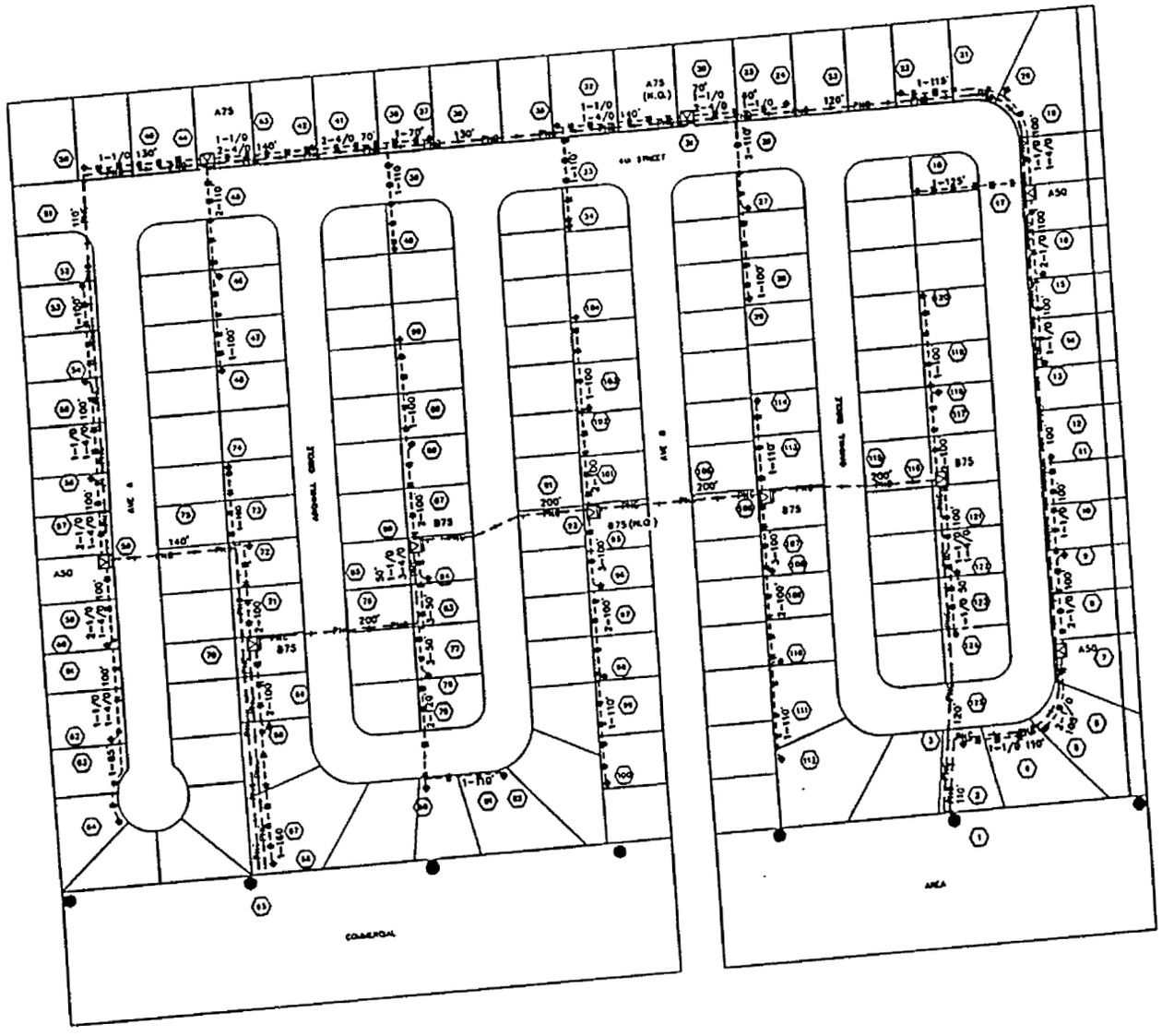
FPL

METER PEDESTALS - 176 LOTS - OVERHEAD

URDE93

6484 04 010

EXHIBIT XI
Sheet 3 of 4



NOTES
1. ALL SECONDARY IS 4/0 UNLESS NOTED
2. ALL MH'S ARE 17" WITH SMALL MULTAPS

REFERENCE DWG's

U.G. LAYOUT
METER PEDESTAL

URDE95

EXHIBIT XI
Sheet 4 of 4

02/09/01 Meca

2001 OH METER PEDESTAL LAYOUT

	1998	2001		
NUMBER OF LOTS =	176	176		
MECA STORES LDG % =	8 20%	7.37%	MATERIAL MULT 2001 =	1 00
ACTUAL STORES LDG % =	8 65%	6 80%	MATERIAL MULT 1998 =	1 00
ACTUAL EO =	15 69%	18.73%	OH LABOR MULT 2001 =	1 00
ACTUAL CO =	7.97%	8 03%	OH LABOR MULT 1998 =	1 00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.101	$620.51	$609.01			$356.36	$389.99				
SERVICE	369.100	$297.47	$306.42			$2,011 79	$2,200 70				
MTR.INST (LAB)	586 380					$2,214.43	$2,422.11				
MTR.COST(MAT)		$4,289.12	$4,662 24	$24 37	$26.49						
SERVICE SUBT	W/O STORES LDG	$5,137.53	$5,514.83	$31.52	$33.85	$4,582.58	$5,012 80	$28.11	$30.77	$59.63	$64.62
PRIMARY	365.004	$3,172.67	$3,008 73			$3,732.82	$4,082 43				
PRIMARY	365.999	$700.00	$700.00			$1,800.00	$1,850.00				
PRIMARY SUBT	W/O STORES LDG	$3,579.18	$3,454.16	$21.96	$21.20	$5,532.82	$5,932 43	$33 94	$36 41	$55 90	$57.61
SECONDARY	365.044	$291.38	$325 04			$679 83	$743 48				
SECONDARY	365.094	$6,865.58	$7,085 41			$4,419.53	$4,834.29				
SECONDARY	365.095	$0 00	$0 00			$0 00	$0.00				
SECONDARY	365.999	$759 21	$755 87			$1,892.99	$2,188 91				
SECONDARY SUBT	W/O STORES LDG	$7,316 24	$7,605.77	$44.88	$46.68	$6,992 35	$7,766 68	$42.90	$47 67	$87 78	$94 35
TREE TRIM(L)											
POLES	364.130	$174 81	$194 67			$381 24	$417.00				
	364.135	$8,198.18	$8,918.34			$11,322.66	$12,384.57				
	364.140	$1,464.30	$1,563 38			$2,050.91	$2,243 26				
	364 999	$252 90	$276 49			$408.95	$447.26				
POLE SUBT W/O	STORES LDG	$9,325 50	$10,201 06	$57.21	$62.61	$14,163.76	$15,492.09	$86 89	$95 09	$144 10	$157 70
TRANSFORMER	583 28	$0 00	$0 00			$2,350.36	$2,570 84				
TRANSFORMER	583.18	$14.02	$11.10			$101.88	$111 42				
TRANSFORMER	PLANT(MAT) 368	$10,712.00	$10,655 00								
TRANSFORMER	SUBTOTAL	$10,727.17	$10,666.92	$65.81	$65.47	$2,452 24	$2,682 26	$15 04	$16.46	$80 85	$81.93
SUB-TOTAL		$36,085.61	$37,442.75	$221.38	$229.81	$33,723 75	$36,886.26	$206.88	$226.40	$428 26	$456.21
MATSUB-MTR.(M)				$197.01	$203.32						
STORES LDG. %				8.65%	6.80%						
METER STORES LDG %				4.33%	3.40%						
TOTAL STORES LDG				$18.10	$14.73					$18 10	$14 73
SUBTOTAL				$239.48	$244.54			$206 88	$226.40	$446 36	$470 94
E0				$37.57	$45.79			$32.46	$42 39	$70 03	$88 18
TOTAL				$277.05	$290.33			$239.34	$268 79	$516.39	$559 12

2001 UG METER PEDESTAL LAYOUT

02/19/01 Meca

	1998	2001		
NUMBER OF LOTS =	176	176	MATERIAL MULT 2001 =	1.00
MECA STORES LDG % =	8.20%	7.37%	MATERIAL MULT 1998 =	1.00
ACTUAL STORES LDG% =	6.65%	6.80%	UG LABOR MULT 2001 =	1.00
ACTUAL EO =	15.69%	18.73%	UG LABOR MULT 1998 =	1.00
ACTUAL CO =	7.97%	8.03%	OH LABOR MULT 2001 =	1.00
			OH LABOR MULT 1998 =	1.00

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 1998	MATERIAL W/O CO 2001	MATERIAL COST/LOT WITH CO 1998	MATERIAL COST/LOT WITH CO 2001	LABOR W/O CO 1998	LABOR W/O CO 2001	LABOR COST/LOT WITH CO 1998	LABOR COST/LOT WITH CO 2001	TOTAL LABOR & MATERIAL 1998	TOTAL LABOR & MATERIAL 2001
SERVICE	369.603	$0.00	$0.00			$0.00	$0.00				
SERVICE	369.600	$0.00	$0.00			$0.00	$0.00				
MTR.INST.(LAB)	586.380					$2,214.08	$2,421.76				
MTR COST(MAT)		$4,289.12	$4,662.24	$24.37	$26.49						
SERVICE TRENCH						$0.00	$0.00				
SERVICE SUBT	W/O STORES LDG	$4,289.12	$4,662.24	$26.31	$28.62	$2,214.08	$2,421.76	$13.58	$14.86	$39.89	$43.48
PRIMARY	366.201	$2,607.90	$3,023.09			$5,432.29	$6,858.10				
PRIMARY	366.202	$2,296.88	$2,708.60			$3,936.21	$4,929.74				
PRIMARY	366.203	$2,227.25	$2,650.56			$3,956.92	$4,887.54				
PRIMARY	366.204	$874.35	$1,047.34			$1,586.89	$1,943.57				
PRIMARY	366.205	$118.42	$141.88			$194.82	$239.39				
PRIMARY	365.999	$245.98	$1,169.86			$198.78	$1,087.20				
PRIMARY	367.233	$7,211.01	$9,321.25			$6,482.50	$10,196.43				
PRIMARY	364.999	$69.38	$322.87			$46.56	$254.60				
PRI/SEC TRENCH						($10,104.74)	($10,823.93)				
PRIMARY SUBT	W/O STORES LDG	$14,465.04	$18,986.17	$88.74	$116.53	$11,730.23	$19,572.64	$71.96	$120.13	$160.70	$236.66
SECONDARY	367.154	$10,323.41	$10,271.91			$4,789.78	$5,799.97				
SECONDARY SUBT	W/O STORES LDG	$9,541.04	$9,566.83	$58.53	$58.72	$4,789.78	$5,799.97	$29.38	$35.60	$87.91	$94.32
TRANSFORMER	583.280	$0.00	$0.00			$352.30	$416.90				
TRANSFORMER	366.801	$784.02	$750.37			$363.50	$430.10				
TRANSFORMER	PLANT(M)	$11,452.00	$10,646.00								
TRANSFORMER	SUBTOTAL	$12,175.60	$11,344.86	$74.70	$69.63	$715.80	$847.00	$4.39	$5.20	$79.09	$74.83
PRI/SEC TRENCH						$10,104.74	$10,823.93	$61.99	$66.43	$61.99	$66.43
SVC TRENCH						$0.00	$0.00	$0.00	$0.00		
SUB-TOTAL		$40,471.80	$44,560.11	$248.28	$273.50	$29,554.63	$39,465.30	$181.30	$242.22	$429.58	$515.72
MATSUB-MTR.(M)				$223.91	$247.01						
STORES LDG. %				6.65%	6.80%						
METER STORES LDG %				4.33%	3.40%						
TOTAL STORES LDG				$20.42	$17.70					$20.42	$17.70
SUBTOTAL				$268.70	$291.20			$181.30	$242.22	$450.00	$533.42
EO				$42.16	$54.53			$28.45	$45.36	$70.61	$99.89
TOTAL				$310.86	$345.73			$209.75	$287.58	$520.61	$633.31

COMPANY: FPL DATE. 03/01/01

AVERAGE UNDERGROUND FEEDER COST

Underground	Overhead	Difference
$/Ft..... $33.66	$/Ft..... $11.09	$/Ft..... $22.57

Round To: $/Ft..... $22.60

AVERAGE UNDERGROUND LATERAL COST

Underground	Overhead	Difference
$/Ft..... $11.09	$/Ft..... $8.09	$/Ft..... $3.00

Round To: $/Ft..... $3.00

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

EXHIBIT XII

3/1/01

2001 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) = ...		$900,629.15
26 UG Lateral Risers not required if UG Feeder is used		
From Work Order #6484, cost of each Lateral Riser is	$1,724.65	
26 Lateral Risers X $1,724.65 = ...		($44,840.93)
Net UG Feeder Cost = ...		$855,788.22
UG Feeder per foot cost = ...		$33.66
OH Feeder Cost (#6481) =.....		$281,942.27
OH Feeder per foot cost = ...		$11.09
Feeder Differential Cost = ...		$22.57

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

2001 URD TARIFF

LATERAL COST*

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

Lateral Length = 1000 Feet

UG Lateral Cost (#6485-07) = ...	$11,090.08
UG Lateral Cost Per Foot =.....	$11.09
Overhead Lateral Cost (#6485-01) =.....	$8,090.22
Overhead Lateral Cost Per Foot =.....	$8.09
Lateral Differential Cost =.....	$3.00

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

2001 URD TARIFF

URD BASIS ADDENDUM TO APPENDIX NO. 3

10.3.3 Conduit Installation Credits

1. Low Density

Pri/Sec = ...	150.72 MH X	$66.17 /MH =.....	$9,973.14	
			210	Lots
			$47.49	/Lot
		Round To.....	$47.00	/Lot
Svc =.....	95.55 MH X	$66.17 /MH =.....	$6,322.54	
			210	Lots
			$30.11	/Lot
		Round To.....	$30.00	/Lot

2. High Density

Pri/Sec = ...	86.07 MH X	$66.17 /MH =.....	$5,695.25	
			176	Lots
			$ 32.36	/Lot
		Round To.....	$ 32.00	/Lot
Svc =.....	55.44 MH X	$66.17 /MH =.....	$3,668.46	
			176	Lots
			$20.84	/Lot
		Round To.....	$21.00	/Lot

3. Meter Pedestals

Pri/Sec = ...	74.74 MH X	$66.17 /MH =.....	$4,945.55	
			176	Lots
			$28.10	/Lot
		Round To.....	$28.00	/Lot

10.5.4	Replace Existing Service				
2" PVC	0.005 MH X	$66.17 /MH X.	63 Ft.=.....	$20.84 /Lot	
			Round To.....	$21.00 /Lot	
10.4.3	**UG Service from OH Lines**				
2" PVC	0.005 MH X	$66.17 /MH =.....		$0.33 /Ft.	
LARGER THAN 2" PVC	0.007 MH X	$66.17 /MH =.....		$0.46 /Ft.	
10.3.3.d.	**Credit for Installation of Conduit**				
2" PVC	0.005 MH X	$66.17 /MH =.....		$0.33 /Ft.	
LARGER THAN 2" PVC	0.007 MH X	$66.17 /MH =.....		$0.46 /Ft.	
10.2.11	**Extensions of Service Beyond Point of Delivery**				
CABLE MATERIAL	$0.67 /Ft. X	1.068 Stores Loading = ...		$0.72 /Ft.	
	$0.72 /Ft. X	1.18725 EO = ...		$0.85 /Ft.	
CABLE PULL	$66.17 /MH X	0.003 MH =.....		$ 0.20 /Ft.	
	$ 0.20 /Ft. X	1.18725 EO = ...		$0.24 /Ft.	
CONDUIT MATERIAL	$0.37 /Ft. X	1.068 Stores Loading = ...		$0.40 /Ft.	
	$0.40 /Ft. X	1.18725 EO = ...		$0.47 /Ft.	
CONDUIT LABOR	$66.17 /MH X	0.005 MH =.....		$0.33 /Ft.	
	$0.33 /Ft. X	1.18725 EO = ...		$0.39 /Ft.	
TRENCH	$66.17 /MH X	0.029 MH =.....		$1.92 /Ft.	
	$1.92 /Ft. X	1.18725 EO = ...		$2.28 /Ft.	
			TOTAL.....	$4.23 /Ft.	

When Customer Provides Trench and Conduit Installation

$0.85 + Cable Material +	$0.24 + Pull Labor +	$0.47 =..... Conduit Material	$1.56 /Ft.

2001 URD TARIFF

TRENCH CREDITS

10.3.3

1. Low Density

Pri/Sec = ...	406.39	MH	X	$66.17 /MH =.....		$26,890.83	
						210	Lots
						$128.05	/Lot
				Round To.....		$128.00	/Lot
Svc =.....	0.029	MH	X	$66.17 /MH X	63 Ft. =.....	$120.89	/Lot
				Round To.....		$121.00	/Lot

2. High Density

Pri/Sec = ...	234.53	MH	X	$66.17 /MH =.....		$15,518.85	
						176	Lots
						$88.18	/Lot
				Round To.....		$88.00	/Lot
Svc =.....	0.029	MH	X	$66.17 /MH X	35 Ft. =.....	$67.16	/Lot
				Round To.....		$67.00	/Lot

3. Meter Pedestals

Pri/Sec = ...	180.7	MH	X	$66.17 /MH =.....		$11,956.92	
						176	Lots
						$67.94	/Lot
				Round To.....		$68.00	/Lot

Feeder/Lateral Trench Credit =.	$66.17 /MH X	0.029	MH =.....	$1.92	/Ft.
			Round To....	$1.90	/Ft.
Feeder Splice Box Installation Credit =.....	$66.17 /MH X	7.36	MH =.....	$487.01	/Box
			Round To....	$487.00	/Box
Primary Splice Box Installation Credit =.....	$66.17 /MH X	1.94	MH =.....	$128.37	/Box
			Round To....	$128.00	/Box
Secondary Handhole Installation Credit					
For 17" Handhole = ...	$66.17 /MH X	0.18	MH =.....	$11.91	/HH
			Round To....	$12.00	/HH
For 24" or 30" Handhole = ...	$66.17 /MH X	0.51	MH =.....	$33.75	/HH
			Round To....	$34.00	/HH
Concrete Pad for Pad Mounted Transformer Credit =.....	$66.17 /MH X	0.3	MH =.....	$19.85	/Pad
			Round To.... $	20.00	/Pad
Flexible HDPE Conduit Installation Credit = ...	$66.17 /MH X	0.001	MH =.....	$0.07	/Ft.
Concrete Pad and Cable Chamber for Feeder Switch Pad =.....	$66.17 /MH X	4.71	MH =.....	$311.66	/Pad
			Round To.... $	312.00	/Pad

Trench Credit for New UG Service Laterals

10.4.3	$66.17 /MH X	0.029	MH =.....	$1.92	/Ft.
			Round To....	$1.90	/Ft.

Trench Credit for Replacement of OH Service with UG Service

10.5.4.	0.029 MH X $66.17 /MH X	63	Ft.	$120.89	/Svc
			Round To....	$121.00	/Svc

Shown on Page 3 of Basis

* An error in the credit for Concrete Pad and Cable Chamber for Feeder Switch Pad was discovered during preparation of the 2001 Tariff. The digits in the manhour rate were transposed to 7.41, the actual manhours for this task is 4.71 and has been corrected as such.

2001 URD TARIFF

RISER TO HANDHOLE COST

Overhead - Work Order #6488-07-010

Material	Labor	Total
$59.26	$81.12	$140.38

Underground - Work Order #6487-07-010

Material	Labor	
$272.33	$315.61	$587.93

DIFFERENTIAL = ... $447.56

SERVICE LATERAL DIFFERENTIAL - LOW DENSITY

	Underground	Overhead
Material	$98.44	$45.74
Labor	$232.74	$82.20
Stores loading	$6.69	$3.11
EO	$63.27	$24.54
Total	$401.13	$155.59

UNDERGROUND	$401.13
OVERHEAD	($155.59)
DIFFERENTIAL =	$245.54

2001 URD TARIFF

SERVICE LATERAL DIFFERENTIAL - HIGH DENSITY

	Underground	Overhead
Material	$77.56	$33.81
Labor	$184.69	$74.73
Stores loading	$5.27	$2.30
EO	$50.09	$20.75
Total	$317.62	$131.59

UNDERGROUND	$317.62
OVERHEAD	($131.59)
DIFFERENTIAL =	$186.03

2001 URD TARIFF MAJOR CHANGES

LOW DENSITY

$375 70	-	$267 63	=	$108 07	■	40 38%

LABOR		1998	2001	%INC	$ Diff. Impact	% Diff. Impact
1 Labor Rate	OH	$62.91	$68 81	9.38%	($32 14)	-29 74%
(Per MH)	UG	$55.92	$66 17	18.33%	$88.05	81 47%
2 Manhours	OH	1144	1144	0 00%	$0 00	0 00%
	UG	1801	1826	1 39%	$7.88	7.29%
3. EO/CO Rate		24.91%	26.75%	7.39%	$2.55	2.36%
Base		$138.52	$203.46	46.88%	$17.37	16.07%
Labor Sub-Total..					**$83.70**	**77.45%**

MATERIAL

1. 1/0 Tpx Svc	OH	$ 0.55	$ 0.54	-2.17%	$0.99	0.92%
Quantity	OH	17,349	17,349	0.00%	$0.00	0.00%
Cable Cost	UG	$ 0.67	$0.67	0.00%	$0.00	0.00%
Quantity	UG	24337	24337	0.00%	$0.00	0.00%
2. Sec. Cable 3/0	OH	$0.75	$0.77	2.39%	($0.87)	-0.80%
Cost 4/0	UG	$0.92	$0.91	-1.19%	($0.49)	-0.45%
Quantity 4/0	UG	9268	9252	-0.17%	($0.07)	-0.06%
3. Pri./Neut. 1/0	OH	$0.11	$0.14	25.00%	($2.18)	-2.02%
Quantity	OH	16,351	16,351	0.00%	$0.00	0.00%
Cable/Cond. 1/0	UG	$1.03	$1.10	6.69%	$4.74	4.38%
Cost/Quant. 1/0	UG	14418	14402	-0.11%	($0.08)	-0.08%
4. Transformer	OH	$620.44	$611.30	-1.47%	$1.48	1.37%
Quantity	OH	34	34	0.00%	$0.00	0.00%
Cost	UG	$1,143.17	$1,060.47	-7.23%	($7.09)	-6.56%
Quantity	UG	18	18	0.00%	$0.00	0.00%
5. Poles Cost		$123.60	$137.66	11.38%	($7.90)	-7.31%
Quantity		118	118	0.00%	$0.00	0.00%
6. Anchors Cost		$15.10	$16.09	6.57%	($0.32)	-0.29%
Quantity		67	67	0.00%	$0.00	0.00%
7. 2" PVC Cost		$0.30	$0.37	22.11%	$13.97	12.93%
Quantity		43796	44125	0.75%	$0.58	0.54%
8. 24" HH Cost		$67.73	$70.14	3.56%	$0.33	0.31%
Quantity		29	29	0.00%	$0.00	0.00%
9. 17" HH Cost		$42.38	$43 88	3.55%	$0.01	0.01%
Quantity		1	1	0.00%	$0.00	0.00%
10. Large Multitap Cost		$13.63	$14.98	9.94%	$0.56	0.52%
Quantity		87	87	0.00%	$0.00	0.00%
11. Small Multitap Cost		$8.69	$9.62	10.65%	$0.01	0.01%
Quantity		3	3	0.00%	$0.00	0.00%
12. Schedule 80 90 bend Cost		$0.00	$10.25	100.00%	$0.00	0.00%
Quantity		0	105	100.00%	$5.13	4.74%
13. Schedule 80 45 bend Cost		$0.00	$9.25	100.00%	$0.00	0.00%
Quantity		0	105	100.00%	$4.63	4.28%
14. Pri.DE Ins.	OH	$14.03	$14.65	4.42%	($0.14)	-0.13%
Quantity	OH	49	49	0.00%	$0.00	0.00%
15. Stores Loading Rate		8.65%	6.80%	-21.39%	($1.39)	-1.29%
Base		$75.26	$92.91	23.45%	$1.20	1.11%
16. EO/CO Rate		24.91%	26.75%	7.39%	$1.39	1.29%
Base		$75.73	$92.95	22.73%	$4.60	4.26%
17. Misc. Materials					$5.27	4.88%
Material Sub-Total.....					**$24.36**	**22.54%**
Total Differential Change.....					**$108.07**	**100.00%**

2001 URD TARIFF MAJOR CHANGES

HIGH DENSITY

$259 16	-	$189.71	=	$69.45	=	36.61%

LABOR		1998	2001	%INC	$ Diff. Impact	% Diff. Impact
1. Labor Rate	OH	$62.91	$68.81	9.38%	($21.92)	-31.57%
(Per MH)	UG	$55.92	$66.17	18.33%	$56.43	81.25%
2. Manhours	OH	654	654	0.00%	$0.00	0.00%
	UG	973	985	1.23%	$4.51	6.50%
3. EO/CO Rate		24.91%	26.75%	7.39%	$1.42	2.04%
Base		$76.92	$116.71	51.73%	$10.64	15.33%
Labor Sub-Total.....					**$51.07**	**73.54%**

MATERIAL

1. 1/0 Tpx Svc	OH	$0.55	$0.54	-2.17%	$0.61	0.88%
Cable Cost	UG	$0.67	$0.67	0.00%	$0.00	0.00%
Quantity	UG	16759	16759	0.00%	$0.00	0.00%
2. Sec. Cable 3/0	OH	$0.75	$0.77	2.39%	($0.62)	-0.89%
Cost 4/0	UG	$0.92	$0.91	-1.19%	($0.26)	-0.38%
Quantity 4/0	UG	4191	4191	0.00%	$0.00	0.00%
3. Pri./Neut. 1/0	OH	$0.11	$0.14	25.00%	($0.95)	-1.37%
Cable/Cond. 1/0	UG	$1.03	$1.10	6.69%	$1.92	2.76%
Cost/Quant. 1/0	UG	4886	4886	0.00%	$0.00	0.00%
4. Transformer	OH	$605.44	$596.14	-1.54%	$0.95	1.37%
Cost	UG	$1,099.42	$1,027.59	-6.53%	($4.90)	-7.05%
Quantity	UG	12	12	0.00%	$0.00	0.00%
5. 2" PVC Cost		$0.30	$0.37	22.11%	$8.50	12.24%
Quantity		22330	22330	0.00%	$0.00	0.00%
6. Poles Cost		$119.05	$131.04	10.07%	($4.15)	-5.98%
Quantity		61	61	0.00%	$0.00	0.00%
7. Anchors Cost		$15.10	$16.09	6.57%	($0.32)	-0.46%
Quantity		67	25	-62.69%	$3.22	4.63%
8. 24" HH Cost		$67.73	$70.14	3.56%	$0.37	0.53%
9. Large Multitap Cost		$13.63	$14.98	9.94%	$0.62	0.90%
12. Schedule 80 90 bend Cost		$0.00	$10.25	100.00%	$0.00	0.00%
Quantity		0	88	100.00%	$4.30	6.18%
13. Schedule 80 45 bend Cost		$0.00	$9.25	100.00%	$0.00	0.00%
Quantity		0	88	100.00%	$3.88	5.58%
12. EO/CO Rate		24.91%	26.75%	7.39%	$1.38	1.99%
Base		$74.96	$87.76	17.08%	$3.42	4.93%
13. Misc. Materials					$0.41	0.59%
Material Sub-Total.....					**$18.38**	**26.46%**
Total Differential Change.....					**$69.45**	**100.00%**

2001 URD TARIFF MAJOR CHANGES

METER PEDESTAL

$74 19	-	$4 22	=	$69 97	=	1658 06%

LABOR		1998	2001	%INC	$ Diff Impact	% Diff Impact
1. Labor Rate	OH	$62.91	$68.81	9.38%	($17.97)	-25.68%
(Per MH)	UG	$55.92	$66.17	18.33%	$33.29	47.58%
2. Manhours	OH	536	536	0.00%	$0.00	0.00%
	UG	524	595	13.55%	$26.69	38.15%
3. EO/CO Rate		24.91%	26.75%	7.39%	($0.44)	-0.62%
Base		($23.69)	$14.82	-162.55%	$10.30	14.72%
Labor Sub-Total.....					**$51.88**	**74.15%**
MATERIAL						
1. 1/0 Tpx Svc	OH	$0.55	$0.54	-2.17%	$0.08	0.12%
Cable Cost	UG	$0.67	$0.67	0.00%	$0.00	0.00%
Quantity	UG	2641	2615	-0.98%	($0.10)	-0.14%
2. Sec. Cable 3/0	OH	$0.75	$0.77	2.39%	($0.64)	-0.91%
Cost 4/0	UG	$0.92	$0.91	-1.19%	($0.43)	-0.62%
Quantity 4/0	UG	6921	6921	0.00%	$0.00	0.00%
3. Pri./Neut. 1/0	OH	$0.11	$0.14	25.00%	($0.96)	-1.37%
Cable/Cond. 1/0	UG	$1.03	$1.10	6.69%	$1.90	2.71%
Cost/Quant. 1/0	UG	4837	5397	11.58%	$3.50	5.00%
4. Transformer	OH	$595.11	$586.16	-1.50%	$0.92	1.31%
Cost	UG	$1,145.20	$1,064.59	-7.04%	($4.58)	-6.55%
Quantity	UG	10	10	0.00%	$0.00	0.00%
5. 2" PVC Cost		$0.30	$0.37	22.11%	$5.14	7.35%
Quantity		13508	13508	0.00%	$0.00	0.00%
6. HH Cost		$42.38	$43.88	3.55%	$0.42	0.60%
Quantity		49	44	-10.20%	($1.25)	-1.78%
7. Multitap		$8.69	$9.62	10.65%	$0.77	1.11%
Quantity		147	132	-10.20%	($0.82)	-1.17%
8. Poles Cost		$117.62	$129.48	10.09%	($3.98)	-5.68%
Quantity		59	59	0.00%	$0.00	0.00%
9. Anchors Cost		$15.10	$16.09	6.57%	($0.14)	-0.20%
Quantity		25	25	0.00%	$0.00	0.00%
10. Pri.DE Ins.	OH	$14.03	$14.65	4.42%	($0.07)	-0.10%
Quantity	OH	20	20	0.00%	$0.00	0.00%
11. Stores Loading Rate		8.65%	6.80%	-21.39%	($0.50)	-0.71%
Base		$26.90	$43.69	62.42%	$1.14	1.63%
12. EO/CO Rate		24.91%	26.75%	7.39%	$0.50	0.71%
Base		$27.06	$43.71	61.50%	$4.45	6.36%
13. Misc. Materials					$12.73	18.19%
Material Sub-Total.....					**$18.09**	**25.85%**
Total Differential Change.....					**$69.97**	**100.00%**

2001 OVERHEAD LABOR COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	1998	2001	%INC.	1998	2001	%INC.	1998	2001	%INC.	
1. SERVICE	$75.93	$83.10	9.44	$68.44	$74.90	9.44	$28.11	$30.77	9.46	1. SERVICE
2. PRIMARY	$45.26	$49.53	9.43	$34.86	$37.67	8.06	$33.94	$36.41	7.28	2. PRIMARY
3. SECONDARY	$68.46	$74.92	9.44	$45.19	$49.94	10.51	$42.90	$94.35	119.93	3. SECONDARY
4. POLES	$157.89	$172.78	9.43	$88.93	$97.32	9.43	$86.89	$95.09	9.44	4. POLES
5. TRANSFORMER	$22.32	$24.43	9.45	$15.04	$16.46	9.44	$15.04	$16.46	9.44	5. TRANSFORMER
6. EO	$58.03	$75.79	30.60	$39.61	$51.74	30.62	$32.46	$42.39	30.59	6. EO
7. TOTAL	$427.89	$480.55	12.31	292.07	328.03	12.31	$239.34	$315.47	31.81	7. TOTAL

LOW DENSITY

1. HIGHER LABOR RATE $62.91 TO $68.81.
2. HIGHER LABOR RATE $62.91 TO $68.81.
3. HIGHER LABOR RATE $62.91 TO $68.81.
4. HIGHER LABOR RATE $62.91 TO $68.81.
5. HIGHER LABOR RATE $62.91 TO $68.81.
6. HIGHER RATE 15.69% TO 18.73%.
   HIGHER BASE $369.86 TO $404.76.

HIGH DENSITY

1. HIGHER LABOR RATE $62.91 TO $68.81.
2. HIGHER LABOR RATE $62.91 TO $68.81.
3. HIGHER LABOR RATE $62.91 TO $68.81.
4. HIGHER LABOR RATE $62.91 TO $68.81.
5. HIGHER LABOR RATE $62.91 TO $68.81.
6. HIGHER RATE 15.69% TO 18.73%.
   HIGHER BASE $252.46 TO $276.29.

METER PEDESTAL

1. HIGHER LABOR RATE $62.91 TO $68.81.
2. HIGHER LABOR RATE $62.91 TO $68.81.
3. HIGHER LABOR RATE $62.91 TO $68 81.
4. HIGHER LABOR RATE $62 91 TO $68 81
5. HIGHER LABOR RATE $62.91 TO $68.81
6. HIGHER RATE 15.69% TO 18.73%
   HIGHER BASE $206.88 TO $273.33.

2001 OVERHEAD MATERIAL COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	1998	2001	%INC.	1998	2001	%INC.	1998	2001	%INC.	
1. SERVICE	$72.64	$74.86	3.06	$60.83	$63.16	3.83	$31.52	$33.85	7.39	1. SERVICE
2. PRIMARY	$42.82	$42.34	-1.12	$22.42	$21.65	-3.43	$21.96	$21.20	-3.46	2. PRIMARY
3. SECONDARY	$57.58	$59.41	3.18	$45.17	$46.83	3.68	$44.88	$46.68	4.01	3. SECONDARY
4. POLES	$108.17	$117.66	8.77	$59.24	$64.94	9.62	$57.21	$62.61	9.44	4. POLES
5. TRANSFORMER	$108.46	$107.63	-0.77	$66.93	$66.38	-0.82	$65.81	$65.47	-0.52	5. TRANSFORMER
6. STORES LD	$32.65	$26.43	-19.05	$20.97	$16.98	-19.03	$18.10	$14.73	-18.62	6. STORES LD
7. EO	$66.26	$80.20	21.04	$43.24	$52.42	21.23	$37.57	$45.79	21.88	7. EO
8. TOTAL	$488.58	$508.53	4.08	$318.80	$332.36	4.25	$277.05	$290.33	4.79	8. TOTAL

LOW DENSITY

1. HIGHER COST OF METERS $24.37 TO $26.49.
   LOWER COST OF SVC CABLE $0.55 TO $0.54

3. HIGHER COST OF #3/0 TPX $.75 TO $.77.
4. HIGHER COST OF POLES $123.69 TO $137.66 AVG.
5. LOWER COST OF TX $620.44 TO $611.30 AVG.
6. LOWER RATE 8.65% TO 6.80%.
   HIGHER BASE $389.67 TO $401.90.
7. HIGHER RATE 15.69% TO 18.73%
   HIGHER BASE $422.32 TO $428.33.

HIGH DENSITY

1. HIGHER COST OF METERS $24.37 TO $26.49.
   LOWER COST OF SVC CABLE $0.55 TO $0.54

3. HIGHER COST OF #3/0 TPX $.75 TO $.77.
4. HIGHER COST OF POLES $119.05 TO $131.04 AVG.
5. LOWER COST OF TX $605.44 TO $596.14 AVG.
6. LOWER RATE 8.65% TO 6.80%.
   HIGHER BASE $254.59 TO $262.96.
7. HIGHER RATE 15.69% TO 18.73%
   HIGHER BASE $275.56 TO $279.94.

METER PEDESTAL

1. HIGHER COST OF METERS $24.37 TO $26 49

3. HIGHER COST OF #3/0 TPX $ 75 TO $.77.
4. HIGHER COST OF POLES $117.62 TO $129.48 AVG
5. LOWER COST OF TX $595.11 TO $586.16 AVG
6. LOWER RATE 8.65% TO 6.80%.
   HIGHER BASE $221.38 TO $229.81.
7. HIGHER RATE 15.69% TO 18.73%
   HIGHER BASE $239.48 TO $244.54

2001 UNDERGROUND LABOR COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	1998	2001	%INC.	1998	2001	%INC.	1998	2001	%INC.	
1. SERVICE	$186.07	$235.92	26.79%	$114.39	$149.00	30.26%	$13.58	$14.86	9.43%	1. SERVICE
2. PRIMARY	**$83.59**	**$108.94**	**30.33%**	**$61.23**	**$108.94**	**77.92%**	**$71.96**	**$120.13**	**66.94%**	**2. PRIMARY**
3. SECONDARY	$15.99	$18.90	18.20%	$12.89	$18.90	46.63%	$29.38	$35.60	21.17%	3. SECONDARY
4. TRANSFORMER	**$6.62**	**$7.84**	**18.43%**	**$5.27**	**$6.24**	**18.41%**	**$4.39**	**$5.20**	**18.45%**	**4. TRANSFORMER**
5. P/S TRENCH	$92.41	$97.34	5.33%	$54.34	$58.24	7.18%	$61.99	$66.43	7.16%	5. P/S TRENCH
6. SVC TRENCH	$134.74	$153.03	13.57%	$87.40	$93.66	**7.16%**	**$0.00**	----------		**6. SVC TRENCH**
7. EO	$81.50	$116.46	42.90%	$52.64	$75.07	42.61%	$28.45	$45.36	59.44%	7. EO
8. TOTAL	$600.92	$738.43	22.88%	$388.16	$510.05	31.40%	$209.75	$287.58	37.11	8. TOTAL

LOW DENSITY

1. HIGHER LABOR RATE $55.92 TO $66.17.
   HIGHER OH LABOR RATE $62.91 TO $68.81
   FPL INSTALLING BEND AT DOWNPIPE $0.00 TO $5.00
2. HIGHER LABOR RATE $55.92 TO $66.17.
   LESS PRIMARY CABLE 14418' TO 14402'.
3. HIGHER LABOR RATE $55.92 TO $66.17.
4. HIGHER LABOR RATE $55.92 TO $66.17.
5. HIGHER LABOR RATE $55.92 TO $66.17.
6. LOWER LABOR RATE $59.90 TO $55.92.
7. HIGHER RATE 15.69% TO 18.73%.
   HIGHER BASE $519.42 TO $616.97.

HIGH DENSITY

1. HIGHER LABOR RATE $55.92 TO $66.17.
   HIGHER OH LABOR RATE $62.91 TO $68.81
   FPL INSTALLING BEND AT DOWNPIPE $0.00 TO $5.00
2. HIGHER LABOR RATE $55.92 TO $66.17.
3. HIGHER LABOR RATE $55.92 TO $66.17.
4. HIGHER LABOR RATE $55.92 TO $66.17.
5. HIGHER LABOR RATE $55.92 TO $66.17.
6. HIGHER LABOR RATE $55.92 TO $66.17.
7. HIGHER RATE 15.69% TO 18.73%.
   HIGHER BASE $335.52 TO $429.98.

METER PEDESTAL

1. HIGHER LABOR RATE $55.92 TO $66.17.
   HIGHER OH LABOR RATE $62.91 TO $68 81
2. HIGHER LABOR RATE $55.92 TO $66 17.
3. HIGHER LABOR RATE $55.92 TO $66.17.
4. HIGHER LABOR RATE $55.92 TO $66 17.
5. HIGHER LABOR RATE $55 92 TO $66.17
7. HIGHER RATE 15.69% TO 18.73%.
   HIGHER BASE $181.30 TO $242 22.

2001 UNDERGROUND MATERIAL COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	1998	2001	% INC.	1998	2001	% INC.	1998	2001	% INC.	
1. SERVICE	$179.89	$203.24	12.98%	$135.23	$155.04	14.65%	$26.31	$28.62	8.78%	1. SERVICE
2. PRIMARY	$138.03	$151.97	10.10%	$76.60	$83.29	8.73%	$88.74	$116.53	31.32%	2. PRIMARY
3. SECONDARY	$34.51	$34.82	0.90%	$30.98	$31.48	1.61%	$58.53	$58.72	0.32%	3. SECONDARY
4. TRANSFORMER	$112.50	$104.78	-6.86%	$86.27	$80.87	-6.26%	$74.70	$69.63	-6.79%	4. TRANSFORMER
5. STORES LDG	$39.16	$32.75	-16.37%	$27.41	$22.95	-16.27%	$20.42	$17.70	-13.32%	5. STORES LDG
6. EO	$79.09	$98.79	24.91%	$55.93	$69.96	25.08%	$42.16	$54.53	29.34%	6. EO
7. TOTAL	$583.18	$626.35	7.40%	$412.42	$443.59	7.56%	$310.86	$345.73	11.22%	7. TOTAL

LOW DENSITY

1. HIGHER COST OF 2" PVC $0.30 TO $0.37.
   MORE 2" PVC 43,796' TO 44,125'.
   HIGHER COST OF METERS $24.37 TO $26.49.
   FPL INSTALLING BEND AT DOWNPIPE $0.00 TO $10.30
2. HIGHER COST OF #1/0 PRI CBL $1.03 TO $1.10.
   MORE 2" PVC 43,796' TO 44,125'.
3. LOWER COST OF #4/0 TPX $.92 TO $.91.
   HIGHER COST OF HH AND MULTITAPS
4. LOWER COST OF TX $1143 TO $1060 AVG.
5. LOWER RATE 8.65% TO 6.80%.
6. LOWER RATE 15.69% TO 18.73%.

HIGH DENSITY

1. HIGHER COST OF 2" PVC $0.30 TO $0.37.
   HIGHER COST OF METERS $24.37 TO $26.49.
   FPL INSTALLING BEND AT DOWNPIPE $0.00 TO $10.25
2. HIGHER COST OF #1/0 PRI CBL $1.03 TO $1.10.
   HIGHER COST OF 2" PVC $0.30 TO $0.37.
3. LOWER COST OF #4/0 TPX $0.92 TO $0.91.
4. LOWER COST OF TX $1099 TO $1028 AVG.
5. LOWER RATE 8.65% TO 6.80%.
6. LOWER RATE 15.69% TO 18.73%.

METER PEDESTAL

1. HIGHER COST OF METERS $24.37 TO $26 49
2. HIGHER COST OF #1/0 PRI CBL $1.03 TO $1.10.
   HIGHER COST OF 2" PVC $0.30 TO $0 37.
3. LOWER COST OF #4/0 TPX $0.92 TO $0 91.
4. LOWER COST OF TX $1145 TO $1065
5. LOWER RATE 8.65% TO 6.80%
6. LOWER RATE 15.69% TO 18.73%.

LOW DENSITY SUMMARY 1993 - 2001

	1993	1994	1995	1996	1997	1998	2001	% CHANGE 98 to 01	% CHANGE 93 T0 01
UG EFFECTIVE MECA RATE	$52.12	$51 46	$53 49	$53.49	$59.90	$55.92	$66.17	18 33%	26.96%
OH EFFECTIVE MECA RATE	$60 28	$65.93	$53.99	$53.99	$60 51	$62.91	$68.81	9.38%	14.15%
MANHOURS LD-OH	1060	1052	1052	1144	1144	1144	1144	0.00%	7.92%
MANHOURS LD-UG	1799	1863	1861	1775	1776	1801	1811	0.56%	0.67%
OH-LABOR $ PER LOT	$310	$340	$278	$327	$358	$370	$405	9.39%	30.57%
UG-LABOR $ PER LOT	$457	$473	$487	$502	$551	$519	$622	19.84%	36.10%
OH-MATERIAL $/LOT	$306	$316	$342	$412	$383	$390	$402	3.05%	31.34%
UG-MATERIAL $/LOT	$372	$378	$398	$457	$447	$465	$495	6.41%	33.01%
DIFFERENTIAL $/LOT	$261	$246	$329	$277	$309	$268	$376	40.19%	43.95%
STORES LDG.$/LOT	$21.25	$28.20	$36.09	$46.17	$34.35	$32.65	$26.43	-19.05%	24.38%
ENGINEERING & OH	$125.99	$153.23	$143.14	$181.46	$136.92	$124.29	$155.99	25.50%	23.81%
HANDY-WHITMAN INDEX *	267	270	280	288	288	290	304	4.83%	13.86%
HANDY-WHITMAN %	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	4.83%	13.86%
CPI INDEX **	141.9	145.8	149.7	153.5	158.6	161.3	174.0	7.87%	22.62%
CPI %	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	7.87%	22.62%

* HANDY-WHITMAN TABLE E-2 TOTAL DISTRIBUTION PLANT FOR JULY 1 OF PREVIOUS YEAR

** CPI FOR ALL URBAN CONSUMERS (CPI-U) FOR DECEMBER OF PREVIOUS YEAR

2001 URD TARIFF HISTORICAL $

LOW DENSITY	1990	1991	1992	1993	1994	1995	1996	1997	1998	2001	% Change 90 to 01
Overhead	$743	$737	$763	$764	$837	$799	$967	$913	$916	$989	33 12%
% Change OH	-1 46%	-0 81%	3 53%	0 13%	9 55%	-4 54%	21 03%	-5 58%	0 33%	7 98%	
Underground	$1,078	$1,100	$1,092	$1,025	$1,083	$1,129	$1,244	$1,222	$1,184	$1,365	26 60%
% Change UG	-0 19%	2 04%	-0 73%	-6 14%	5 66%	4 25%	10 19%	-1 77%	-3 11%	15 27%	
Differential	$335	$363	$329	$261	$246	$329	$277	$309	$268	$376	12.15%
% Change Diff	2 76%	8 36%	-9.37%	-20 67%	-5.75%	33 74%	-15 81%	11.55%	-13.27%	40.19%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	19.22%
% Change H-W	5.81%	3.14%	1.52%	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4 83%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	37.99%
% Change CPI	4 65%	6.11%	3.06%	2.90%	2.75%	2 67%	2.54%	3.32%	1.70%	7.87%	

HIGH DENSITY	1990	1991	1992	1993	1994	1995	1996	1997	1998	2001	% Change 90 to 01
Overhead	$598	$614	$615	$616	$655	$621	$656	$610	$611	$611	2.15%
% Change OH	-1.32%	2.68%	0.16%	0.16%	6.33%	-5.19%	5.64%	-7.01%	0.16%	-0 02%	
Underground	$823	$877	$861	$778	$791	$804	$849	$835	$801	$920	11.73%
% Change UG	0 61%	6.56%	-1.82%	-9.64%	1.67%	1.64%	5.60%	-1.65%	-4.07%	14.80%	
Differential	$225	$263	$246	$162	$136	$183	$193	$224	$190	$309	37.19%
% Change Diff	6.13%	16.89%	-6.46%	-34.15%	-16.05%	34.56%	5.46%	16.06%	-15.18%	62.46%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	19.22%
% Change H-W	5.81%	3.14%	1.52%	0 00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	37.99%
% Change CPI	4 65%	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7 87%	

METER PEDESTAL	1990	1991	1992	1993	1994	1995	1996	1997	1998	2001	% Change 90 to 01
Overhead	$518	$530	$527	$527	$559	$528	$556	$516	$516	$559	7.94%
% Change OH	-2.08%	2.32%	-0.57%	0.00%	6.07%	-5.55%	5.30%	-7.19%	0.00%	8.36%	
Underground	$623	$625	$637	$528	$528	$536	$559	$537	$521	$633	1.65%
% Change UG	5.41%	0.32%	1.92%	-17.11%	0.00%	1 52%	4 29%	-3.94%	-2.98%	21.56%	
Differential	$105	$95	$110	$1	($31)	$8	$3	$22	$4	$74	-29.34%
% Change Diff	69.35%	-9.52%	15.79%	-99.09%	NMF	NMF	-62.50%	633.33%	-81.82%	1754.75%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	19.22%
% Change H-W	5.81%	3.14%	1.52%	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	37.99%
% Change CPI	4.65%	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	

APPENDIX 4
FPL Amended Tariff
Legislative Format

(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~~ $4.23. Where an existing trench is utilized, the additional cost per trench foot is ~~$1.83~~ $1.95. 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~~ $1.56. 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, and 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:

	Applicant's Contribution
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~~ $259.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	~~$0~~ $74.00
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~~ $376.00
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:

	Applicant's Contribution
Cost per foot of feeder trench within the subdivision (includes padmounted switches).	~~$21.20~~ $22.60

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~~ $3.00

(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~~ $246.00
Density 6.0 or greater dwelling units per acre:	~~$ 135.00~~ $186.00

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.

	Credit to Applicant's Contribution	
	Backbone	Service
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~~ $88.00	~~$ 57.00~~ $67.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	~~N/A~~ $68.00	N/A
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:		
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	~~$ 108.00~~ $128.00	~~$ 102.00~~ $121.00

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:

	Backbone	Service
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~~ $37.00	~~$ 14.00~~ $21.00
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	~~N/A~~ $28.00	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	~~$ 44.00~~ $52.00	~~$ 22.00~~ $30.00

(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~~ $1.90

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~~ $.33; larger than 2" PVC - ~~$.39~~ $.46.

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~~ $487.00.

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~~ $128.00.

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~~ $12.00; 24" or 30" handhole - ~~$29.00~~ $34.00.

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~~ $20.00.

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~~ $.07.

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~~ $312.00.

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:

	Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	~~$ 357.00~~ $466.00
2. For any density, the Company will provide a riser to a handhole at the base of a pole - per service lateral.	~~$ 347.00~~ $448.00

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:

	Credit To Applicant's Contribution
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes - per foot.	~~$ 1.60~~ $1.90

(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~~ $.33
	Larger than 2" PVC	~~$.39~~ $.46

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

		Applicant's Contribution
a)	The charge per service lateral replacing an existing Company-owned overhead service for any density shall be:	
	1. Where the Company provides an underground service lateral:	~~$ 270.00~~ $359.00
	2. Where the Company provides a riser to a handhole at the base of the pole:	~~$ 380.00~~ $482.00
b)	The charge per service lateral replacing an existing Company-owned underground service at Applicant's request for any density shall be:	
	1. Where the service is from an overhead system:	~~$ 275.00~~ $343.00
	2. Where the service is from an underground system:	~~$ 240.00~~ $303.00
c)	The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	~~$ 237.00~~ $324.00
d)	The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	~~$ 64.00~~ $104.00

(Continued from Sheet No. 9 762)

Riser Installation Checklist (For "downpipes" housing FPL #1/0 or #4/0 TPX Service Cable)

Service riser must be two (2) inches inside diameter and may be galvanized, IMC or PVC. EMT may not be used. If schedule 40 PVC is used, a portion of the riser and the first attached bend at the bottom of the riser must be encased in two (2) inches of concrete from twelve (12) inches below final grade to twelve (12) inches above final grade. Concrete encasement is not required if schedule 80 PVC is utilized for both the riser and first attached bend. Riser pipe ~~and bends are~~ is customer provided and installed. FPL will supply and install the bend. The customer may install the FPL provided schedule 80 bend if they desire.

With FPL approval, slight variances in customer's down pipe size may be accepted if suitable adaptable fittings are also provided by the customer, e.g. two and one-half (2 ½) inch down pipe is acceptable if an adapter to FPL two (2) inch conduit is provided.

Down pipes do not enter the center of an enclosure. Customer load wires exit on opposite side from down pipe or from the center of the enclosure. If two load conduits are used, they are kept to one side (opposite side from down pipe) of enclosure allowing space for FPL's cables.

Down pipes may extend below final grade and the attached bend must be aimed towards the source of FPL service. Centerline of the finished down pipe and bend, when aimed at the source of FPL service, will be no less than twenty-four (24) inches below final grade, and no more than thirty (30) inches below final grade. ~~Bottom of the down pipe is left exposed (uncovered) showing the bend and FPL attachment point.~~ For a permanent structure such as a patio or A/C slab located at the base of the down pipe, a 24" radius, 90 degree bend must be installed by the customer (provided by FPL) and conduit must be extended twenty-four (24) inches beyond the structure (slab), is plugged at the end and is left exposed (uncovered).

Down pipes are securely strapped to the wall at two places - near the enclosure and near final grade.

FPL trench line is within six (6) inches of final grade, clear of below grade debris and other obstructions (mounds of dirt, paving, landscaping, sodding, debris, building materials, machinery, tree stumps, sprinkler systems, large rocks, etc.)

Grounding bushing installed where metallic down pipe enters enclosure through concentric knockout.