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COMMISSION CLERK

April 1, 2005

VIA HAND DELIVERY

Ms. Blanca S. Bayó, Director
Division of the Commission Clerk and
Administrative Services
Florida Public Service Commission
Betty Easley Conference Center
2540 Shumard Oak Boulevard, Room 110
Tallahassee, FL 32399-0850

050226-E1

Re: Petition for Approval of 2005 Revisions to Florida Power & Light Company's
Underground Residential and Commercial Distribution Tariff

Dear Ms. Bayó:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an original
and 15 copies of FPL's Petition for Approval of 2005 Revisions to Underground Residential and
Commercial Distribution Tariff.

Also enclosed is a diskette containing FPL's Petition in Word. Please contact me should
you or your Staff have any questions regarding this filing.

Sincerely,

Patrick M. Bryan
Patrick M. Bryan, Esq.

*Orig Tariff + MAPs
Enclosures forwarded to ECR*

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

03233 APR-1 05

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of Underground Residential and Commercial Distribution Tariff Revisions.) Docket No. _____
)
) Filed: April 1, 2005

**PETITION FOR APPROVAL OF 2005 REVISIONS TO
FLORIDA POWER & LIGHT COMPANY'S UNDERGROUND
RESIDENTIAL AND COMMERCIAL 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 ("F.A.C."), hereby requests approval of FPL's revisions to its Underground Residential Distribution tariff sheets, as set forth below. In addition, FPL requests approval of FPL's revisions to its Underground Small Commercial/Industrial Distribution Tariffs 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:

Mr. William G. Walker, III
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Bill_Walker@fpl.com
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FPSC-COMMISSION CLERK

FPL's UNDERGROUND RESIDENTIAL DISTRIBUTION TARIFFS

(2) Rule 25-6.078(2), F.A.C., requires each utility to file with the Florida Public Service Commission ("Commission"), Division of Economic Regulation Form PSC/ECR 13-E, 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 URD 1.

Appendix URD 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. 6.085	Sheet No. 6.120	Sheet No. 9.700
Sheet No. 6.090	Sheet No. 6.125	Sheet No. 9.701
Sheet No. 6.095	Sheet No. 6.130	Sheet No. 9.702
Sheet No. 6.096	Sheet No. 6.200	Sheet No. 9.710
Sheet No. 6.100	Sheet No. 6.210	Sheet No. 9.725
Sheet No. 6.110	Sheet No. 9.220	Sheet No. 9.726
Sheet No. 6.115		

(4) The revisions to the charges found in the above-specified tariff sheets are shown in legislative format in Appendix URD 4. Appendix URD 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 URD 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 URD 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.

FPL's UNDERGROUND COMMERCIAL DISTRIBUTION TARIFFS

(6) Pursuant to Order No. PSC-00-2270-TRF-EI issued November 29, 2000, the Commission approved FPL's revisions to its small commercial/industrial underground tariff differentials. As acknowledged in that Order, the Commission does not require specific tariffed differentials for commercial and industrial customers, and FPL is the only investor-owned utility to include such charges in its tariffs.

(7) Appendix UCD 1 includes the following revised tariff sheets, in final and legislative formats, amending the charges found in Section 13 of FPL's Tariff Book, General Rules and Regulations for Electric Service and in Section 9, Standard Forms, in final format:

Sheet No. 6.510	Sheet No. 9.701
Sheet No. 6.520	Sheet No. 9.702
Sheet No. 6.530	Sheet No. 9.710
Sheet No. 6.540	Sheet No. 9.725
Sheet No. 9.700	Sheet No. 9.726

(8) Appendix UCD 2 sets forth FPL's revisions (additions/deletions) and the reasons for the changes to FPL's underground small commercial/industrial distribution differential tariff sheets.

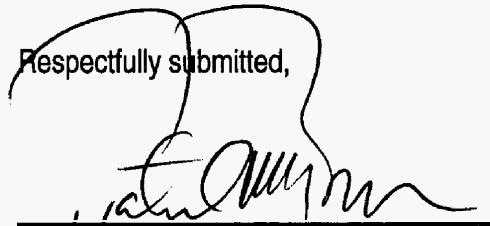
(9) The data and analyses supporting the changes in the UCD tariffs are set forth in Appendices UCD 3 and 4.

(10) The information set forth in Appendices UCD 1-4, filed herewith and incorporated by reference, provide the information necessary to support the revisions to FPL's underground small commercial/industrial distribution tariffs as requested in this Petition.

(11) 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 Appendices URD 1 and UDC 1, effective thirty (30) days after the date of the Commission vote approving said revised tariff sheets.

Respectfully submitted,



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URD
SECTION

APPENDIX I

Final Tariff

(Continued from Sheet No. 6.080)

SUBDIVISION - The tract of land which is divided into five or more building lots or upon which five or more separate dwelling units are to be located, or the land on which is to be constructed new multiple-occupancy buildings.

TOWNHOUSE - A one-family dwelling unit of a group such that units are separated only by fire walls. Each townhouse unit shall be constructed upon a separate lot and serviced with separate utilities and shall otherwise be independent of one another.

TUG - An acronym formed from the term Temporary UnderGround used to describe the temporary condition in which a building's permanent underground FPL service lateral is utilized to provide electric service to that building during its construction.

SECTION 10.2 GENERAL

10.2.1. Application

Underground electric distribution facilities are offered in lieu of overhead facilities in accordance with these Rules and Regulations for:

- a) New Residential Subdivisions and Developments.
- b) New Service Laterals from Overhead Systems.
- c) Replacement of Existing Overhead and Underground Service Laterals.
- d) New Multiple-Occupancy Residential Buildings.

10.2.2. Early Notification and Coordination

In order for the Company to provide service when required, it is necessary that the Applicant notify the Company during the early stages of planning major projects. Close coordination is necessary throughout the planning and construction stages by the Company, the architect, the builder, the subcontractors and the consulting engineer to avoid delays and additional expense. Particular attention must be given to the scheduling of the construction of paved areas and the various subgrade installations of the several utilities. Failure of the Applicant to provide such notification and coordination shall result in the Applicant paying any additional costs incurred by the Company.

10.2.3. Changes to Plans, Layout or Grade

The Applicant shall pay for any additional costs imposed on the Company by Applicant including, but not limited to, engineering design, administration and relocation expenses, due to changes made subsequent to the agreement in the subdivision or development layout or final grade.

10.2.4. Underground Installations Not Covered

Where the Applicant requests or governmental ordinance mandates underground electric facilities including - but not limited to - three phase primary feeder mains, transformers, pedestal mounted terminals, switching equipment, meter cabinets, service laterals or other electric facilities not specifically covered by these Rules and Regulations and where overhead facilities would otherwise be provided, the Applicant shall pay the Company the differential installed cost between the underground facilities and the equivalent overhead facilities as calculated by the Company. The Applicant shall also provide necessary rights of way and easements as given in Section 10.2.7.

10.2.5. Type of System Provided

The costs quoted in these rules are for underground residential distribution service laterals, secondary and primary conductors of standard Company design with cable in conduits and above-grade appurtenances. Unless otherwise stated, service provided will be 120/240 volt, single phase. If other types of facilities other than standard Company design are requested by the Applicant or required by governmental authority, the Applicant will pay the additional costs, as calculated by the Company, if any.

10.2.6. Design and Ownership

The Company will design, install, own, and maintain the electric distribution facilities up to the designated point of delivery except as otherwise noted. Any payment made by the Applicant under the provisions of these Rules will not convey to the Applicant any rights of ownership or right to specify Company facilities utilized to provide service.

10.2.7. Rights of Way and Easements

The Applicant shall record and furnish satisfactory rights of way and easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, as required by and at no cost to the Company prior to the Company initiating construction. Before the Company will start construction, these rights of way and easements must be cleared by the Applicant of trees, tree stumps and other obstructions that conflict with construction, staked to show property corners and survey control points, graded to within six inches of final grade, with soil stabilized. In addition, the Applicant shall provide stakes showing final grade along the easement. Such clearing and grading must be maintained by the Applicant during construction by the utility.

10.2.8. Contributions and Credits

The Applicant shall pay the required contribution upon receipt of written notification from the Company. No utility construction shall commence prior to execution of the Underground Distribution Facilities Installation Agreement set forth in Tariff Sheet Nos. 9.700, 9.701 and 9.702 and payment in full of the entire contribution. Where, by mutual agreement, the Applicant performs any of the work normally performed by the Company, the Applicant shall receive a credit for such work in accordance with the credit amounts contained herein, provided that the work is in accordance with Company specifications. The credit will be granted after the work has been inspected by the Company and, in the case of Applicant-installed conduit, after the applicable conductors have been installed.

(Continued on Sheet No. 6.095)

(Continued from Sheet No. 6.090)

10.2.8.1 Credit for TUGs

If the Applicant installs the permanent electric service entrance such that FPL's service lateral can be subsequently installed and utilized to provide that building's construction service, the Applicant shall receive a credit in the amount of \$39.10 per service lateral, subject to the following requirements:

- a) TUGs must be inspected and approved by the local inspecting authority.
- b) All service laterals within the subdivision must be installed as TUGs.
- c) FPL must be able to install the service lateral, energize the service lateral, and set the meter to energize the load side of the meter can, all in a single trip. Subsequent visits other than routine maintenance or meter readings will void the credit.
- d) Thereafter, acceptance and receipt of service by the Customer shall constitute certification that the Customer has met all inspection requirements, complied with all applicable codes and rules and, subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company – Governmental, FPL's General Rules and Regulations, the Customer releases, holds harmless and agrees to indemnify the Company from and against loss or liability in connection with the provision of electrical services to or through such Customer-owned electrical installations.
- e) The Applicant shall be held responsible for all electric service used until the account is established in the succeeding occupant's name.

This credit applies only when FPL installs the service - it does not apply when the developer installs the service conduits, or the service conduits and cable.

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 limits 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 paving, grass, landscaping or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching 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 \$4.80. Where an existing trench is utilized, the additional cost per trench foot is \$2.10. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is \$1.64. Any re-designation 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.

(Continued on Sheet No. 6.096)

(Continued from Sheet No. 6.095)

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:

	<u>Applicant's Contribution</u>
1. Where density is 6.0 or more dwelling units per acre:	
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$236.29
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$41.31
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	\$444.01
3. Where the density is less than 0.5 dwelling units per acre, or the Distribution System is of non-standard design, individual cost estimates will be used to determine the differential cost as specified in Paragraph 10.2.5.	

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

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

	<u>Applicant's Contribution</u>
Cost per foot of feeder trench within the subdivision (excluding switches)	\$11.56
Cost per switch package	\$20,365.35

(Continued on Sheet No. 6.110)

(Continued from Sheet No. 6.100)

- 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

1) Single Phase - per foot	\$1.70
2) Two Phase - per foot	\$3.46
3) Three Phase - per foot	\$5.10

- 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:	\$267.82
Density 6.0 or greater dwelling units per acre:	\$201.83

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.	\$95.29	\$79.37
1.2	Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$80.39	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	\$131.45	\$142.87

- 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.	\$40.49	\$27.37

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

<p>1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.</p>	<p>\$27.97</p>	<p>N/A</p>
<p>2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.</p>	<p>\$64.80</p>	<p>\$38.32</p>
<p>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, per foot of trench - \$2.27.</p>		
<p>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 - \$0.39; larger than 2" PVC - \$0.55.</p>		
<p>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 - \$575.55.</p>		
<p>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 - \$151.71.</p>		
<p>g) Credit will be allowed to the Applicant's contribution in section 10.3.2., where, by mutual agreement, the Applicant installs an FPL-provided secondary handhole, per FPL instructions, per handhole: 17" handhole - \$14.08; 24" or 30" handhole - \$39.88.</p>		
<p>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 or capacitor bank, per FPL instructions, per pad - \$23.46.</p>		
<p>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): \$0.08.</p>		
<p>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 - \$368.32.</p>		

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

10.4.1. New Underground Service Laterals

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

10.4.2. Contribution by Applicant

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

	<u>Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes	
a) per service lateral (includes service riser installation)	\$530.22
b) per service lateral (from existing handhole or PM TX)	\$267.82
2. For any density, the Company will provide a riser to a handhole at the base of a pole	\$524.06

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

10.4.3. Contribution Adjustments

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

	<u>Credit To Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes	
- per foot	\$2.27

(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	\$0.39
	Larger than 2" PVC	\$0.55

c) Credit will be allowed to the Applicant's contribution in Section 10.4.2, where by mutual agreement, the Applicant requests the underground service to be installed as a TUG (subject to the conditions specified in Section 10.2.8.1), per service lateral, as follows:

1. For any density:

Buildings that do not exceed four units, townhouses, and mobile homes	
-per service lateral:	\$39.10

**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:	<u>Applicant's Contribution</u>
1.	Where the Company provides an underground service lateral:	\$429.39
2.	Where the Company provides a riser to a handhole at the base of the pole:	\$590.72
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:	\$424.59
2.	Where the service is from an underground system:	\$377.00
c)	The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	\$362.72
d)	The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	\$100.33

**INSTALLATION OF UNDERGROUND ELECTRIC DISTRIBUTION FACILITIES
FOR NEW CONSTRUCTION**

SECTION 11.1 DEFINITIONS

APPLICANT - Any person, corporation, or entity capable of complying with the requirements of this tariff who has made a written request for underground electric distribution facilities in accordance with this tariff.

CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC) - The CIAC to be paid by an Applicant under this tariff section shall be determined according to the following formula:

$$\text{CIAC} = \text{UG} - \text{OH} + \text{ECIAC}$$

where, UG is the estimated cost to install underground electric distribution facilities for the proposed extension of facilities, OH is the estimated cost to install overhead electric distribution facilities for the proposed extension of facilities, and ECIAC is the CIAC that would otherwise be due, if any, for the extension of overhead distribution facilities.

DISTRIBUTION SYSTEM - Electric service facilities consisting of primary and secondary conductors, service drops, service laterals, conduits, transformers and necessary accessories and appurtenances for the furnishing of electric power at utilization voltage.

SECTION 11.2 GENERAL

11.2.1 Application

This tariff section applies to all requests for underground electric distribution facilities where the facilities requested will constitute new construction, other than those requests covered by sections 10, 12 and 13 of this tariff. Any person, corporation, or entity capable of complying with the requirements of this tariff may submit a request as follows. Requests shall be in writing and must specify in detail the proposed facilities that the Applicant desires to be installed as underground electric distribution facilities in lieu of overhead electric distribution facilities. Upon receipt of a written request FPL will determine the non-refundable deposit amount necessary to secure a binding cost estimate and notify the applicant of said amount. Where system integrity would be compromised by the delay of a system improvement due to the time allowances specified below, said time allowances shall be reduced such that all terms and conditions of this tariff must be met 30 days prior to the date that construction must begin to allow the underground facility to be completed and operable to avert a system compromise.

11.2.2 Contribution-in-Aid-Of-Construction (CIAC)

Upon the payment of a non-refundable deposit by an Applicant, FPL shall prepare a binding cost estimate specifying the contribution-in-aid-of-construction (CIAC) required for the installation of the requested underground distribution facilities in addition to any CIAC required for facilities extension, where the installation of such facilities is feasible, and provide said estimate to the Applicant upon completion of the estimate along with an Underground Distribution Facilities Installation Agreement. The CIAC may be subject to increase or refund if the project scope is enlarged or reduced at the request of the Applicant, or the CIAC is found to have a material error prior to the commencement of construction. The binding cost estimate provided to an Applicant shall be considered expired if the Applicant does not enter into an Underground Distribution Facilities Installation Agreement and pay the CIAC amount specified for the installation of the requested underground electric distribution facilities within 180 days of delivery of the binding cost estimate to the Applicant by FPL.

11.2.3 Non-Refundable Deposits

The non-refundable deposit for a binding cost estimate for a direct buried cable in conduit underground electric distribution system shall be determined by multiplying the number of proposed trench feet for new underground electric distribution facilities to be installed by \$0.75. The deposit must be paid to FPL to initiate the estimating process. The deposit will not be refundable, however, it will be applied in the calculation of the CIAC required for the installation of underground distribution facilities. The deposit and the preparation of a binding cost estimate are a prerequisite to the execution of an Underground Distribution Facilities Installation Agreement. If the request for underground electric distribution facilities involves less than 250 proposed trench feet then no deposit will be required for a binding cost estimate, provided, however, that all other requirements of this tariff shall still apply.

(Continued on Sheet No. 6.210)

(Continued from Sheet No. 6.200)

11.2.4 Non-Binding Cost Estimates

Any person, corporation, or entity may request a non-binding cost estimate free of charge. The non-binding cost estimate shall be an order of magnitude estimate to assist the requestor in determining whether to go forward with a binding cost estimate. An Underground Distribution Facilities Installation Agreement may not be executed on the basis of a non-binding cost estimate.

11.2.5 Underground Distribution Facilities Installation Agreement

Any Applicant seeking the installation of underground distribution facilities pursuant to a written request hereunder shall execute the Underground Distribution Facilities Installation Agreement set forth in this tariff at Sheet Nos. 9.700, 9.701 and 9.702. The Agreement must be executed and the CIAC paid by the Applicant within 180 days of the delivery of the binding cost estimate to the Applicant. Failure to execute the Agreement and pay the CIAC specified in the agreement within the 180 day time limit, or termination of the Agreement, shall result in the expiration of the binding cost estimate. Any subsequent request for underground facilities will require the payment of a new deposit and the presentation of a new binding cost estimate. For good cause FPL may extend the 180 day time limit. Upon execution of the Underground Distribution Facilities Installation Agreement, payment in full of the CIAC specified in the binding cost estimate, and compliance with the requirements of this tariff, FPL shall proceed to install the facilities identified in a timely manner.

11.2.6 Easements

Before the initiation of any project to provide underground electric distribution facilities pursuant to an Underground Distribution Facilities Installation Agreement, the Applicant shall provide to FPL and record, at no cost to FPL, all easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, specified as necessary by FPL to accommodate the requested underground facilities along with an opinion of title that the easements are valid. Failure to provide the easements in the manner set forth above within 180 days after delivery of the binding cost estimate to the Applicant shall result in the expiration of the binding cost estimate, the return of any CIAC paid, and the termination of any Underground Distribution Facilities Installation Agreement entered into between the Applicant and FPL. Before FPL will commence construction, those rights of way and easements, contained within the boundaries of a development for which the underground electric distribution facilities are to be installed for new service, shall be staked to show property corners and survey control points, graded to within six inches of final grade, with soil stabilized, and also staked to show the final grade along the easement.

11.2.7 Early Notification and Coordination

In order for FPL to provide service when requested, it is necessary that the Applicant notify FPL during the early stages of major project planning. In matters requiring new service extensions close coordination is necessary throughout the planning and construction stages by FPL, the architect, the builder, the subcontractors and the consulting engineer to avoid delays and additional expense. Particular attention must be given to the scheduling of the construction of paved areas and the various subgrade installations of the several utilities. Failure of the Applicant to provide such notification and coordination shall result in the Applicant being responsible for any additional costs incurred by FPL as a result of said failure.

11.2.8 Changes to Plans, Layout or Grade

The Applicant shall pay for any additional costs incurred by FPL due to changes in the development layout or final grade made by the Applicant subsequent to the development layout or final grade information supplied to FPL for the preparation of the binding cost estimate.

11.2.9 Location of Distribution Facilities

Underground distribution facilities will be located, as determined by FPL, to maximize their accessibility for maintenance and operation. Where construction is for the purpose of new service the Applicant shall provide accessible locations for meters when the design of a building or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.

11.2.10 Other Terms and Conditions

Through the execution of the Underground Distribution Facilities Installation Agreement found at Tariff Sheet Nos. 9.700, 9.701 and 9.702, the Applicant agrees to the following:

- a) The Applicant shall be responsible for all restoration of, repair of, or compensation for, property affected, damaged, or destroyed, to accommodate the installation of underground distribution facilities;

(Continued on Sheet No. 6.220)

(Continued from Sheet No. 6.210)

- (b) subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company – Governmental, FPL's General Rules and Regulations, the Applicant shall indemnify FPL from any claim, suit, or other proceeding, which seeks the restoration of, or repair of, or compensation for, property affected, damaged, or destroyed, to accommodate the installation of underground distribution facilities arising from or brought as a result of the installation of underground distribution facilities;
- (c) the Applicant shall clear easements provided to FPL of trees, tree stumps and other obstructions that conflict with construction or installation of underground distribution facilities in a timely manner consistent with FPL's construction schedule.

11.2.11 Type of System Provided

An underground distribution system will be provided in accordance with FPL's current design and construction standards.

11.2.12 Design and Ownership

FPL will design, install, own, and maintain the electric distribution facilities up to the designated point of delivery except as otherwise noted. Any payment made by the Applicant under these Rules will not convey to the Applicant any rights of ownership or right to specify FPL facilities utilized to provide service. The Applicant may, subject to a contractual agreement with FPL, construct and install all or a portion of the underground distribution facilities provided that:

- a) such work meets FPL's construction standards;
- b) FPL will own and maintain the completed distribution facilities;
- c) the construction and installation of underground distribution facilities by the Applicant is not expected to cause the general body of ratepayers to incur greater costs;
- d) the Applicant agrees to pay FPL's current applicable hourly rate for engineering personnel for all time spent reviewing and inspecting the Applicants work done; and
- e) the Applicant agrees to rectify any deficiencies found by FPL prior to the connection of any customers to the underground electric distribution system or the connection of the underground electric distribution facilities to FPL's distribution system. Furthermore, the deficiencies must be corrected in a timely manner or FPL shall perform the construction using overhead facilities and the Applicant will be responsible for paying the cost of installing the overhead facilities and the cost of their removal before the corrected underground facilities will be connected.

UNDERGROUND DISTRIBUTION FACILITIES INSTALLATION AGREEMENT

This Agreement, made this _____ day of _____, _____, by and between _____ (hereinafter called the Customer) and FLORIDA POWER & LIGHT COMPANY, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL).

WITNESSETH:

Whereas, the Customer has applied to FPL for underground distribution facilities to be installed on Customer's property known as _____ located in _____, Florida.
 (City/County)

That for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. The Customer shall pay FPL a Contribution in Aid of Construction of \$_____ (the Contribution) to cover the differential cost between an underground and an overhead system. This is based on the currently effective tariff filed with the Florida Public Service Commission by FPL and is more particularly described on Exhibit A attached hereto.
2. That a credit of \$_____ shall be provided to the Customer for trenching, backfilling, installation of Company provided conduit and other work, as also shown on Exhibit A, if applicable, and approved by FPL.
3. The contribution and credit are subject to adjustment when FPL's tariff is revised by the Florida Public Service Commission and the Customer has requested FPL to delay FPL's scheduled date of installation. Any additional costs caused by a Customer's change in the Customer's plans submitted to FPL on which the contribution was based shall be paid for by the Customer. The contribution does not include the cost of conversion of any existing overhead lines to underground or the relocation of any existing overhead or underground facilities to serve the property identified above.
4. That the Contribution provides for ___/___ volt, ___ phase (120/240 volt, single phase for URD Subdivisions) underground electrical service with facilities located on private property in easements as required by FPL. The contribution is based on employment of rapid production techniques and cooperation to eliminate conflicts with other utilities. Underground service, secondary, and primary conductors are to be of standard FPL design, in conduit, and with above-grade appurtenances.
5. That the payment of the Contribution does not waive any provisions of FPL's Electric Tariff.

If the property is subject to an underground ordinance, FPL shall notify the appropriate governmental agency that satisfactory arrangements have been made with the Customer as specified by FPL.

Title to and ownership of the facilities installed as a result of this agreement shall at all times remain the property of FPL.

6. That good and sufficient easements, including legal descriptions and survey work to produce such easements, and mortgage subordinations required by FPL for the installation and maintenance of its electric distribution facilities must be granted or obtained, and recorded, at no cost to FPL, prior to trenching, installation and/or construction of FPL facilities. FPL may require mortgage subordinations when the Customer's property, on which FPL will install its facilities, is mortgaged and (1) there are no provisions in the mortgage that the lien of the mortgage will be subordinate to utility easements, (2) FPL's easement has not been recorded prior to the recordation of the mortgage, (3) FPL's facilities are or will be used to serve other parcels of property, or (4) other circumstances exist which FPL determines would make such a subordination necessary.
 - a) The Customer shall furnish FPL a copy of the deed or other suitable document which contains a full legal description and exact name of the legal owner to be used when an easement is prepared, as required by FPL.
 - b) The Customer shall furnish drawings, satisfactory to FPL, showing the location of existing and proposed structures on the Customer's construction site, as required by FPL.

(Continued on Sheet No. 9.701)

(Continued from Sheet No. 9.700)

- c) Should for any reason, except for the sole error of FPL, FPL's facilities not be constructed within the easement, FPL may require the Customer to grant new easements and obtain any necessary mortgage subordinations to cover FPL's installed facilities, at no cost to FPL, and FPL will release the existing easement. Mortgage subordinations will be necessary in this context when 1) the Customer's property on which FPL will install its facilities is mortgaged, 2 there are no provisions in the mortgage for subordination of the lien of the mortgage to utility easements, or 3) FPL's facilities are or will be used to serve other parcels of property.
7. Before FPL can begin its engineering work on the underground electric distribution facilities, the Customer shall provide FPL with the following:
 - a) Paving, grading, and drainage plans showing all surface and sub-surface drainage satisfactory to FPL,
 - b) A construction schedule,
 - c) An estimate of when electric service will be required, and
 - d) Copies of the Customer's final construction plans as well as other construction drawings (plot, site, sewage, electrical, etc.) requested by FPL. Plats provided by the Customer must be either recorded by the circuit clerk or other recording officer or prepared and certified as meeting the requirements for recording (except approval by the governing body) by a registered land surveyor.
 8. Prior to FPL construction pursuant to this agreement, the Customer shall:
 - a) Clear the FPL easement on the Customer's property of tree stumps, all trees, and other obstructions that conflict with construction, including the drainage of all flooded areas. The Customer shall be responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. The easement shall be graded to within six inches of final grade with soil stabilized.
 - b) Provide property line and corner stakes, designated by a licensed surveyor, to establish a reference for locating the underground cable trench route in the easement and additional reference points when required by FPL. Also, the Customer shall provide stakes identifying the location, depth, size and type facility of all non-FPL underground facilities within or near the easement where FPL distribution facilities will be installed. The Customer shall maintain these stakes, and if any of these stakes are lost, destroyed or moved and FPL requires their use, the Customer shall replace the stakes at no cost to FPL, unless the stakes are lost, destroyed or moved by an agent, employee, contractor or subcontractor of FPL, in which case FPL will pay the Customer the cost of replacing the stakes.
 - c) It is further understood and agreed that subsequent relocation or repair of the FPL system, once installed, will be paid by the Customer if said relocation or repair is a result of a change in the grading by the Customer or any of the Customer's contractors or subcontractors from the time the underground facilities were installed; and, that subsequent repair to FPL's system, once installed, will be paid by the Customer if said repair is a result of damage caused by the Customer or any of the Customer's contractors or subcontractors.
 - d) Provide sufficient and timely advance notice (_____ days) as required by FPL, for FPL to install its underground distribution facilities prior to the installation of paving, landscaping, sodding, sprinkler systems, or other surface obstructions. In the absence of sufficient coordination, as determined by FPL, by the Customer, all additional costs for trenching and backfilling shall be paid by the Customer, and none of the costs of restoring paving, landscaping, grass, sprinkler systems and all other surface obstructions to their original condition, should they be installed prior to FPL's facilities, shall be borne by FPL.

(Continued on Sheet No. 9.702)

(Continued from Sheet No. 9.701)

- e) Pay for all additional costs incurred by FPL which may include, but are not limited to, engineering design, administration and relocation expenses, due to changes made subsequent to this agreement on the subdivision development layout or grade.
- f) Provide applicable trenching, backfilling, installation of Company provided conduit and other work in accordance with FPL specifications more particularly described on Exhibit B attached hereto. At the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
- g) Provide a meter enclosure, downpipe and ell which meet all applicable codes and FPL specifications and which will accommodate FPL's service cable size and design. These items must be confirmed with FPL prior to purchase. FPL will not be responsible for costs involved in modifying or replacing items which do not meet the above criteria.

9. FPL shall:

- a) Provide the Customer with a plan showing the location of all FPL underground facilities, point of delivery, and transformer locations and specifications required by FPL and to be adhered to by the Customer.
- b) Install, own, and maintain the electric distribution facilities up to the designated point of delivery except when otherwise noted.
- c) Request the Customer to participate in a pre-construction conference with the Customer's contractors, the FPL representatives and other utilities within six (6) weeks of the start of construction. At the pre-construction conference, FPL shall provide the Customer with an estimate of the date when service may be provided.

10. This Agreement is subject to FPL's Electric Tariff, including but not limited to the General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission, as they are now written, or as they may be revised, amended or supplemented.

11. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the Customer and FPL.

The Customer and FPL will coordinate closely in fulfilling obligations in order to avoid delays in providing permanent electric service at the time of the Customer's receipt of a certificate of occupancy.

Accepted:

Accepted:

For FPL (Date)

Customer (Date)

Witness (Date)

Witness (Date)

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

Appendix 2

Explanation of Revisions

APPENDIX NO. 2
FPL 2005
Explanation of Proposed Revisions

This Appendix summarizes proposed revisions to the Rules and Regulations included in Section 10 (and applicable forms) 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 Third Revised Sheet No. 6.085 section 10.1 has been modified to add the definition of TUG.

The Seventeenth Revised Sheet No. 6.090 section 10.2.7 has been modified to specify that the customer is responsible for recording any required easements. In addition, section 10.2.8 has been modified to include the Underground Distribution Facilities Installation Agreement (in accordance with Florida Administrative Code 25-6.078(8)), and to expand the scope of work for which a customer can receive credit.

The Twentieth Revised Sheet No. 6.095 has been modified to add section 10.2.8.1 regarding the credit a customer will receive if the TUG option is selected. In addition, sections 10.2.12, 10.2.13, and 10.2.14 have been moved to Original Sheet No. 6.096 due to space limitations on Sheet No. 6.095.

Original Sheet No. 6.096 has been created for sections 10.2.12, 10.2.13, and 10.2.14 moved from Sheet No. 6.095 as stated above.

The Twenty-Ninth Revised Sheet No. 6.100 has been modified to move section 10.3.2.c to Sheet No. 6.110 due to space limitations on Sheet No. 6.100.

The Twenty-Ninth Revised Sheet No. 6.110 section 10.3.2.c (previously found on Sheet 6.100) has been modified from a single charge per foot of excess primary lateral trench in the subdivision, to individual charges per phase per foot of excess primary lateral trench. This methodology more accurately reflects the actual costs incurred for this installation. In addition, sections 10.3.3.b.1.2 and 10.3.3.b.2 have been moved to Sheet 6.115 due to space limitations on Sheet No. 6.110.

The Twenty-Ninth Revised Sheet No. 6.120 has been modified to include section 10.4.2.a.1.b for reduced cost underground service from overhead systems when there is an existing underground source (such as a previously installed handhole or padmounted transformer).

The Fifteenth Revised Sheet No. 6.125 has been modified to add section 10.4.3.c providing a credit when the customer requests the underground service to be installed as a TUG subject to the conditions specified in section 10.2.8.1.

The Ninth Revised Sheet No. 9.700 has been modified throughout to accommodate credits for work beyond just trench and conduit installation. Section 6 has had the requirement for the Applicant to record any easements obtained added to the Tariff language.

The Seventh Revised Sheet No. 9.701 Section 6c has been modified to specify that easements and mortgage subordinations are obtained at no cost to FPL when an existing easement is released.

The Seventh Revised Sheet No. 9.702 section 8f has been modified to accommodate customer performed work beyond just trench and conduit and establishes remedies for correcting deficiencies in the Applicant's installation. Section 11 has been added making the Agreement binding on all successors and assigns.

The Third Revised Sheet No. 9.725, and Fourth Revised Sheet No. 9.726 have been deleted and are now reserved for future use. It is intended that the function of the Conduit Installation Agreement be served through the Underground Distribution Facilities Installation Agreement (Tariff Sheet Nos. 9.700 through 9.702) and its attachments.

Appendix 3

2005 Basis

APPENDIX NO. 3

FPL - 2005

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 2004. 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.... | \$444.01 |
| 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..... | \$236.29 |
| 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..... | \$41.31 |

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 \$262.39 per service lateral.

Service lateral cost.....	\$267.83
Pole-conduit cost.....	\$262.39
Total cost.....	<u>\$530.22</u>
Round To.....	\$530.22

A URD riser to a handhole at the base of the pole had a differential cost of \$524.05

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.....	\$530.22	\$0.00
Riser to handhole cost.....	\$0.00	\$524.05
Less trenching credit.....	(\$142.87)	\$0.00
Less conduit installation credit.....	(\$24.63)	\$0.00
Remaining value of existing service.....	\$36.51	\$36.51
Removal cost of existing service.....	\$30.16	\$30.16
Salvage.....	<u>\$0.00</u>	<u>\$0.00</u>
Total cost.....	\$429.39	\$590.72
Round To.....	\$429.39	\$590.72

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

	<u>OH Source</u>	<u>UG Source</u>
UG service lateral cost.....	\$267.83	\$267.83
Handhole for connection to existing riser X .25.....	\$47.59	\$0.00
Less trenching credit.....	(\$142.87)	(\$142.87)
Less conduit credit.....	(\$24.63)	(\$24.63)
Remaining value of existing service.....	\$266.73	\$266.73
Removal cost of existing service.....	\$9.94	\$9.94
Salvage.....	<u>\$0.00</u>	<u>\$0.00</u>
Total Cost.....	\$424.59	\$377.00
Round To.....	\$424.59	\$377.00

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

UG service lateral cost.....	\$267.83
Pole-conduit cost.....	\$262.39
Less trenching credit.....	(\$142.87)
Less conduit installation credit.....	<u>(\$24.63)</u>
TOTAL.....	\$362.72
Round To.....	\$362.72

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

UG service lateral cost.....	\$267.83
Less trenching credit.....	(\$142.87)
Less conduit installation credit.....	<u>(\$24.63)</u>
TOTAL.....	\$100.33
Round To.....	\$100.33

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, 2004 served by FPL are as follows:

Underground	2,814,786
Overhead	1,743,953
Total*	4,558,739

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

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

Low Density

COMPANY: FPL

DATE: 02/26/05

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

Low Density 210 Lot Subdivision
Cost per Service Lateral

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$624.78	\$920.47	\$295.69
MATERIAL	\$535.92	\$684.24	\$148.32
TOTAL	\$1,160.70	\$1,604.71	\$444.01

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$80.20	\$96.67	\$176.87
Primary	\$35.24	\$83.70	\$118.94
Secondary	\$52.42	\$94.99	\$147.41
Initial Tree Trim	-----	-----	-----
Poles	\$129.90	\$206.40	\$336.30
Transformers	\$127.17	\$43.80	\$170.97
Sub-Total	\$424.93	\$525.56	\$950.49
Wires Handling(3)	\$25.88	-----	\$25.88
SubTotal	\$450.81	\$525.56	\$976.37
Engineering(5)	\$85.11	\$99.22	\$184.33
TOTAL	\$535.92	\$624.78	\$1,160.70

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

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

5 - 18.879 % of All Material and Labor.

COST PER SERVICE LATERAL UNDERGROUND MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$121.18	\$204.33	\$325.51
Primary	\$198.98	\$180.49	\$379.47
Secondary	\$85.94	\$54.02	\$139.96
Transformers	\$136.44	\$10.88	\$147.32
Prim. & Sec. Trenching	-----	\$171.97	\$171.97
Service Trenching	-----	\$152.60	\$152.60
Sub-Total	\$542.54	\$774.29	\$1,316.83
Stores Handling(3)	\$33.04	-----	\$33.04
SubTotal	\$575.58	\$774.29	\$1,349.87
Engineering(5)	\$108.66	\$146.18	\$254.84
TOTAL	\$684.24	\$920.47	\$1,604.71

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

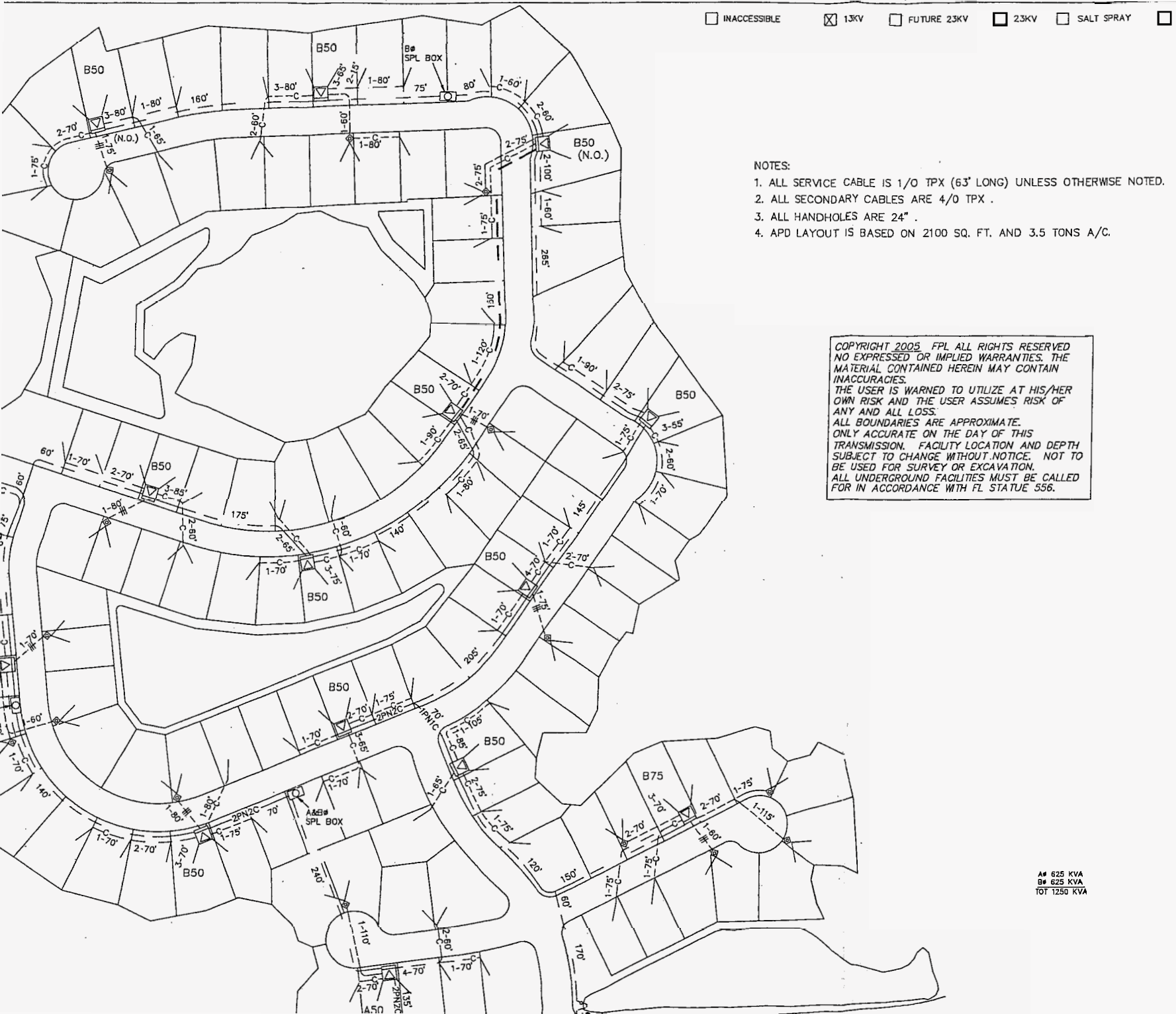
4 - Includes Payroll, Taxes, Insurance, P&W, & Transportation.

5 - 18.879 % of All Material and Labor.

- INACCESSIBLE
- 13KV
- FUTURE 23KV
- 23KV
- SALT SPRAY
- NULL

ALL SERVICES ARE 1/0 TPX
 ALL SECONDARY 1/0 TPX UNLESS OTHERWISE NOTED
 ALL SERVICE PALES 30'/6"
 ALL LINE POLES 40'/5" UNLESS OTHERWISE NOTED.
 FRAME 24 PR. SM TO E-5, 5.0.0 WITH 84 ON POLE TOP BRACKET UNLESS OTHERWISE NOTED.
 FRAME 19 PR. SM TO E-5, 5.1.0. FIG. 1 UNLESS OTHERWISE NOTED.
 FRAME ALL TX'S ON 19 PR. SM TO I-41.0.0.
 FRAME 24 PR. SM TO E-5, 5.0.0 WITH 84 ON POLE TOP BRACKET UNLESS OTHERWISE NOTED.
 FRAME 19 PR. SM TO E-5, 5.1.0. FIG. 1 UNLESS OTHERWISE NOTED.
 FRAME ALL TX'S ON 24 PR. SM TO I-41.0.1. FIG. 1 UNLESS OTHERWISE NOTED.





- NOTES:
1. ALL SERVICE CABLE IS 1/0 TPX (63' LONG) UNLESS OTHERWISE NOTED.
 2. ALL SECONDARY CABLES ARE 4/0 TPX .
 3. ALL HANDHOLES ARE 24" .
 4. APD LAYOUT IS BASED ON 2100 SQ. FT. AND 3.5 TONS A/C.

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 NO EXPRESSED OR IMPLIED WARRANTIES. THE
 MATERIAL CONTAINED HEREIN MAY CONTAIN
 INACCURACIES.
 THE USER IS WARNED TO UTILIZE AT HIS/HER
 OWN RISK AND THE USER ASSUMES RISK OF
 ANY AND ALL LOSS.
 ALL BOUNDARIES ARE APPROXIMATE.
 ONLY ACCURATE ON THE DAY OF THIS
 TRANSMISSION. FACILITY LOCATION AND DEPTH
 SUBJECT TO CHANGE WITHOUT NOTICE. NOT TO
 BE USED FOR SURVEY OR EXCAVATION.
 ALL UNDERGROUND FACILITIES MUST BE CALLED
 FOR IN ACCORDANCE WITH FL STATUE 556.

A# 625 KVA
 B# 625 KVA
 TOT 1250 KVA

COMPANY: FPL

DATE: 02/26/05

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

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

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$389.90	\$526.30	\$136.40
MATERIAL	\$346.38	\$446.27	\$99.89
TOTAL	\$736.28	\$972.57	\$236.29

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABORHigh Density 176 Lot Subdivision
Company Owned Service Laterals

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$66.80	\$86.77	\$153.57
Primary	\$9.41	\$32.21	\$41.62
Secondary	\$64.47	\$74.96	\$139.43
Initial Tree Trim	-----	-----	-----
Poles	\$74.63	\$118.22	\$192.85
Transformers	\$59.33	\$15.82	\$75.15
Sub-Total	\$274.64	\$327.98	\$602.62
Stores Handling(3)	\$16.73	-----	\$16.73
SubTotal	\$291.37	\$327.98	\$619.35
Engineering(5)	\$55.01	\$61.92	\$116.93
TOTAL	\$346.38	\$389.90	\$736.28

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

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

5 - 18.879 % of All Material and Labor.

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)	\$127.96	\$87.16	\$215.12
Primary	\$105.13	\$120.49	\$225.62
Secondary	\$35.48	\$39.98	\$75.46
Transformers	\$85.28	\$6.49	\$91.77
Prim. & Sec. Trenching	-----	\$86.74	\$86.74
Service Trenching	-----	\$101.86	\$101.86
Sub-Total	\$353.85	\$442.72	\$796.57
Stores Handling(3)	\$21.55	-----	\$21.55
SubTotal	\$375.40	\$442.72	\$818.12
Engineering(5)	\$70.87	\$83.58	\$154.45
TOTAL	\$446.27	\$526.30	\$972.57

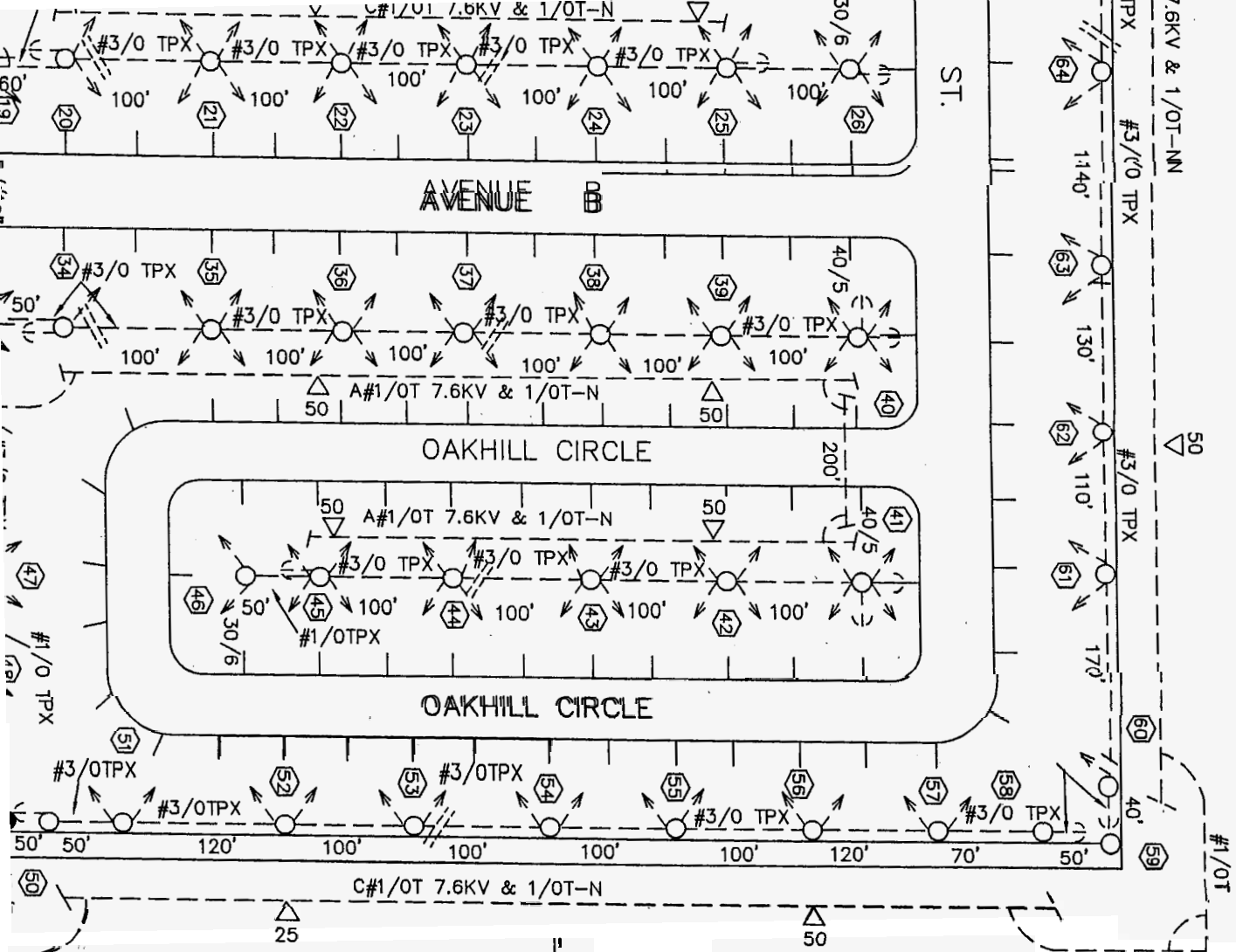
1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

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

5 - 18.879 % of All Material and Labor.



- NOTES
1. ALL SERVICES ARE #1/0 TPN. 45' LONG
 2. ALL GUYS ARE 5/16", 8" SCR, 20' LD
 3. ALL POLES ARE 35'/5 UNLESS NOTED OTHERWISE.

AØ = 275 KVA
 BØ = 300 KVA

- INACCESSIBLE
- 1KV
- FUTURE 23KV
- 23KV
- SALT SPRAY
- NULL

2005 OH HIGH DENSITY I *

NUMBER OF LOTS =	2002 176	2005 176
MECA STORES LDG % =	6.16%	6.24%
ACTUAL STORES LDG % =	6.82%	6.09%
ACTUAL EO =	20.24%	18.88%
ADJUSTED CO =	7.22%	6.81%

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 2002	MATERIAL W/O CO 2005	MATERIAL COST/LOT WITH CO 2002	MATERIAL COST/LOT WITH CO 2005	LABOR W/O CO 2002	LABOR W/O CO 2005	LABOR COST/LOT WITH CO 2002	LABOR COST/LOT WITH CO 2005	TOTAL LABOR & MATERIAL 2002	TOTAL LABOR & MATERIAL 2005
SERVICE	369.101	\$4,788.46	\$5,449.60			\$3,197.62	\$3,839.80				
SERVICE	369.100	\$1,130.74	\$1,467.78			\$6,367.00	\$7,635.89				
MTR.INST.(LAB)	586.380					\$2,368.61	\$2,823.39				
MTR.COST(MAT)		\$4,667.52	\$4,496.80	\$26.52	\$25.55						
SERVICE SUBT	W/O STORES LDG	\$10,243.25	\$11,007.89	\$62.40	\$66.80	\$11,933.23	\$14,299.08	\$72.69	\$86.77	\$135.09	\$153.57
PRIMARY	365.002	\$2,978.63	\$1,647.75			\$4,011.71	\$5,307.98				
PRIMARY	365.999	\$712.24	\$0.00			\$1,983.76	\$0.00				
PRIMARY SUBT	W/O STORES LDG	\$3,476.70	\$1,550.97	\$21.18	\$9.41	\$5,995.47	\$5,307.98	\$36.52	\$32.21	\$57.70	\$41.62
SECONDARY	365.040	\$2,057.84	\$1,647.75			\$4,644.13	\$5,189.59				
SECONDARY	365.091	\$6,069.35	\$9,639.39			\$3,999.41	\$7,162.59				
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	\$712.25	\$0.00			\$1,983.77	\$0.00				
SECONDARY SUBT	W/O STORES LDG	\$8,326.53	\$10,624.19	\$50.72	\$64.47	\$10,627.31	\$12,352.18	\$64.74	\$74.96	\$115.46	\$139.43
TREE TRIM(L)											
POLES	364.130	\$643.98	\$912.51			\$1,372.68	\$2,222.72				
POLES	364.135	\$8,850.73	\$12,152.04			\$11,814.87	\$17,257.43				
POLES	364.140	\$1,848.38	\$0.00			\$2,419.60	\$0.00				
POLES	364.999	\$261.88	\$0.00			\$456.17	\$0.00				
POLE SUBT W/O	STORES LDG	\$10,931.58	\$12,297.20	\$66.59	\$74.63	\$16,063.32	\$19,480.15	\$97.85	\$118.22	\$164.44	\$192.85
TRANSFORMER	583.28	\$0.00	\$0.00			\$2,513.98	\$2,606.84				
TRANSFORMER	583.18	\$14.19	\$0.00			\$139.38	\$0.00				
TRANSFORMER	368	\$10,090.00	\$9,776.13								
TRANSFORMER	SUBTOTAL	\$10,103.37	\$9,776.13	\$61.55	\$59.33	\$2,653.36	\$2,606.84	\$16.16	\$15.82	\$77.71	\$75.15
SUB-TOTAL		\$43,081.43	\$45,256.38	\$262.44	\$274.64	\$47,272.69	\$54,046.23	\$287.96	\$327.98	\$550.40	\$602.62
MATSUB-MTR.(M)				\$235.92	\$249.09						
STORES LDG. %				6.82%	6.09%						
METER STORES LDG %				6.82%	6.09%						
TOTAL STORES LDG				\$17.90	\$16.73					\$17.90	\$16.73
SUBTOTAL				\$280.34	\$291.37			\$287.96	\$327.98	\$568.30	\$619.35
EO				\$56.75	\$55.01			\$58.29	\$61.92	\$115.04	\$116.93
TOTAL				\$337.09	\$346.38			\$346.25	\$389.90	\$683.34	\$736.28

2005 UG HIGH CITY LAYOUT

NUMBER OF LOTS =	2002 176	2005 176
MECA STORES LDG % =	6.16%	6.24%
ACTUAL STORES LDG % =	6.82%	6.09%
ACTUAL EO =	20.24%	18.88%
ADJUSTED CO =	7.22%	6.81%

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 2002	MATERIAL W/O CO 2005	MATERIAL COST/LOT WITH CO 2002	MATERIAL COST/LOT WITH CO 2005	LABOR W/O CO 2002	LABOR W/O CO 2005	LABOR COST/LOT WITH CO 2002	LABOR COST/LOT WITH CO 2005	TOTAL LABOR & MATERIAL 2002	TOTAL LABOR & MATERIAL 2005
SERVICE	369.603	\$20,230.18	\$17,493.67			\$32,270.67	\$28,323.46				
SERVICE	594.780	\$0.00	\$130.95				\$0.00				
SERVICE	369.600	\$0.00	\$0.00			\$3,231.36	\$0.00				
MTR.INST.(L)	586.380					\$2,368.96	\$2,823.39				
MTR.COST(M)		\$4,667.52	\$4,496.80	\$26.52	\$25.55						
SERVICE TRENCH						(\$16,123.76)	(\$16,784.85)				
SERVICE SUBT	W/O STORES LDG	\$23,723.83	\$21,086.24	\$144.52	\$127.96	\$21,747.23	\$14,362.00	\$132.48	\$87.16	\$277.00	\$215.12
PRIMARY	366.201	\$2,866.09	\$10,089.29			\$8,391.59	\$26,745.11				
PRIMARY	366.202	\$2,176.98	\$0.00			\$4,820.17	\$0.00				
PRIMARY	366.203	\$457.38	\$0.00			\$1,021.20	\$0.00				
PRIMARY	593.180	\$0.00	\$525.60			\$0.00	\$814.96				
PRIMARY	365.999	\$233.28	\$0.00			\$212.64	\$0.00				
PRIMARY	367.201	\$7,883.15	\$7,789.60			\$6,865.24	\$6,588.59				
PRIMARY	364.999	\$39.69	\$0.00			\$0.00	\$0.00				
PRI/SEC TRENCH						(\$10,025.77)	(\$14,294.18)				
PRIMARY SUBT	W/O STORES LDG	\$12,864.14	\$17,323.50	\$78.37	\$105.13	\$11,285.07	\$19,854.48	\$68.75	\$120.49	\$147.12	\$225.62
SECONDARY	367.122	\$5,526.77	\$6,210.63			\$2,378.82	\$6,588.59				
SECONDARY SUBT	W/O STORES LDG	\$5,206.08	\$5,845.85	\$31.71	\$35.48	\$2,378.82	\$6,588.59	\$14.49	\$39.98	\$46.20	\$75.46
TRANSFORMER	583.280	\$0.00	\$0.00			\$478.44	\$591.12				
TRANSFORMER	366.801	\$947.96	\$986.88			\$493.68	\$478.56				
TRANSFORMER	PLANT(MAT) 368	\$11,853.00	\$13,123.48								
TRANSFORMER	SUBTOTAL	\$12,745.95	\$14,052.40	\$77.65	\$85.28	\$972.12	\$1,069.68	\$5.92	\$6.49	\$83.57	\$91.77
PRI/SEC TRENCH						\$10,025.77	\$14,294.18	\$61.07	\$86.74	\$61.07	\$86.74
SVC TRENCH						\$16,123.76	\$16,784.85	\$98.22	\$101.86	\$98.22	\$101.86
SUB-TOTAL		\$54,540.00	\$58,307.99	\$332.25	\$353.85	\$62,532.77	\$72,953.78	\$380.93	\$442.72	\$713.18	\$796.57
MATSUB-MTR.(M)				\$305.73	\$328.30						
STORES LDG. %				6.82%	6.09%						
METER STORES LDG %				6.82%	6.09%						
TOTAL STORES LDG				\$22.66	\$21.55					\$22.66	\$21.55
SUBTOTAL				\$354.91	\$375.40			\$380.93	\$442.72	\$735.84	\$818.12
EO				\$71.85	\$70.87			\$77.12	\$83.58	\$148.97	\$154.45
TOTAL				\$426.76	\$446.27			\$458.05	\$526.30	\$884.81	\$972.57

Meter Pedestal

COMPANY: FPL

DATE: 02/26/05

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	\$322.53	\$317.25	(\$5.28)
MATERIAL	\$297.92	\$344.51	\$46.59
TOTAL	\$620.45	\$661.76	\$41.31

COST PER DWELLING UNIT OVERHEAD MATERIAL AND LABOR

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

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$33.81	\$35.60	\$69.41
Primary	\$9.40	\$31.62	\$41.02
Secondary	\$63.00	\$72.73	\$135.73
Initial Tree Trim	-----	-----	-----
Poles	\$71.69	\$115.54	\$187.23
Transformers	\$58.32	\$15.82	\$74.14
Sub-Total	\$236.22	\$271.31	\$507.53
Stores Handling(3)	\$14.39	-----	\$14.39
SubTotal	\$250.61	\$271.31	\$521.92
Engineering(5)	\$47.31	\$51.22	\$98.53
TOTAL	\$297.92	\$322.53	\$620.45

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

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

5 - 18.879 % of All Material and Labor.

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)	\$27.29	\$17.13	\$44.42
Primary	\$102.85	\$107.28	\$210.13
Secondary	\$68.51	\$51.19	\$119.70
Transformers	\$74.51	\$5.41	\$79.92
Prim. & Sec. Trenching	-----	\$85.86	\$85.86
Service Trenching	-----	-----	-----
Sub-Total	\$273.16	\$266.87	\$540.03
Stores Handling(3)	\$16.64	-----	\$16.64
SubTotal	\$289.80	\$266.87	\$556.67
Engineering(5)	\$54.71	\$50.38	\$105.09
TOTAL	\$344.51	\$317.25	\$661.76

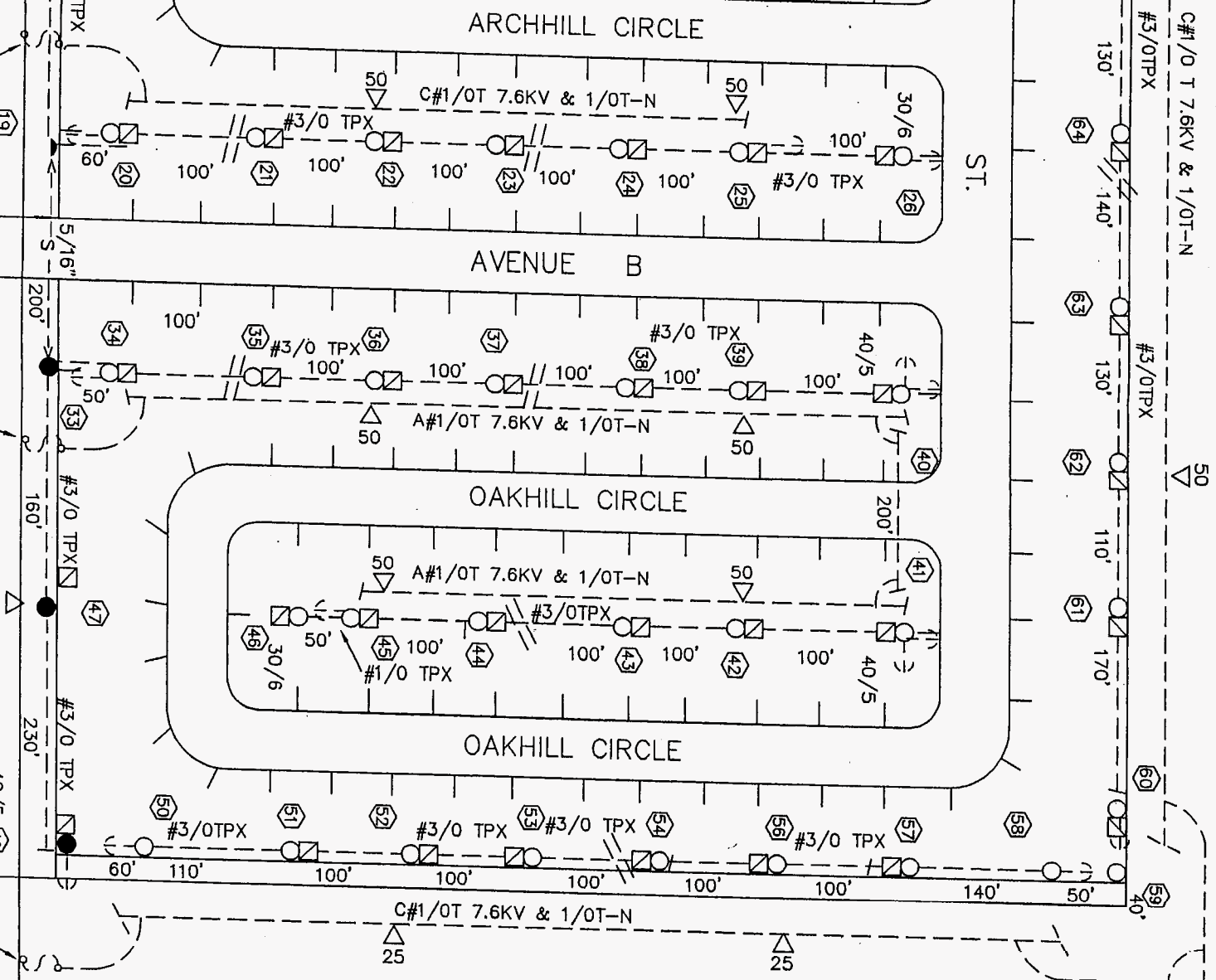
1 - Includes Sales Tax.

2 - Includes Meters.

3 - 6.09 % of All Material.

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

5 - 18.879 % of All Material and Labor.



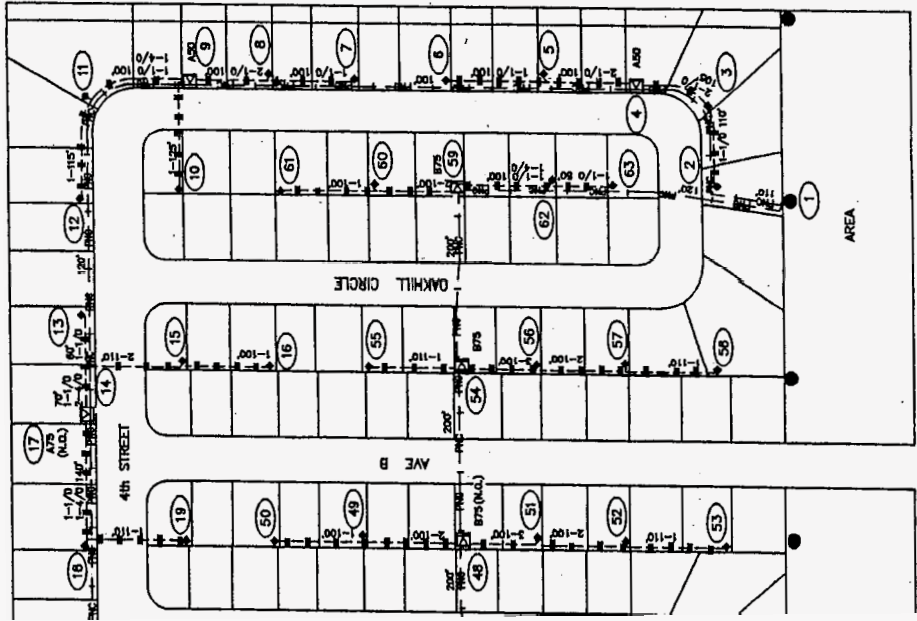
- INACCESSIBLE
- 13KV
- FUTURE 23KV
- 23KV
- SALT SPRAY
- NULL

NOTES

1. MECA LOCATIONS 48 & 59 HAVE BEEN DELETED
2. ALL GUYS ARE 5/16", 8" SCR, 20' LD
3. ALL SVC'S TO CUST. METER PEDESTALS ARE #1/0 TPIX, 16' LONG
4. ALL POLES ARE 35'/5 UNLESS NOTED OTHERWISE.

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

INACCESSIBLE
 13KV
 FUTURE 23KV
 23KV
 SALT SPRAY
 NULL



NOTES:
1. ALL SECONDARY IS 4/0 UNLESS NOTED.
2. ALL HH'S ARE 24" WITH 3 PORT (23VCS) 5 PORT (3-4 SVCS) MULTITAPS.

AA 300 KVA
BB 375 KVA
TOT 675 KVA

2005 OH METRICAL LAYOUT

NUMBER OF LOTS =	2002 176	2005 176
MECA STORES LDG % =	6.16%	6.24%
ACTUAL STORES LDG % =	6.82%	6.09%
ACTUAL EO =	20.24%	18.88%
ADJUSTED CO =	7.22%	6.81%

CLASSIFICATION	ACCOUNT	MATERIAL	MATERIAL	MATERIAL	MATERIAL	LABOR	LABOR	LABOR	LABOR	TOTAL	TOTAL
		W/O CO 2002	W/O CO 2005	COST/LOT WITH CO 2002	COST/LOT WITH CO 2005						
SERVICE	369.101	\$570.71	\$649.59			\$381.14	\$458.58				
SERVICE	369.100	\$381.11	\$492.75			\$2,152.12	\$2,584.23				
MTR.INST.(LAB)	586.380					\$2,368.61	\$2,823.39				
MTR.COST(MAT)		\$4,667.52	\$4,496.80	\$26.52	\$25.55						
SERVICE SUBT	W/O STORES LDG	\$5,564.11	\$5,572.04	\$33.90	\$33.81	\$4,901.87	\$5,866.20	\$29.86	\$35.60	\$63.76	\$69.41
PRIMARY	365.002	\$2,962.07	\$1,645.77			\$3,992.15	\$5,209.72				
PRIMARY	365.999	\$678.20	\$0.00			\$1,905.37	\$0.00				
PRIMARY SUBT	W/O STORES LDG	\$3,429.04	\$1,549.11	\$20.89	\$9.40	\$5,897.52	\$5,209.72	\$35.93	\$31.62	\$56.82	\$41.02
SECONDARY	365.040	\$1,908.30	\$1,645.77			\$4,222.00	\$5,123.98				
SECONDARY	365.091	\$6,096.00	\$9,382.86			\$3,924.01	\$6,861.62				
SECONDARY	365.095	\$0.00	\$0.00			\$0.00	\$0.00				
SECONDARY	365.999	\$678.20	\$0.00			\$1,905.38	\$0.00				
SECONDARY SUBT	W/O STORES LDG	\$8,178.69	\$10,380.86	\$49.82	\$63.00	\$10,051.39	\$11,985.60	\$61.23	\$72.73	\$111.05	\$135.73
TREE TRIM(L)											
POLES	364.130	\$648.77	\$917.55			\$1,388.82	\$2,252.21				
	364.135	\$8,719.35	\$11,633.76			\$11,645.98	\$16,786.79				
	364.140	\$1,570.64	\$0.00			\$2,225.82	\$0.00				
	364.999	\$264.99	\$0.00			\$437.33	\$0.00				
POLE SUBT W/O	STORES LDG	\$10,553.65	\$11,814.11	\$64.29	\$71.69	\$15,697.95	\$19,039.00	\$95.63	\$115.54	\$159.92	\$187.23
TRANSFORMER	583.28	\$0.00	\$0.00			\$2,513.98	\$2,606.84				
TRANSFORMER	583.18	\$14.19	\$0.00			\$139.38	\$0.00				
TRANSFORMER	PLANT(MAT) 368	\$9,892.00	\$9,611.02								
TRANSFORMER	SUBTOTAL	\$9,907.06	\$9,611.02	\$60.35	\$58.32	\$2,653.36	\$2,606.84	\$16.16	\$15.82	\$76.51	\$74.14
SUB-TOTAL		\$37,632.55	\$38,927.14	\$229.25	\$236.22	\$39,202.09	\$44,707.36	\$238.81	\$271.31	\$468.06	\$507.53
MATSUB-MTR.(M)				\$202.73	\$210.67						
STORES LDG. %				6.82%	6.09%						
METER STORES LDG %				6.82%	6.09%						
TOTAL STORES LDG				\$15.63	\$14.39					\$15.63	\$14.39
SUBTOTAL				\$244.88	\$250.61			\$238.81	\$271.31	\$483.69	\$521.92
EO				\$49.57	\$47.31			\$48.34	\$51.22	\$97.91	\$98.53
TOTAL				\$294.45	\$297.92			\$287.15	\$322.53	\$581.60	\$620.45

2005 UG METER TRENCH LAYOUT

	2002	2005
NUMBER OF LOTS =	176	176
MECA STORES LDG % =	6.16%	6.24%
ACTUAL STORES LDG% =	6.82%	6.09%
ACTUAL EO =	20.24%	18.88%
ADJUSTED CO =	7.22%	6.81%

CLASSIFICATION	ACCOUNT	MATERIAL	MATERIAL	MATERIAL	MATERIAL	LABOR	LABOR	LABOR	LABOR	TOTAL	TOTAL
		W/O CO	W/O CO	COST/LOT	COST/LOT	W/O CO	W/O CO	COST/LOT	COST/LOT	LABOR &	LABOR &
		2002	2005	WITH CO	WITH CO	2002	2005	2002	2005	2002	2005
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					\$2,368.96	\$2,823.39				
MTR.COST(MAT)		\$4,667.52	\$4,496.80	\$26.52	\$25.55						
SERVICE TRENCH						\$0.00	\$0.00				
SERVICE SUBT	W/O STORES LDG	\$4,667.52	\$4,496.80	\$28.43	\$27.29	\$2,368.96	\$2,823.39	\$14.43	\$17.13	\$42.86	\$44.42
PRIMARY	366.201	\$2,958.21	\$10,441.82			\$6,402.23	\$22,850.91				
PRIMARY	366.202	\$2,526.79	\$0.00			\$4,615.65	\$0.00				
PRIMARY	366.203	\$2,406.52	\$0.00			\$4,599.71	\$0.00				
PRIMARY	366.204	\$934.08	\$0.00			\$1,834.89	\$0.00				
PRIMARY	366.205	\$126.44	\$0.00			\$225.73	\$0.00				
PRIMARY	365.999	\$232.89	\$0.00			\$212.62	\$0.00				
PRIMARY	367.201	\$7,149.34	\$7,077.45			\$7,234.46	\$8,435.38				
PRIMARY	364.999	\$65.76	\$0.00			\$49.80	\$0.00				
PRIMARY	593.180		\$486.48				\$540.64				
PRI/SEC TRENCH						(\$11,436.50)	(\$14,148.73)				
PRIMARY SUBT	W/O STORES LDG	\$15,448.41	\$16,948.18	\$94.11	\$102.85	\$13,738.59	\$17,678.20	\$83.69	\$107.28	\$177.80	\$210.13
SECONDARY	367.122	\$10,161.45	\$11,993.76			\$5,437.81	\$8,435.38				
SECONDARY SUBT	W/O STORES LDG	\$9,571.83	\$11,289.31	\$58.31	\$68.51	\$5,437.81	\$8,435.38	\$33.13	\$51.19	\$91.44	\$119.70
TRANSFORMER	583.280	\$0.00	\$0.00			\$398.70	\$492.60				
TRANSFORMER	366.801	\$789.43	\$822.40			\$411.40	\$398.80				
TRANSFORMER	PLANT(M)	\$10,144.00	\$11,504.09								
TRANSFORMER	SUBTOTAL	\$10,887.62	\$12,278.19	\$66.33	\$74.51	\$810.10	\$891.40	\$4.93	\$5.41	\$71.26	\$79.92
PRI/SEC TRENCH						\$11,436.50	\$14,148.73	\$69.67	\$85.86	\$69.67	\$85.86
SVC TRENCH						\$0.00	\$0.00	\$0.00	\$0.00		
SUB-TOTAL		\$40,575.38	\$45,012.48	\$247.18	\$273.16	\$33,791.96	\$43,977.10	\$205.85	\$266.87	\$453.03	\$540.03
MATSUB-MTR.(M)				\$220.66	\$247.61						
STORES LDG. %				6.82%	6.09%						
METER STORES LDG %				6.82%	6.09%						
TOTAL STORES LDG				\$16.86	\$16.64					\$16.86	\$16.64
SUBTOTAL				\$264.04	\$289.80			\$205.85	\$266.87	\$469.89	\$556.67
EO				\$53.45	\$54.71			\$41.67	\$50.38	\$95.12	\$105.09
TOTAL				\$317.49	\$344.51			\$247.52	\$317.25	\$565.01	\$661.76

Feeder Cost

AVERAGE UNDERGROUND FEEDER COST

<u>Underground</u>	<u>Overhead</u>	<u>Difference</u>
\$/Ft..... \$23.22	\$/Ft..... \$11.67	\$/Ft..... \$11.56
	Round To:	\$/Ft..... \$11.56

AVERAGE UNDERGROUND LATERAL COST

<u>1 Phase Underground</u>	<u>1 Phase Overhead</u>	<u>Difference</u>
\$/Ft..... \$5.75	\$/Ft..... \$4.05	\$/Ft..... \$1.70
	* Round To:	\$/Ft..... \$1.70

<u>2 Phase Underground</u>	<u>2 Phase Overhead</u>	<u>Difference</u>
\$/Ft..... \$8.60	\$/Ft..... \$5.14	\$/Ft..... \$3.46
	Round To:	\$/Ft..... \$3.46

<u>3 Phase Underground</u>	<u>3 Phase Overhead</u>	<u>Difference</u>
\$/Ft..... \$11.33	\$/Ft..... \$6.23	\$/Ft..... \$5.10
	Round To:	\$/Ft..... \$5.10

NOTE: Feeder estimates based on three phase requirements.
See Exhibit XIA for details.

2005 URD TARIFF

FEEDER/LATERAL COST¹

Feeder Length (Ft) =	25,428
UG Feeder Cost =	\$642,398.99
26 UG Lateral Risers not required if UG Feeder is used	
Cost of each Lateral Riser =	\$1,994.76
26 Lateral Risers X \$1,994.76 =	<u>(\$51,863.76)</u>
Net UG Feeder Cost =	\$590,535.23
UG Feeder per foot cost =	\$23.22
OH Feeder Cost =	\$296,697.57
OH Feeder per foot cost =	\$11.67
Feeder Differential Cost =	\$11.56
Padmounted Switch cabinet weighted cost (Each) ² =	\$20,365.35

- NOTES:**
- (1) These per foot costs include cable-in-conduit and cable pull boxes.
 - (2) Differential cost based on padmounted switch vs. overhead switch average installed cost weighted by quantity of each switch installed. This cost is identical to the padmounted switch cost in the UCD Tariff.

2005 URD TARIFF

LATERAL COST³

Lateral Length = 1200 Feet

1 Phase UG Lateral Cost =	\$6,898.26
1 Phase UG Lateral Cost Per Foot =.....	\$5.75
1 Phase Overhead Lateral Cost =.....	\$4,861.71
1 Phase Overhead Lateral Cost Per Foot =.....	\$4.05
1 Phase Lateral Differential Cost =.....	\$1.70
2 Phase UG Lateral Cost =	\$10,320.95
2 Phase UG Lateral Cost Per foot =	\$8.60
2 Phase OH Lateral Cost =	\$6,170.09
2 Phase OH Lateral Cost Per foot =	\$5.14
2 Phase Lateral Differential Cost =.....	\$3.46
3 Phase UG Lateral Cost =	\$13,601.04
3 Phase UG Lateral Cost Per foot =	\$11.33
3 Phase OH Lateral Cost =	\$7,478.50
3 Phase OH Lateral Cost Per foot =	\$6.23
3 Phase Lateral Differential Cost =.....	\$5.10

NOTE: (3) These costs include cable-in-conduit only (no pull boxes).

Conduit Credits

10.2.11

10.5.4 Replace Existing Service

7" PVC 0.005 MH X \$78.20 /MH X 63 Ft.=..... \$24.63 /Lot

10.4.3 UG Service from OH Lines

2" PVC 0.005 MH X \$78.20 /MH =..... \$0.39 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$78.20 /MH =..... \$0.55 /Ft.

10.3.3.d. Credit for Installation of Conduit

2" PVC 0.005 MH X \$78.20 /MH =..... \$0.39 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$78.20 /MH =..... \$0.55 /Ft.

10.2.11 Extensions of Service Beyond Point of Delivery

CABLE MATERIAL \$0.73 /Ft. X 1.0609 Stores Loading = \$0.77 /Ft.

\$0.77 /Ft. X 1.18879 EO = \$0.92 /Ft.

CABLE PULL \$78.20 /MH X 0.003 MH =..... \$ 0.23 /Ft.

\$ 0.23 /Ft. X 1.18879 EO = \$0.28 /Ft.

CONDUIT MATERIAL \$0.35 /Ft. X 1.0609 Stores Loading = \$0.37 /Ft.

\$0.37 /Ft. X 1.18879 EO = \$0.44 /Ft.

CONDUIT LABOR \$78.20 /MH X 0.005 MH =..... \$0.39 /Ft.

\$0.39 /Ft. X 1.18879 EO = \$0.46 /Ft.

TRENCH \$78.20 /MH X 0.029 MH =..... \$2.27 /Ft.

\$2.27 /Ft. X 1.18879 EO = \$2.70 /Ft.

TOTAL..... \$4.80 /Ft.

When Customer Provides Trench and Conduit Installation

\$0.92 + \$0.28 + \$0.44 =..... \$1.64 /Ft.
 Cable Material + Pull Labor + Conduit Material

Trench Credits

2005 URD TARIFF
TRENCH CREDITS

10.3.3

1. Low Density

Pri/Sec = 353.01 MH X \$78.20 /MH =..... \$27,605.38
210 Lots
\$131.45 /Lot

Svc =..... 0.029 MH X \$78.20 /MH X 63 Ft. =..... \$142.87 /Lot

2. High Density

Pri/Sec = 214.47 MH X \$78.20 /MH =..... \$16,771.55
176 Lots
\$95.29 /Lot

Svc =..... 0.029 MH X \$78.20 /MH X 35 Ft. =..... \$79.37 /Lot

3. Meter Pedestals

Pri/Sec = 180.93 MH X \$78.20 /MH =..... \$14,148.73
176 Lots
\$80.39 /Lot

(Feeder/Lateral Trench Credit =.....	\$78.20	/MH X	0.029	MH =	\$2.27	/Ft.
Feeder Splice Box Installation Credit =.....	\$78.20	/MH X	7.36	MH =	\$575.55	/Box
Primary Splice Box Installation Credit =.....	\$78.20	/MH X	1.94	MH =	\$151.71	/Box
Secondary Handhole Installation Credit						
For 17" Handhole =	\$78.20	/MH X	0.18	MH =	\$14.08	/HH
For 24" or 30" Handhole =	\$78.20	/MH X	0.51	MH =	\$39.88	/HH
Concrete Pad for Pad Mounted Transformer or Capacitor Bank Credit =.....						
	\$78.20	/MH X	0.3	MH =	\$23.46	/Pad
Flexible HDPE Conduit Installation Credit =	\$78.20	/MH X	0.001	MH =	\$0.08	/Ft.
Concrete Pad and Cable Chamber for Feeder Switch Pad =.....						
	\$78.20	/MH X	4.71	MH =	\$368.32	/Pad

Trench Credit for New UG Service Laterals

10.4.3 \$78.20 /MH X 0.029 MH = \$2.27 /Ft.

Trench Credit for Replacement of OH Service with UG Service

10.5.4. 0.029 MH X \$78.20 /MH X 63 Ft. = \$142.87 /Svc

Shown on Page 3 of Basis

Riser to HH and Service Lateral

**2005 URD TARIFF
RISER TO HANDHOLE COST**

Overhead

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$67.20	\$95.23	\$162.43

Underground

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$299.23	\$387.26	<u>\$686.49</u>

DIFFERENTIAL = **\$524.06**

SERVICE LATERAL DIFFERENTIAL - LOW DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$116.62	\$73.39
Labor	\$275.56	\$96.13
Stores loading	\$7.10	\$4.47
EO	<u>\$75.38</u>	<u>\$32.85</u>
Total	\$474.66	\$206.84

UNDERGROUND	\$474.66
OVERHEAD	<u>(\$206.84)</u>
DIFFERENTIAL =	\$267.82

2005 URD TARIFF

SERVICE LATERAL DIFFERENTIAL - HIGH DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$95.51	\$61.33
Labor	\$220.02	\$86.51
Stores loading	\$5.82	\$3.73
EO	<u>\$60.67</u>	<u>\$28.62</u>
Total	\$382.02	\$180.19

UNDERGROUND	\$382.02
OVERHEAD	<u>(\$180.19)</u>
DIFFERENTIAL =	\$201.83

2005 Cost Changes

2005 OVERHEAD LABOR COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	2002	2005	%INC.	2002	2005	%INC.	2002	2005	%INC.	
1. SERVICE	\$80.67	\$96.67	19.83	\$72.69	\$86.77	19.37	\$29.86	\$35.60	19.22	1. SERVICE
2. PRIMARY	\$84.67	\$83.70	-1.15	\$36.52	\$32.21	-11.80	\$35.93	\$31.62	-12.00	2. PRIMARY
3. SECONDARY	\$67.06	\$94.99	41.65	\$64.74	\$74.96	15.79	\$61.23	\$72.73	18.78	3. SECONDARY
4. POLES	\$167.36	\$206.40	23.33	\$97.85	\$118.22	20.82	\$95.63	\$115.54	20.82	4. POLES
5. TRANSFORMER	\$45.95	\$43.80	-4.68	\$16.16	\$15.82	-2.10	\$16.16	\$15.82	-2.10	5. TRANSFORMER
6. EO	\$90.23	\$99.22	9.96	\$58.29	\$61.92	6.23	\$48.34	\$51.22	5.96	6. EO
7. TOTAL	\$535.94	\$624.78	16.58	346.25	389.90	12.61	\$287.15	\$322.53	12.32	7. TOTAL

LOW DENSITY

1. INCREASED LABOR RATE \$67.29 TO \$80.21
2. CHANGE NOT SIGNIFICANT
3. INCREASED LABOR RATE \$67.29 TO \$80.21
4. INCREASED LABOR RATE \$67.29 TO \$80.21
5. DECREASED TRANSFORMER QTY 63 TO 61
6. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$445.71 TO \$525.56

HIGH DENSITY

1. INCREASED LABOR RATE \$67.29 TO \$80.21.
2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
3. INCREASED LABOR RATE \$67.29 TO \$80.21.
4. INCREASED LABOR RATE \$67.29 TO \$80.21.
5. CHANGE NOT SIGNIFICANT
6. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$287.96 TO \$327.98

METER PEDESTAL

1. INCREASED LABOR RATE \$67.29 TO \$80.21.
2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999
3. INCREASED LABOR RATE \$67.29 TO \$80.21.
4. INCREASED LABOR RATE \$67.29 TO \$80.21.
5. CHANGE NOT SIGNIFICANT
6. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$238.81 TO \$271.31

2005 OVERHEAD MATERIAL COSTS

	LOW DENSITY			HIGH DENSITY			METER PEDESTAL			
	2002	2005	%INC.	2002	2005	%INC.	2002	2005	%INC.	
1. SERVICE	\$73.28	\$80.20	9.44	\$62.40	\$66.80	7.05	\$33.90	\$33.81	-0.27	1. SERVICE
2. PRIMARY	\$47.70	\$35.24	-26.12	\$21.18	\$9.41	-55.57	\$20.89	\$9.40	-55.00	2. PRIMARY
3. SECONDARY	\$25.10	\$52.42	108.84	\$50.72	\$64.47	27.11	\$49.82	\$63.00	26.46	3. SECONDARY
4. POLES	\$118.18	\$129.90	9.92	\$66.59	\$74.63	12.07	\$64.29	\$71.69	11.51	4. POLES
5. TRANSFORMER	\$125.58	\$127.17	1.27	\$61.55	\$59.33	-3.61	\$60.35	\$58.32	-3.36	5. TRANSFORMER
6. STORES LD	\$26.59	\$25.88	-2.67	\$17.90	\$16.73	-6.54	\$15.63	\$14.39	-7.93	6. STORES LD
7. EO	\$84.30	\$85.11	0.96	\$56.75	\$55.01	-3.07	\$49.57	\$47.31	-4.56	7. EO
8. TOTAL	\$500.73	\$535.92	7.03	\$337.09	\$346.38	2.76	\$294.45	\$297.92	1.18	8. TOTAL

LOW DENSITY

- 1. HIGHER COST OF SERVICE CABLE \$0.51 TO \$0.59
- 2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
- 3. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
INCREASED QTY 3/0 TPX TO 340 FT
- 4. INCREASED CLASS/SIZE ON 4 POLES 40/5 TO 45/4
INCREASED COST OF POLES \$128.43 TO \$131.52 AVG
- 5. INCREASED COST OF TX'S \$390.09 TO \$409.91 AVG
DECREASED QTY OF TX'S 63 TO 61
- 6. LOWER RATE 6.82% TO 6.09%
HIGHER TOTAL MATERIAL COST.
- 7. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$416.43 TO \$450.81

HIGH DENSITY

- 1. HIGHER COST OF SERVICE CABLE \$0.51 TO \$0.59
- 2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
- 3. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
- 4. INCREASED COST OF POLES \$128.43 TO \$146.75 AVG
- 5. DECREASED COST OF TX'S \$576.19 TO \$543.14 AVG
- 6. LOWER RATE 6.82% TO 6.09%
HIGHER TOTAL MATERIAL COST.
- 7. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$280.34 TO \$291.37

METER PEDESTAL

- 1. CHANGE NOT SIGNIFICANT
- 2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX)
- 3. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX)
- 4. INCREASED COST OF POLES \$126.86 TO \$144.90 AVG
- 5. DECREASED COST OF TX'S \$564.13 TO \$533.97 AVG
- 6. LOWER RATE 6.82% TO 6.09%
HIGHER TOTAL MATERIAL COST.
- 7. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$244.88 TO \$250.61

2005 UNDERGROUND LABOR COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	
1. SERVICE	\$166.05	\$204.33	23.05%	\$120.38	\$87.16	-27.60%	\$14.43	\$17.13	18.71%	1. SERVICE
2. PRIMARY	\$151.34	\$180.49	19.26%	\$80.85	\$120.49	49.03%	\$83.69	\$107.28	28.19%	2. PRIMARY
3. SECONDARY	\$37.35	\$54.02	44.63%	\$14.49	\$39.98	175.91%	\$33.13	\$51.19	54.51%	3. SECONDARY
4. TRANSFORMER	\$13.36	\$10.88	-18.56%	\$5.92	\$6.49	9.63%	\$4.93	\$5.41	9.74%	4. TRANSFORMER
5. P/S TRENCH	\$139.72	\$171.97	23.08%	\$48.97	\$86.74	77.13%	\$69.67	\$85.86	23.24%	5. P/S TRENCH
6. SVC TRENCH	\$123.97	\$152.60	23.09%	\$110.32	\$101.86	-7.67%	-----	-----	N/A	6. SVC TRENCH
7. EO	<u>\$127.90</u>	<u>\$146.18</u>	<u>14.29%</u>	<u>\$77.12</u>	<u>\$83.58</u>	<u>8.38%</u>	<u>\$41.67</u>	<u>\$50.38</u>	<u>20.90%</u>	7. EO
8. TOTAL	\$759.69	\$920.47	21.16%	\$458.05	\$526.30	14.90%	\$247.52	\$317.25	28.17%	8. TOTAL

LOW DENSITY

INCREASED LABOR RATE \$63.29 TO \$78.20
 INCREASED LABOR RATE \$63.29 TO \$78.20

INCREASED LABOR RATE \$63.29 TO \$78.20

CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
 INCREASED LABOR RATE \$63.29 TO \$78.20

INCREASED LABOR RATE \$63.29 TO \$78.20

LOWER RATE 20.24% TO 18.88%
 HIGHER BASE \$631.79 TO \$774.29

HIGH DENSITY

1. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)
 2. CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)

3. INCREASED LABOR RATE \$63.29 TO \$78.20
 CHANGE IN ACCTG DUE TO WMS CONSOLIDATION (XXX.999 ACCTS)

4. INCREASED LABOR RATE \$63.29 TO \$78.20
 5. INCREASED LABOR RATE \$63.29 TO \$78.20
 INCREASE IN SEC TN QTY / DECREASE IN SVC TN QTY

6. INCREASED LABOR RATE \$63.29 TO \$78.20
 INCREASE IN SEC TN QTY / DECREASE IN SVC TN QTY

7. LOWER RATE 20.24% TO 18.88%
 HIGHER BASE \$380.93 TO \$442.72

METER PEDESTAL

1. INCREASED LABOR RATE \$63.29 TO \$78.20 (METERS)
 2. INCREASED LABOR RATE \$63.29 TO \$78.20
 CHANGE IN ACCTG DUE TO WMS CONSOLIDATION

3. INCREASED LABOR RATE \$63.29 TO \$78.20
 CHANGE IN ACCTG DUE TO WMS CONSOLIDATION

4. INCREASED LABOR RATE \$63.29 TO \$78.20
 5. INCREASED LABOR RATE \$63.29 TO \$78.20

6. N/A

7. LOWER RATE 20.24% TO 18.88%
 HIGHER BASE \$205.85 TO 266.87

2005 UNDERGROUND MATERIAL COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	<u>2002</u>	<u>2005</u>	<u>%INC.</u>	
1. SERVICE	\$116.67	\$121.18	3.87%	\$144.52	\$127.96	-11.46%	\$28.43	\$27.29	-4.01%	1. SERVICE
2. PRIMARY	\$190.41	\$198.98	4.50%	\$78.37	\$105.13	34.15%	\$94.11	\$102.85	9.29%	2. PRIMARY
3. SECONDARY	\$68.60	\$85.94	25.28%	\$31.71	\$35.48	11.89%	\$58.31	\$68.51	17.49%	3. SECONDARY
4. TRANSFORMER	\$125.42	\$136.44	8.79%	\$77.65	\$85.28	9.83%	\$66.33	\$74.51	12.33%	4. TRANSFORMER
5. STORES LDG	\$34.18	\$33.04	-3.34%	\$22.66	\$21.55	-4.90%	\$16.86	\$16.64	-1.30%	5. STORES LDG
6. EO	\$108.36	\$108.66	0.28%	\$71.85	\$70.87	-1.36%	\$53.45	\$54.71	2.36%	6. EO
7. TOTAL	\$643.64	\$684.24	6.31%	\$426.76	\$446.27	4.57%	\$317.49	\$344.51	8.51%	7. TOTAL
	535.28	575.58	0.06	354.91	375.40	0.06	264.04	289.80		

LOW DENSITY

1. INCREASED COST OF 1/0A TPX \$0.64 TO \$0.73
DECREASED COST OF SCHEDULE 80 BENDS
INCREASED COST OF 2" PVC \$0.31 TO \$0.35
2. INCREASED COST OF 1/0A CABLE \$1.00 TO \$1.10
3. INCREASED COST OF 4/0 TPX \$0.85 TO \$1.02
INCREASED COST OF 2" PVC \$0.31 TO \$0.35
INCREASED COST OF 24" HH \$70.83 TO \$81.32
4. INCREASED COST OF TX'S \$967.51 TO \$1040.08 AVG
5. LOWER RATE 6.82% TO 6.09%.
HIGHER TOTAL MATERIAL COST
6. LOWER RATE 20.24% TO 18.88%
HIGHER BASE \$535.28 TO \$575.58

HIGH DENSITY

1. INCREASED COST OF 1/0A TPX \$0.64 TO \$0.73
DECREASED COST OF SCHEDULE 80 BENDS
2. INCREASED COST OF 1/0A CABLE \$1.00 TO \$1.10
3. INCREASED COST OF 4/0 TPX \$0.85 TO \$1.02
INCREASED COST OF 2" PVC \$0.31 TO \$0.35
INCREASED COST OF 24" HH \$70.83 TO \$81.32
4. INCREASED COST OF TX'S \$987.68 TO \$1093.43 AVG
5. HIGHER RATE 6.80% TO 6.82%.
LOWER TOTAL MATERIAL COST
6. HIGHER RATE 18.73% TO 20.24%
HIGHER BASE \$354.91 TO \$375.40

METER PEDESTAL

1. DECREASED COST OF METERS
2. INCREASED COST OF 1/0A CABLE \$1.00 TO \$1.10
3. INCREASED COST OF 4/0 TPX \$0.85 TO \$1.02
INCREASED COST OF 2" PVC \$0.31 TO \$0.35
INCREASED COST OF 24" HH \$70.83 TO \$81.32
4. INCREASED COST OF TX'S \$1017.26 TO \$1150.34 AV
5. HIGHER RATE 6.80% TO 6.82%
LOWER TOTAL MATERIAL COST
6. HIGHER RATE 18.73% TO 20.24%
HIGHER BASE \$264.04 TO \$289.80

1-19-2005

U.S. Department Of Labor
 Bureau of Labor Statistics
 Washington, D.C. 20212

Consumer Price Index

All Urban Consumers - (CPI-U)

U.S. city average

All items

1982-84=100

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	SEMIANNUAL			P D
													1ST HALF	2ND HALF	AVG.	
1913	9.8	9.8	9.8	9.8	9.7	9.8	9.9	9.9	10.0	10.0	10.1	10.0			9.9	
1914	10.0	9.9	9.9	9.8	9.9	9.9	10.0	10.2	10.2	10.1	10.2	10.1			10.0	
1915	10.1	10.0	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.3	10.3			10.1	
1916	10.4	10.4	10.5	10.6	10.7	10.8	10.8	10.9	11.1	11.3	11.5	11.6			10.9	
1917	11.7	12.0	12.0	12.6	12.8	13.0	12.8	13.0	13.3	13.5	13.5	13.7			12.8	
1918	14.0	14.1	14.0	14.2	14.5	14.7	15.1	15.4	15.7	16.0	16.3	16.5			15.1	
1919	16.5	16.2	16.4	16.7	16.9	16.9	17.4	17.7	17.8	18.1	18.5	18.9			17.3	
1920	19.3	19.5	19.7	20.3	20.6	20.9	20.8	20.3	20.0	19.9	19.8	19.4			20.0	
1921	19.0	18.4	18.3	18.1	17.7	17.6	17.7	17.7	17.5	17.5	17.4	17.3			17.9	
1922	16.9	16.9	16.7	16.7	16.7	16.7	16.8	16.6	16.6	16.7	16.8	16.9			16.8	
1923	16.8	16.8	16.8	16.9	16.9	17.0	17.2	17.1	17.2	17.3	17.3	17.3			17.1	
1924	17.3	17.2	17.1	17.0	17.0	17.0	17.1	17.0	17.1	17.2	17.2	17.3			17.1	
1925	17.3	17.2	17.3	17.2	17.3	17.5	17.7	17.7	17.7	17.7	18.0	17.9			17.5	
1926	17.9	17.9	17.8	17.9	17.8	17.7	17.5	17.4	17.5	17.6	17.7	17.7			17.7	
1927	17.5	17.4	17.3	17.3	17.4	17.6	17.3	17.2	17.3	17.4	17.3	17.3			17.4	
1928	17.3	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.3	17.2	17.2	17.1			17.1	
1929	17.1	17.1	17.0	16.9	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.2			17.1	
1930	17.1	17.0	16.9	17.0	16.9	16.8	16.6	16.5	16.6	16.5	16.4	16.1			16.7	
1931	15.9	15.7	15.6	15.5	15.3	15.1	15.1	15.1	15.0	14.9	14.7	14.6			15.2	

1932	14.3	14.1	14.0	13.9	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.1	13.7	-
1933	12.9	12.7	12.6	12.6	12.6	12.7	13.1	13.2	13.2	13.2	13.2	13.2	13.0	
1934	13.2	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.6	13.5	13.5	13.4	13.4	
1935	13.6	13.7	13.7	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.8	13.8	13.7	
1936	13.8	13.8	13.7	13.7	13.7	13.8	13.9	14.0	14.0	14.0	14.0	14.0	13.9	
1937	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.6	14.6	14.5	14.4	14.4	
1938	14.2	14.1	14.1	14.2	14.1	14.1	14.1	14.1	14.1	14.0	14.0	14.0	14.1	
1939	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.8	14.1	14.0	14.0	14.0	13.9	
1940	13.9	14.0	14.0	14.0	14.0	14.1	14.0	14.0	14.0	14.0	14.0	14.1	14.0	
1941	14.1	14.1	14.2	14.3	14.4	14.7	14.7	14.9	15.1	15.3	15.4	15.5	14.7	
1942	15.7	15.8	16.0	16.1	16.3	16.3	16.4	16.5	16.5	16.7	16.8	16.9	16.3	
1943	16.9	16.9	17.2	17.4	17.5	17.5	17.4	17.3	17.4	17.4	17.4	17.4	17.3	
1944	17.4	17.4	17.4	17.5	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.8	17.6	
1945	17.8	17.8	17.8	17.8	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.2	18.0	
1946	18.2	18.1	18.3	18.4	18.5	18.7	19.8	20.2	20.4	20.8	21.3	21.5	19.5	
1947	21.5	21.5	21.9	21.9	21.9	22.0	22.2	22.5	23.0	23.0	23.1	23.4	22.3	
1948	23.7	23.5	23.4	23.8	23.9	24.1	24.4	24.5	24.5	24.4	24.2	24.1	24.1	
1949	24.0	23.8	23.8	23.9	23.8	23.9	23.7	23.8	23.9	23.7	23.8	23.6	23.8	
1950	23.5	23.5	23.6	23.6	23.7	23.8	24.1	24.3	24.4	24.6	24.7	25.0	24.1	
1951	25.4	25.7	25.8	25.8	25.9	25.9	25.9	25.9	26.1	26.2	26.4	26.5	26.0	
1952	26.5	26.3	26.3	26.4	26.4	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.5	
1953	26.6	26.5	26.6	26.6	26.7	26.8	26.8	26.9	26.9	27.0	26.9	26.9	26.7	
1954	26.9	26.9	26.9	26.8	26.9	26.9	26.9	26.9	26.8	26.8	26.8	26.7	26.9	
1955	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.9	26.9	26.9	26.8	26.8	
1956	26.8	26.8	26.8	26.9	27.0	27.2	27.4	27.3	27.4	27.5	27.5	27.6	27.2	
1957	27.6	27.7	27.8	27.9	28.0	28.1	28.3	28.3	28.3	28.3	28.4	28.4	28.1	
1958	28.6	28.6	28.8	28.9	28.9	28.9	29.0	28.9	28.9	28.9	29.0	28.9	28.9	
1959	29.0	28.9	28.9	29.0	29.0	29.1	29.2	29.2	29.3	29.4	29.4	29.4	29.1	
1960	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.6	
1961	29.8	29.8	29.8	29.8	29.8	29.8	30.0	29.9	30.0	30.0	30.0	30.0	29.9	
1962	30.0	30.1	30.1	30.2	30.2	30.2	30.3	30.3	30.4	30.4	30.4	30.4	30.2	
1963	30.4	30.4	30.5	30.5	30.5	30.6	30.7	30.7	30.7	30.8	30.8	30.9	30.6	
1964	30.9	30.9	30.9	30.9	30.9	31.0	31.1	31.0	31.1	31.1	31.2	31.2	31.0	
1965	31.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.7	31.7	31.8	31.5	
1966	31.8	32.0	32.1	32.3	32.3	32.4	32.5	32.7	32.7	32.9	32.9	32.9	32.4	
1967	32.9	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	33.4	
1968	34.1	34.2	34.3	34.4	34.5	34.7	34.9	35.0	35.1	35.3	35.4	35.5	34.8	

1969	35.6	35.8	36.1	36.3	36.4	36.6	36.8	37.0	37.1	37.3	37.5	37.7			36.7
1970	37.8	38.0	38.2	38.5	38.6	38.8	39.0	39.0	39.2	39.4	39.6	39.8			38.8
1971	39.8	39.9	40.0	40.1	40.3	40.6	40.7	40.8	40.8	40.9	40.9	41.1			40.5
1972	41.1	41.3	41.4	41.5	41.6	41.7	41.9	42.0	42.1	42.3	42.4	42.5			41.8
1973	42.6	42.9	43.3	43.6	43.9	44.2	44.3	45.1	45.2	45.6	45.9	46.2			44.4
1974	46.6	47.2	47.8	48.0	48.6	49.0	49.4	50.0	50.6	51.1	51.5	51.9			49.3
1975	52.1	52.5	52.7	52.9	53.2	53.6	54.2	54.3	54.6	54.9	55.3	55.5			53.8
1976	55.6	55.8	55.9	56.1	56.5	56.8	57.1	57.4	57.6	57.9	58.0	58.2			56.9
1977	58.5	59.1	59.5	60.0	60.3	60.7	61.0	61.2	61.4	61.6	61.9	62.1			60.6
1978	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66.0	66.5	67.1	67.4	67.7			65.2
1979	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8	74.6	75.2	75.9	76.7			72.6
1980	77.8	78.9	80.1	81.0	81.8	82.7	82.7	83.3	84.0	84.8	85.5	86.3			82.4
1981	87.0	87.9	88.5	89.1	89.8	90.6	91.6	92.3	93.2	93.4	93.7	94.0			90.9
1982	94.3	94.6	94.5	94.9	95.8	97.0	97.5	97.7	97.9	98.2	98.0	97.6			96.5
1983	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2	100.7	101.0	101.2	101.3			99.6
1984	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3	102.9	104.9	103.9
1985	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3	106.6	108.5	107.6
1986	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5	109.1	110.1	109.6
1987	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4	112.4	114.9	113.6
1988	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5	116.8	119.7	118.3
1989	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1	122.7	125.3	124.0
1990	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	128.7	132.6	130.7
1991	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9	135.2	137.2	136.2
1992	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9	139.2	141.4	140.3
1993	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8	143.7	145.3	144.5
1994	146.2	146.7	147.2	147.4	147.5	148.0	148.4	149.0	149.4	149.5	149.7	149.7	147.2	149.3	148.2
1995	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9	153.2	153.7	153.6	153.5	151.5	153.2	152.4
1996	154.4	154.9	155.7	156.3	156.6	156.7	157.0	157.3	157.8	158.3	158.6	158.6	155.8	157.9	156.9
1997	159.1	159.6	160.0	160.2	160.1	160.3	160.5	160.8	161.2	161.6	161.5	161.3	159.9	161.2	160.5
1998	161.6	161.9	162.2	162.5	162.8	163.0	163.2	163.4	163.6	164.0	164.0	163.9	162.3	163.7	163.0
1999	164.3	164.5	165.0	166.2	166.2	166.2	166.7	167.1	167.9	168.2	168.3	168.3	165.4	167.8	166.6
2000	168.8	169.8	171.2	171.3	171.5	172.4	172.8	172.8	173.7	174.0	174.1	174.0	170.8	173.6	172.2
2001	175.1	175.8	176.2	176.9	177.7	178.0	177.5	177.5	178.3	177.7	177.4	176.7	176.6	177.5	177.1
2002	177.1	177.8	178.8	179.8	179.8	179.9	180.1	180.7	181.0	181.3	181.3	180.9	178.9	180.9	179.9
2003	181.7	183.1	184.2	183.8	183.5	183.7	183.9	184.6	185.2	185.0	184.5	184.3	183.3	184.6	184.0
2004	185.2	186.2	187.4	188.0	189.1	189.7	189.4	189.5	189.9	190.9	191.0	190.3	187.6	190.2	188.9

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(Continued from Sheet No. 6.080)

SUBDIVISION - The tract of land which is divided into five or more building lots or upon which five or more separate dwelling units are to be located, or the land on which is to be constructed new multiple-occupancy buildings.

TOWNHOUSE - A one-family dwelling unit of a group such that units are separated only by fire walls. Each townhouse unit shall be constructed upon a separate lot and serviced with separate utilities and shall otherwise be independent of one another.

TUG - An acronym formed from the term Temporary UnderGround used to describe the temporary condition in which a building's permanent underground FPL service lateral is utilized to provide electric service to that building during its construction.

SECTION 10.2 GENERAL

10.2.1. Application

Underground electric distribution facilities are offered in lieu of overhead facilities in accordance with these Rules and Regulations for:

- a) New Residential Subdivisions and Developments.
- b) New Service Laterals from Overhead Systems.
- c) Replacement of Existing Overhead and Underground Service Laterals.
- d) New Multiple-Occupancy Residential Buildings.

10.2.2. Early Notification and Coordination

In order for the Company to provide service when required, it is necessary that the Applicant notify the Company during the early stages of planning major projects. Close coordination is necessary throughout the planning and construction stages by the Company, the architect, the builder, the subcontractors and the consulting engineer to avoid delays and additional expense. Particular attention must be given to the scheduling of the construction of paved areas and the various subgrade installations of the several utilities. Failure of the Applicant to provide such notification and coordination shall result in the Applicant paying any additional costs incurred by the Company.

10.2.3. Changes to Plans, Layout or Grade

The Applicant shall pay for any additional costs imposed on the Company by Applicant including, but not limited to, engineering design, administration and relocation expenses, due to changes made subsequent to the agreement in the subdivision or development layout or final grade.

10.2.4. Underground Installations Not Covered

Where the Applicant requests or governmental ordinance mandates underground electric facilities including - but not limited to - three phase primary feeder mains, transformers, pedestal mounted terminals, switching equipment, meter cabinets, service laterals or other electric facilities not specifically covered by these Rules and Regulations and where overhead facilities would otherwise be provided, the Applicant shall pay the Company the differential installed cost between the underground facilities and the equivalent overhead facilities as calculated by the Company. The Applicant shall also provide necessary rights of way and easements as given in Section 10.2.7.

10.2.5. Type of System Provided

The costs quoted in these rules are for underground residential distribution service laterals, secondary and primary conductors of standard Company design with cable in conduits and above-grade appurtenances. Unless otherwise stated, service provided will be 120/240 volt, single phase. If other types of facilities other than standard Company design are requested by the Applicant or required by governmental authority, the Applicant will pay the additional costs, as calculated by the Company, if any.

10.2.6. Design and Ownership

The Company will design, install, own, and maintain the electric distribution facilities up to the designated point of delivery except as otherwise noted. Any payment made by the Applicant under the provisions of these Rules will not convey to the Applicant any rights of ownership or right to specify Company facilities utilized to provide service.

10.2.7. Rights of Way and Easements

The Applicant shall record and furnish satisfactory rights of way and easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, as required by and at no cost to the Company prior to the Company initiating construction. Before the Company will start construction, these rights of way and easements must be cleared by the Applicant of trees, tree stumps and other obstructions that conflict with construction, staked to show property corners and survey control points, graded to within six inches of final grade, with soil stabilized. In addition, the Applicant shall provide stakes showing final grade along the easement. Such clearing and grading must be maintained by the Applicant during construction by the utility.

10.2.8. Contributions and Credits

The Applicant shall pay the required contribution upon receipt of written notification from the Company. No utility construction shall commence prior to execution of the Underground Distribution Facilities Installation Agreement set forth in Tariff Sheet Nos. 9.700, 9.701 and 9.702 and payment in full of the entire contribution. Where, by mutual agreement, the Applicant ~~installs FPL provided conduit and/or provides trench and backfilling~~ performs any of the work normally performed by the Company, the Applicant shall receive a credit for such work ~~provided by the Applicant in accordance with the credit amounts contained herein~~, provided that the work is in accordance with Company specifications. The credit will be granted after the work has been inspected by the Company and, in the case of Applicant-installed conduit, after the ~~Company pulls all applicable conductors~~ have been installed.

(Continued on Sheet No. 6.095)

(Continued from Sheet No. 6.090)

10.2.8.1 Credit for TUGs

If the Applicant installs the permanent electric service entrance such that FPL's service lateral can be subsequently installed and utilized to provide that building's construction service, the Applicant shall receive a credit in the amount of \$39.10 per service lateral, subject to the following requirements:

- a) TUGs must be inspected and approved by the local inspecting authority.
- b) All service laterals within the subdivision must be installed as TUGs.
- c) FPL must be able to install the service lateral, energize the service lateral, and set the meter to energize the load side of the meter can, all in a single trip. Subsequent visits other than routine maintenance or meter readings will void the credit.
- d) Thereafter, acceptance and receipt of service by the Customer shall constitute certification that the Customer has met all inspection requirements, complied with all applicable codes and rules and, subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company – Governmental, FPL's General Rules and Regulations, the Customer releases, holds harmless and agrees to indemnify the Company from and against loss or liability in connection with the provision of electrical services to or through such Customer-owned electrical installations.
- e) The Applicant shall be held responsible for all electric service used until the account is established in the succeeding occupant's name.

This credit applies only when FPL installs the service - it does not apply when the developer installs the service conduits, or the service conduits and cable.

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 limits 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 paving, grass, landscaping or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching 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 \$4.04 ~~4.80~~. Where an existing trench is utilized, the additional cost per trench foot is \$1.83 ~~2.10~~. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is \$1.45 ~~1.64~~. Any re-designation 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.~~

~~0.2.14. 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.~~

(Continued on Sheet No. 6.096)

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

10.3.1. Availability

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

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

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

10.3.2. Contribution by Applicant

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

	<u>Applicant's Contribution</u>
1. Where density is 6.0 or more dwelling units per acre:	
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$201.00 <u>236.29</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$0 <u>41.31</u>
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:	
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$367.00 <u>444.01</u>
3. Where the density is less than 0.5 dwelling units per acre, or the Distribution System is of non-standard design, individual cost estimates will be used to determine the differential cost as specified in Paragraph 10.2.5.	

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

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

	<u>Applicant's Contribution</u>
Cost per foot of feeder trench within the subdivision (excluding switches)	\$10.00 <u>11.56</u>
Cost per switch package	\$19,290.00 <u>20,365.35</u>

~~e) 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	\$2.40
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(Continued on Sheet No. 6.110)

(Continued from Sheet No. 6.100)

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

1) Single Phase - per foot	\$1.70
2) Two Phase - per foot	\$3.46
3) Three Phase - per foot	\$5.10

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:	\$226.00 <u>267.82</u>
Density 6.0 or greater dwelling units per acre:	\$170.00 <u>201.83</u>

10.3.3. Contribution Adjustments

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

	<u>Credit to Applicant's Contribution</u>	
	<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:		
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$77.00 <u>95.29</u>	\$64.00 <u>79.37</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	N/A <u>\$80.39</u>	N/A
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:		
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$106.00 <u>131.45</u>	\$116.00 <u>142.87</u>

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

	<u>Backbone</u>	<u>Service</u>
1. Where density is 6.0 or more dwelling units per acre:		
1.1 Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral.	\$33.00 <u>40.49</u>	\$22.00 <u>27.37</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route		

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per dwelling unit.	N/A	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	\$52.00	\$31.00

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

<u>1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.</u>	<u>\$27.97</u>	<u>N/A</u>
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<u>2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.</u>	<u>\$64.80</u>	<u>\$38.32</u>
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- 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, per foot of trench - \$2.27. ~~The credit is:~~
 Credit per foot of trench within the subdivision — \$ 1.80
- 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 - \$0.3; 0.39; larger than 2" PVC - \$0.44~~ 0.55.
- 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 - ~~\$466.00~~ 575.55.
- 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 - ~~\$123.00~~ 151.71.
- 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 - ~~\$11.00~~ 14.08; 24" or 30" handhole - ~~\$32.00~~ 39.88.
- 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 or capacitor bank, per FPL instructions, per pad - ~~\$19.00~~ 23.46.
- 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): ~~\$0.06~~ 0.08.
- 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 - ~~\$298.00~~ 368.32.

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

10.4.1. New Underground Service Laterals

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

10.4.2. Contribution by Applicant

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

	<u>Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes	
a) per service lateral (includes service riser installation).	\$455.00 <u>530.22</u>
b) per service lateral (from existing handhole or PM TX).	\$267.82
2. For any density, the Company will provide a riser to a handhole at the base of a pole	
per service lateral.	\$464.00 <u>524.06</u>

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

10.4.3. Contribution Adjustments

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

	<u>Credit To Applicant's Contribution</u>
1. For any density:	
Buildings that do not exceed four units, townhouses, and mobile homes	
- per foot.	\$1.80 <u>2.27</u>

(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	\$0.32 <u>0.39</u>
	Larger than 2" PVC	\$0.44 <u>0.55</u>

c) Credit will be allowed to the Applicant's contribution in Section 10.4.2, where by mutual agreement, the Applicant requests the underground service to be installed as a TUG (subject to the conditions specified in Section 10.2.8.1), per service lateral, as follows:

1. For any density:

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

-per service lateral: _____ \$39.10

**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:	<u>Applicant's Contribution</u>
1. Where the Company provides an underground service lateral:	\$359.00 <u>429.39</u>
2. Where the Company provides a riser to a handhole at the base of the pole:	\$504.00 <u>590.72</u>
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:	\$346.00 <u>424.59</u>
2. Where the service is from an underground system:	\$307.00 <u>377.00</u>
c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	\$319.00 <u>362.72</u>
d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	\$90.00 <u>100.33</u>

**INSTALLATION OF UNDERGROUND ELECTRIC DISTRIBUTION FACILITIES
FOR NEW CONSTRUCTION**

SECTION 11.1 DEFINITIONS

APPLICANT - Any person, corporation, or entity capable of complying with the requirements of this tariff who has made a written request for underground electric distribution facilities in accordance with this tariff.

CONTRIBUTION-IN-AID-OF-CONSTRUCTION (CIAC) - The CIAC to be paid by an Applicant under this tariff section shall be determined according to the following formula:

$$\text{CIAC} = \text{UG} - \text{OH} + \text{ECIAC}$$

where, UG is the estimated cost to install underground electric distribution facilities for the proposed extension of facilities, OH is the estimated cost to install overhead electric distribution facilities for the proposed extension of facilities, and ECIAC is the CIAC that would otherwise be due, if any, for the extension of overhead distribution facilities.

DISTRIBUTION SYSTEM - Electric service facilities consisting of primary and secondary conductors, service drops, service lateral conduits, transformers and necessary accessories and appurtenances for the furnishing of electric power at utilization voltage.

SECTION 11.2 GENERAL

11.2.1 Application

This tariff section applies to all requests for underground electric distribution facilities where the facilities requested will constitute new construction, other than those requests covered by sections 10, 12 and 13 of this tariff. Any person, corporation or entity capable of complying with the requirements of this tariff may submit a request as follows. Requests shall be in writing and must specify in detail the proposed facilities that the Applicant desires to be installed as underground electric distribution facilities in lieu of overhead electric distribution facilities. Upon receipt of a written request FPL will determine the non refundable deposit amount necessary to secure a binding cost estimate and notify the applicant of said amount. Where system integrity would be compromised by the delay of a system improvement due to the time allowances specified below, said time allowances shall be reduced such that all terms and conditions of this tariff must be met 30 days prior to the date that construction must begin to allow the underground facility to be completed and operable to avert a system compromise.

11.2.2 Contribution-in-Aid-Of-Construction (CIAC)

Upon the payment of a non-refundable deposit by an Applicant, FPL shall prepare a binding cost estimate specifying the contribution-in-aid-of-construction (CIAC) required for the installation of the requested underground distribution facilities in addition to any CIAC required for facilities extension, where the installation of such facilities is feasible, and provide said estimate to the Applicant upon completion of the estimate along with an Underground New Distribution Facilities Installation Agreement. The CIAC amount to be collected pursuant to a binding cost estimate from an Applicant shall not be increased by more than 10 percent of the binding cost estimate to account for actual costs incurred in excess of the binding cost estimate. However, the CIAC may be subject to increase or refund if the project scope is enlarged or reduced at the request of the Applicant, or the CIAC is found to have a material error prior to the commencement of construction. The binding cost estimate provided to an Applicant shall be considered expired if the Applicant does not enter into an Underground New Distribution Facilities Installation Agreement and pay the CIAC amount specified for the installation of the requested underground electric distribution facilities within 180 days of delivery of the binding cost estimate to the Applicant by FPL.

11.2.3 Non-Refundable Deposits

The non-refundable deposit for a binding cost estimate for a direct buried cable in conduit underground electric distribution system shall be determined by multiplying the number of proposed trench feet for new underground electric distribution facilities to be installed by \$0.75. The deposit must be paid to FPL to initiate the estimating process. The deposit will not be refundable, however, it will be applied in the calculation of the CIAC required for the installation of underground distribution facilities. The deposit and the preparation of a binding cost estimate are a prerequisite to the execution of an Underground New Distribution Facilities Installation Agreement. If the request for underground electric distribution facilities involves less than 250 proposed trench feet then no deposit will be required for a binding cost estimate, provided, however, that all other requirements of this tariff shall still apply.

(Continued on Sheet No. 6.210)

(Continued from Sheet No. 6.200)

11.2.4 Non-Binding Cost Estimates

Any person, corporation, or entity may request a non-binding cost estimate free of charge. The non-binding cost estimate shall be an order of magnitude estimate to assist the requestor in determining whether to go forward with a binding cost estimate. An Underground New Distribution Facilities Installation Agreement may not be executed on the basis of a non-binding cost estimate.

11.2.5 Underground New Distribution Facilities Installation Agreement

Any Applicant seeking the installation of underground distribution facilities pursuant to a written request hereunder shall execute the Underground New Distribution Facilities Installation Agreement set forth in this tariff at Sheet Nos. 9.7109.700, 9.701 and 9.702. The Agreement must be executed and the CIAC paid by the Applicant within 180 days of the delivery of the binding cost estimate to the Applicant. Failure to execute the Agreement and pay the CIAC specified in the agreement within the 180 day time limit, or termination of the Agreement, shall result in the expiration of the binding cost estimate. Any subsequent request for underground facilities will require the payment of a new deposit and the presentation of a new binding cost estimate. For good cause FPL may extend the 180 day time limit. Upon execution of the Underground New Distribution Facilities Installation Agreement, payment in full of the CIAC specified in the binding cost estimate, and compliance with the requirements of this tariff, FPL shall proceed to install the facilities identified in a timely manner.

11.2.6 Easements

Before the initiation of any project to provide underground electric distribution facilities pursuant to an Underground New Distribution Facilities Installation Agreement, the Applicant shall provide to FPL and record, at no cost to FPL, all easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, specified as necessary by FPL to accommodate the requested underground facilities along with an opinion of title that the easements are valid. Failure to provide the easements in the manner set forth above within 180 days after delivery of the binding cost estimate to the Applicant shall result in the expiration of the binding cost estimate, the return of any CIAC paid, and the termination of any Underground New Distribution Facilities Installation Agreement entered into between the Applicant and FPL. Before FPL will commence construction, those rights of way and easements, contained within the boundaries of a development for which the underground electric distribution facilities are to be installed for new service, shall be staked to show property corners and survey control points, graded to within six inches of final grade, with soil stabilized, and also staked to show the final grade along the easement.

11.2.7 Early Notification and Coordination

In order for FPL to provide service when requested, it is necessary that the Applicant notify FPL during the early stages of major project planning. In matters requiring new service extensions close coordination is necessary throughout the planning and construction stages by FPL, the architect, the builder, the subcontractors and the consulting engineer to avoid delays and additional expense. Particular attention must be given to the scheduling of the construction of paved areas and the various subgrade installations of the several utilities. Failure of the Applicant to provide such notification and coordination shall result in the Applicant being responsible for any additional costs incurred by FPL as a result of said failure.

11.2.8 Changes to Plans, Layout or Grade

The Applicant shall pay for any additional costs incurred by FPL due to changes in the development layout or final grade made by the Applicant subsequent to the development layout or final grade information supplied to FPL for the preparation of the binding cost estimate.

11.2.9 Location of Distribution Facilities

Underground distribution facilities will be located, as determined by FPL, to maximize their accessibility for maintenance and operation. Where construction is for the purpose of new service the Applicant shall provide accessible locations for meters when the design of a building or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.

11.2.10 Other Terms and Conditions

Through the execution of the Underground New Distribution Facilities Installation Agreement found at Tariff Sheet Nos. 9.7109.700, 9.701 and 9.702, the Applicant agrees to the following:

- a) The Applicant shall be responsible for all restoration of, repair of, or compensation for, property affected, damaged, or destroyed, to accommodate the installation of underground distribution facilities;

(Continued on Sheet No. 6.220)

UNDERGROUND DISTRIBUTION FACILITIES INSTALLATION AGREEMENT

This Agreement, made this _____ day of _____, _____, by and between _____ (hereinafter called the Customer) and FLORIDA POWER & LIGHT COMPANY, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL).

WITNESSETH:

Whereas, the Customer has applied to FPL for underground distribution facilities to be installed on Customer's property known as _____ located in _____, Florida.

 (City/County)

That for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. The Customer shall pay FPL a Contribution in Aid of Construction of \$_____ (the Contribution) to cover the differential cost between an underground and an overhead system. This is based on the currently effective tariff filed with the Florida Public Service Commission by FPL and is broken down as follows: _____ more particularly described on Exhibit A attached hereto.
2. That a credit of \$_____ shall be provided to the Customer for trenching, backfilling, and the installation of Company provided conduit and other work, as also shown on Exhibit A, if applicable, and approved by FPL.
3. The contribution and credit are subject to adjustment when FPL's tariff is revised by the Florida Public Service Commission and the Customer has requested FPL to delay FPL's scheduled date of installation. Any additional costs caused by a Customer's change in the Customer's plans submitted to FPL on which the contribution was based shall be paid for by the Customer. The contribution does not include the cost of conversion of any existing overhead lines to underground or the relocation of any existing overhead or underground facilities to serve the property identified above.
4. That the Contribution provides for ___/___ volt, ___ phase (120/240 volt, single phase for URD Subdivisions) underground electrical service with facilities located on private property in easements as required by FPL. The contribution is based on employment of rapid production techniques and cooperation to eliminate conflicts with other utilities. Underground service, secondary, and primary conductors installed by FPL are to be of standard FPL design, in conduit, and with above-grade appurtenances.
5. That the payment of the Contribution does not waive any provisions of FPL's Electric Tariff.

If the property is subject to an underground ordinance, FPL shall notify the appropriate governmental agency that satisfactory arrangements have been made with the Customer as specified by FPL.

Title to and ownership of the facilities installed by FPL as a result of this agreement shall at all times remain the property of FPL.

6. That good and sufficient easements, including legal descriptions and survey work to produce such easements, and mortgage subordinations required by FPL for the installation and maintenance of its electric distribution facilities must be granted or obtained, and recorded, at no cost to FPL, prior to FPL's trenching, installation and/or construction of its FPL facilities. FPL may require mortgage subordinations when the Customer's property, on which FPL will install its facilities, is mortgaged and (1) there are no provisions in the mortgage that the lien of the mortgage will be subordinate to utility easements, (2) FPL's easement has not been recorded prior to the recordation of the mortgage, (3) FPL's facilities are or will be used to serve other parcels of property, or (4) other circumstances exist which FPL determines would make such a subordination necessary.
 - a) The Customer shall furnish FPL a copy of the deed or other suitable document which contains a full legal description and exact name of the legal owner to be used when an easement is prepared, as required by FPL.
 - b) The Customer shall furnish drawings, satisfactory to FPL, showing the location of existing and proposed structures on the Customer's construction site, as required by FPL.

(Continued on Sheet No. 9.701)

(Continued from Sheet No. 9.700)

- c) Should for any reason, except for the sole error of FPL, FPL's facilities not be constructed within the easement, FPL may require the Customer to grant new easements and obtain any necessary mortgage subordinations to cover FPL's installed facilities, at no cost to FPL, and FPL will release the existing easement. Mortgage subordinations will be necessary in this context when 1) the Customer's property on which FPL will install its facilities is mortgaged, 2) there are no provisions in the mortgage for subordination of the lien of the mortgage to utility easements, or 3) FPL's facilities are or will be used to serve other parcels of property.
7. Before FPL can begin its engineering work on the underground electric distribution facilities, the Customer shall provide FPL with the following:
- a) Paving, grading, and drainage plans showing all surface and sub-surface drainage satisfactory to FPL,
 - b) A construction schedule,
 - c) An estimate of when electric service will be required, and
 - d) Copies of the Customer's final construction plans as well as other construction drawings (plot, site, sewage, electrical, etc.) requested by FPL. Plats provided by the Customer must be either recorded by the circuit clerk or other recording officer or prepared and certified as meeting the requirements for recording (except approval by the governing body) by a registered land surveyor.
8. Prior to FPL construction pursuant to this agreement, the Customer shall:
- a) Clear the FPL easement on the Customer's property of tree stumps, all trees, and other obstructions that conflict with construction, including the drainage of all flooded areas. The Customer shall be responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. The easement shall be graded to within six inches of final grade with soil stabilized.
 - b) Provide property line and corner stakes, designated by a licensed surveyor, to establish a reference for locating the underground cable trench route in the easement and additional reference points when required by FPL. Also, the Customer shall provide stakes identifying the location, depth, size and type facility of all non-FPL underground facilities within or near the easement where FPL distribution facilities will be installed. The Customer shall maintain these stakes, and if any of these stakes are lost, destroyed or moved and FPL requires their use, the Customer shall replace the stakes at no cost to FPL, unless the stakes are lost, destroyed or moved by an agent, employee, contractor or subcontractor of FPL, in which case FPL will pay the Customer the cost of replacing the stakes.
 - c) It is further understood and agreed that subsequent relocation or repair of the FPL system, once installed, will be paid by the Customer if said relocation or repair is a result of a change in the grading by the Customer or any of the Customer's contractors or subcontractors from the time the underground facilities were installed; and, that subsequent repair to FPL's system, once installed, will be paid by the Customer if said repair is a result of damage caused by the Customer or any of the Customer's contractors or subcontractors.
 - d) Provide sufficient and timely advance notice (_____ days) as required by FPL, for FPL to install its underground distribution facilities prior to the installation of paving, landscaping, sodding, sprinkler systems, or other surface obstructions. In the absence of sufficient coordination, as determined by FPL, by the Customer, all additional costs for trenching and backfilling shall be paid by the Customer, and none of the costs of restoring paving, landscaping, grass, sprinkler systems and all other surface obstructions to their original condition, should they be installed prior to FPL's facilities, shall be borne by FPL.

(Continued on Sheet No. 9.702)

(Continued from Sheet No. 9.701)

- e) Pay for all additional costs incurred by FPL which may include, but are not limited to, engineering design administration and relocation expenses, due to changes made subsequent to this agreement on the subdivision or development layout or grade.
- f) Provide applicable trenching, backfilling, and installation of Company provided conduit and other work in accordance with FPL specifications more particularly described on Exhibit B attached hereto. At the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
- g) Provide a meter enclosure, downpipe and ell which meet all applicable codes and FPL specifications and which will accommodate FPL's service cable size and design. These items must be confirmed with FPL prior to purchase. FPL will not be responsible for costs involved in modifying or replacing items which do not meet the above criteria.

9. FPL shall:

- a) Provide the Customer with a plan showing the location of all FPL underground facilities, point of delivery, and transformer locations and specifications required by FPL and to be adhered to by the Customer.
- b) Install, own, and maintain the electric distribution facilities up to the designated point of delivery except when otherwise noted.
- c) Request the Customer to participate in a pre-construction conference with the Customer's contractors, the FPL representatives and other utilities within six (6) weeks of the start of construction. At the pre-construction conference, FPL shall provide the Customer with an estimate of the date when service may be provided.

10. This Agreement is subject to FPL's Electric Tariff, including but not limited to the General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission, as they are now written, or as they may be revised, amended or supplemented.

11. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the Customer and FPL.

The Customer and FPL will coordinate closely in fulfilling obligations in order to avoid delays in providing permanent electric service at the time of the Customer's receipt of a certificate of occupancy.

Accepted:

For FPL (Date)

Accepted:

Customer (Date)

Witness (Date)

Witness (Date)

RESERVED FOR FUTURE USE
UNDERGROUND NEW FACILITIES AGREEMENT

This Agreement, made and entered into this _____ day of _____, _____, by and between _____

(hereinafter called the Applicant) and FLORIDA POWER & LIGHT COMPANY, a corporation organized under the laws of the State of Florida (hereinafter called FPL) is for the provision of underground electric distribution facilities by FPL pursuant to the Applicant's request for such facilities. In consideration of the premises, covenants and agreements set forth herein, FPL and the Applicant agree as follows:

1. The Applicant shall pay FPL a Contribution in Aid Of Construction (CIAC) in the amount of \$ _____ in the event the actual cost of the project contracted for herein, exceeds the CIAC identified above, the Applicant shall pay an additional contribution equal to the lesser of the difference between the actual cost of the project and the CIAC identified above, or 10% of the CIAC identified above.

2. Pursuant to this agreement, the Applicant agrees to comply with and abide by the requirements, terms, and conditions of FPL's Electric Tariff as those requirements, terms, and conditions are set forth in said Tariff.

3. Upon compliance with the requirements, terms, and conditions of FPL's Electric Tariff, FPL will proceed in a timely manner with the installation of underground electric distribution facilities in accordance with the construction drawings and specifications set forth in Attachment A hereto.

4. Failure by the Applicant to comply with any of the requirements, terms, or conditions of this agreement or FPL's Electric Tariff shall result in termination of this agreement. The Applicant may terminate this agreement at any time prior to the start of construction, and the CIAC paid by the Applicant will be refunded to the Applicant, provided however, that the refund of the CIAC shall be offset by any costs incurred by FPL in performing under the agreement up to the date of termination.

5. This agreement is not assignable.

~~IN WITNESS WHEREOF, FPL and the Applicant have executed this Agreement for the provision of underground electric distribution facilities to be effective as of the date first above written.~~

APPLICANT
FPL

Signed _____
Signed _____

Name _____
Name _____

Title _____
Title _____

RESERVED FOR FUTURE USE

UNDERGROUND CONDUIT INSTALLATION AGREEMENT

This Agreement, made this ____ day of _____, _____, by and between _____ (hereinafter called the Customer) and Florida Power & Light Company, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL).

WHEREAS; the Customer has requested the pre-approval of the location and installation of underground distribution facilities to be located in a described FPL easement provided by the Customer.

WITNESSETH

That, for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. _____ The customer shall:
 - a) _____ install conduit, cable markers and associated materials provided by FPL in accordance with the instructions and specifications attached to this Agreement;
 - b) _____ be solely responsible for the installation of conduit at the correct location and the correct depth pursuant to the FPL construction drawing and specifications;
 - c) _____ provide reasonable notification of the conduit installation dates;
 - d) at the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
 - e) _____ provide survey points for FPL to stake the cable route;
 - f) _____ notify FPL when the conduit installation is complete;
 - g) _____ provide "as built" prints within two (2) weeks of final installation;
 - h) _____ provide for pick-up of materials;
 - i) _____ assume liability for materials lost, stolen or damaged once the customer receives material;
 - j) _____ assume liability for any delays and/or additional costs to FPL caused by a conduit installation that is not consistent with the instructions and specifications attached to this agreement.

(Continued on Sheet No. 9.726)

RESERVED FOR FUTURE USE

(Continued from Sheet No. 9.725)

2. ~~FPL shall:~~

- ~~a) provide written instructions and specifications for the installation of FPL provided conduit;~~
- ~~b) provide required material to the Customer for the installation of underground facilities within the specified cable route;~~
- ~~c) provide staking for the Customer along the specified cable route;~~
- ~~d) apply a credit in the amount of \$ _____, in the event that the customer has made or has agreed to make a Contribution in Aid of Construction for the underground distribution facilities associated with this Agreement (if the credit exceeds the contribution, or if no contribution is required, a payment shall be made to the customer);~~
- ~~e) assume no liability for materials lost, stolen or damaged once received by the customer;~~
- ~~f) furnish any additional material at the current cost plus applicable loading and delivery charges;~~
- ~~g) assume no liability for delays caused by material delivery deficiency, including insufficient, lost, stolen or damaged material;~~
- ~~h) assume no liability for delays because of misunderstanding of installation drawings or specifications;~~
- ~~i) assume no liability for delays or additional cost caused by an inadequacy of the conduit system installation;~~
- ~~j) assume no liability for special incidental or consequential damages of any nature.~~

3. ~~This agreement is subject to FPL's General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission.~~

4. ~~Subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company Governmental, FPL's General Rules and Regulations, the Customer agrees to protect, defend, indemnify and hold FPL, its officers, directors, employees, and agents (FPL Entities) free and unharmed from and against any and all claims, liabilities, loss, costs, or damages whatsoever, related to any claim made by tenants, invites, licensees, guests, any other or third parties, including court costs and attorney's fees, whether or not due to or caused in whole or part by the negligence of FPL Entities, resulting from or in connection with the performance of this Agreement by either party hereto~~

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed to be effective as of the day and year written above.


APPLICANT: _____ **FPL:** _____

SIGNED _____ SIGNED _____

NAME _____ NAME _____

TITLE _____ TITLE _____

**UCD
SECTION**



Appendix 1

(Continued from Sheet No. 6.500)

13.2.6 Rights of Way and Easements

The Applicant shall record and furnish satisfactory rights of way and easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, as required by and at no cost to the Company prior to the Company initiating construction. Before the Company will start construction, these rights of way and easements must be cleared by the Applicant of trees, tree stumps and other obstructions that conflict with construction, staked to show property corners and survey control points, and graded to within six inches of final grade, with soil stabilized. In addition, the Applicant shall provide stakes showing final grade along the easement. Such clearing and grading must be maintained by the Applicant during construction by the utility.

13.2.7 Contribution and Credits

The Applicant shall pay the required contribution upon receipt of written notification from the Company. No utility construction shall commence prior to execution of the Underground Distribution Facilities Installation Agreement set forth in Tariff Sheet Nos. 9.700, 9.701 and 9.702 and payment in full of the entire contribution. Where, by mutual agreement, the Applicant performs any of the work normally performed by the Company, the Applicant shall receive a credit for such work in accordance with the credit amounts contained herein, provided that the work is in accordance with Company specifications. The credit will be granted after the work has been inspected by the Company and, in the case of Applicant-installed conduit, after the Company pulls all applicable conductors.

13.2.8 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 and transformers when the design of a commercial/industrial building or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.

13.2.9 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, stump removal, paving, and addressing other special conditions. Should paving, grass, landscaping or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching and backfilling and be responsible for restoration of property damaged to accommodate the installation of underground facilities.

13.2.10 Point of Delivery

The point of delivery shall be determined by the Company, but normally will be at or near the part of the building nearest the point at which the Company's 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 the primary/secondary lateral length, including labor and materials, required in excess of that which would have been needed to reach the Company's designated point of delivery. Any redesignation requested by the Applicant shall conform to good safety and construction practices as determined by the Company. Laterals shall be installed, where possible, in a direct line to the point of delivery.

13.2.11 Location of Meter and Raceway

The Applicant shall install a meter trough at the point designated by the Company and a raceway to accept the service lateral conductors if needed. Both will be installed in accordance with the Company's specifications.

(Continued on Sheet No. 6.520)

(Continued from Sheet No. 6.510)

13.2.12 Contribution by Applicant

The Applicant shall pay the Company the average differential cost between installing overhead and underground distribution facilities based on the following:

- a) Primary lateral, riser (if from overhead termination point), pad mounted transformer and trench with cable-in-conduit not to exceed 150 feet in radials and 300 feet in loops.

	<u>Applicant's Contribution</u>	
	<u>From Overhead Termination Point</u>	<u>From Existing Underground Termination Point</u>
1) Single phase radial	\$ 635.25	N/A
2) Two phase radial	\$ 1,429.34	N/A
3) Three phase radial (150 KVA)	\$ 648.27	N/A
4) Three phase radial (300 KVA)	\$ 0.00	N/A
5) Single phase loop	\$ 1,772.08	\$ 1,101.00
6) Two phase loop	\$ 3,238.17	\$ 2,122.68
7) Three phase loop (150 KVA)	\$ 3,410.44	\$ 2,046.85
8) Three phase loop (300 KVA)	\$ 1,949.57	\$ 585.97

- b) Secondary riser and lateral, excluding handhole or junction box, with connection to Applicant's service cables no greater than 20 feet from Company riser pole.

1) Small single phase	\$ 412.27
2) Large single phase	\$ 710.52
3) Small three phase	\$ 552.81
4) Large three phase	\$ 1,027.63

- c) FPL service cable installed in customer provided and customer installed 2" PVC (for main line switch size limited to 60 amps for 120V, 2 wire service, or 125 amps for 120/240v, 3 wire service) where customer's meter can is at least 5 feet and no more than 100 feet from the FPL pole.

	120v 60 amp 2 wire service	120/240v 125 amp 3 wire service
1) Installed on a wood pole - accessible locations	\$ 426.99	\$ 467.76
2) Installed on a wood pole - inaccessible locations	\$ 493.25	\$ 528.72
3) Installed on a concrete pole - accessible locations	\$ 444.03	\$ 486.19

- d) Handholes and Padmounted Secondary Junction Box, excluding connections.

1) Handhole	
a. Small - per handhole	\$ 152.40
b. Intermediate - per handhole	\$ 183.94
c. Large - per handhole	\$ 566.71

2) Pad Mounted secondary Junction Box – per box	\$ 1,430.36
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- 3) Pad Mounted secondary Junction Cabinet, used when electrical loads exceed the capacity of the secondary junction box (above) or when the number of the service conductors exceed the capacity of the pad mounted transformer. Only applicable if the customer's service conductor diameter is less than 500 MCM.

Per cabinet (includes connecting up to 12 sets of conductor)	\$ 4,854.35
Tapping service conductors (if more than 12 sets) – per set	\$ 51.64

(Continued on Sheet No. 6.530)

(Continued from Sheet No. 6.520)

- e) Primary splice box including splices and cable pulling set-up.
 - 1) Single Phase - per box \$ 990.80
 - 2) Two Phase - per box \$ 1,399.74
 - 3) Three Phase - per box \$ 1,521.54

- f) Additional installation charge for underground primary laterals including trench and cable-in-conduit which exceed the limits set in 13.2.12 a).
 - 1) Single Phase - per foot \$ 1.70
 - 2) Two Phase - per foot \$ 3.46
 - 3) Three Phase - per foot \$ 3.81

- g) Additional installation charge for underground primary laterals including trench and cable-in-conduit extended beyond the Company designated point of delivery to a remote point of delivery.
 - 1) Single Phase - per foot \$ 5.75
 - 2) Two Phase - per foot \$ 8.60
 - 3) Three Phase - per foot \$ 10.04

- h) The above costs are based upon arrangements that will permit serving the local underground distribution system within the commercial/industrial development from overhead feeder mains. If feeder mains within the commercial/industrial development 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 commercial/industrial development and equivalent overhead feeder mains, as follows:

	<u>Applicant's Contribution</u>
Cost per foot of feeder trench within the commercial/industrial development (excluding switches)	\$ 11.56
Cost per switch package	\$20,365.35

- i) The Company will provide one standby/assistance appointment to the Applicant at no charge to assist with installation of the Applicant's conductors and conduit(s) into a padmounted transformer, pedestal or vault (not to exceed four hours in duration) during normal hours of operation. Additional appointments will be provided upon request, at the Applicant's expense.

(Continued on Sheet 6.540)

(Continued from Sheet No. 6.530)

13.2.13 Contribution Adjustments

- | | | |
|----|---|---|
| a) | Credits will be allowed to the Applicant's contribution in Section 13.2.12. where, by mutual agreement, the Applicant provides trenching and backfilling for the Company's facilities. | Credit to the
Applicant's
<u>Contribution</u> |
| | 1) Credit per foot of primary trench | \$2.27 |
| | 2) Credit per foot of secondary trench | \$2.11 |
| b) | Credits will be allowed to the Applicant's contribution in section 13.2.12. where, by mutual agreement, the Applicant installs Company-provided conduit per Company instructions. | |
| | 1) Credit per foot of 2" conduit | \$0.39 |
| | 2) Credit per foot of larger than 2" conduit | \$0.55 |
| c) | Credit will be allowed to the Applicant's contribution in Section 13.2.12. where, by mutual agreement, the Applicant installs a Company-provided handhole per Company instructions, | |
| | 1) Credit per large handhole/primary splice box | \$151.74 |
| | 2) Credit per small handhole | \$ 39.88 |
| d) | Credit will be allowed to the Applicant's contribution in Section 13.2.12. where, by mutual agreement, the Applicant installs a Company-provided concrete pad for a pad-mounted transformer per Company instructions, | |
| | Credit per pad | \$23.46 |
| e) | Credit will be allowed to the Applicant's contribution in Section 13.2.12. where, by mutual agreement, the Applicant installs Company-provided concrete pad for a pad-mounted feeder switch chamber per Company instructions, | |
| | Credit per pad | \$368.32 |
| f) | Credit will be allowed to the Applicant's contribution in Section 13.2.12. where, by mutual agreement, the Applicant installs Company-provided concrete pad for a feeder splice box per Company instructions, | |
| | Credit per splice box | \$575.55 |

UNDERGROUND DISTRIBUTION FACILITIES INSTALLATION AGREEMENT

This Agreement, made this _____ day of _____, _____, by and between _____ (hereinafter called the Customer) and FLORIDA POWER & LIGHT COMPANY, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL).

WITNESSETH:

Whereas, the Customer has applied to FPL for underground distribution facilities to be installed on Customer's property known as _____ located in _____, Florida.
 (City/County)

That for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. The Customer shall pay FPL a Contribution in Aid of Construction of \$_____ (the Contribution) to cover the differential cost between an underground and an overhead system. This is based on the currently effective tariff filed with the Florida Public Service Commission by FPL and is more particularly described on Exhibit A attached hereto.
2. That a credit of \$_____ shall be provided to the Customer for trenching, backfilling, installation of Company provided conduit and other work, as also shown on Exhibit A, if applicable, and approved by FPL.
3. The contribution and credit are subject to adjustment when FPL's tariff is revised by the Florida Public Service Commission and the Customer has requested FPL to delay FPL's scheduled date of installation. Any additional costs caused by a Customer's change in the Customer's plans submitted to FPL on which the contribution was based shall be paid for by the Customer. The contribution does not include the cost of conversion of any existing overhead lines to underground or the relocation of any existing overhead or underground facilities to serve the property identified above.
4. That the Contribution provides for ___/___ volt, ___ phase (120/240 volt, single phase for URD Subdivisions) underground electrical service with facilities located on private property in easements as required by FPL. The contribution is based on employment of rapid production techniques and cooperation to eliminate conflicts with other utilities. Underground service, secondary, and primary conductors are to be of standard FPL design, in conduit, and with above-grade appurtenances.
5. That the payment of the Contribution does not waive any provisions of FPL's Electric Tariff.

If the property is subject to an underground ordinance, FPL shall notify the appropriate governmental agency that satisfactory arrangements have been made with the Customer as specified by FPL.

Title to and ownership of the facilities installed as a result of this agreement shall at all times remain the property of FPL.

6. That good and sufficient easements, including legal descriptions and survey work to produce such easements, and mortgage subordinations required by FPL for the installation and maintenance of its electric distribution facilities must be granted or obtained, and recorded, at no cost to FPL, prior to trenching, installation and/or construction of FPL facilities. FPL may require mortgage subordinations when the Customer's property, on which FPL will install its facilities, is mortgaged and (1) there are no provisions in the mortgage that the lien of the mortgage will be subordinate to utility easements, (2) FPL's easement has not been recorded prior to the recordation of the mortgage, (3) FPL's facilities are or will be used to serve other parcels of property, or (4) other circumstances exist which FPL determines would make such a subordination necessary.
 - a) The Customer shall furnish FPL a copy of the deed or other suitable document which contains a full legal description and exact name of the legal owner to be used when an easement is prepared, as required by FPL.
 - b) The Customer shall furnish drawings, satisfactory to FPL, showing the location of existing and proposed structures on the Customer's construction site, as required by FPL.

(Continued on Sheet No. 9.701)

(Continued from Sheet No. 9.700)

- c) Should for any reason, except for the sole error of FPL, FPL's facilities not be constructed within the easement, FPL may require the Customer to grant new easements and obtain any necessary mortgage subordinations to cover FPL's installed facilities, at no cost to FPL, and FPL will release the existing easement. Mortgage subordinations will be necessary in this context when 1) the Customer's property on which FPL will install its facilities is mortgaged, 2) there are no provisions in the mortgage for subordination of the lien of the mortgage to utility easements, or 3) FPL's facilities are or will be used to serve other parcels of property.
7. Before FPL can begin its engineering work on the underground electric distribution facilities, the Customer shall provide FPL with the following:
 - a) Paving, grading, and drainage plans showing all surface and sub-surface drainage satisfactory to FPL,
 - b) A construction schedule,
 - c) An estimate of when electric service will be required, and
 - d) Copies of the Customer's final construction plans as well as other construction drawings (plot, site, sewage, electrical, etc.) requested by FPL. Plans provided by the Customer must be either recorded by the circuit clerk or other recording officer or prepared and certified as meeting the requirements for recording (except approval by the governing body) by a registered land surveyor.
 8. Prior to FPL construction pursuant to this agreement, the Customer shall:
 - a) Clear the FPL easement on the Customer's property of tree stumps, all trees, and other obstructions that conflict with construction, including the drainage of all flooded areas. The Customer shall be responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. The easement shall be graded to within six inches of final grade with soil stabilized.
 - b) Provide property line and corner stakes, designated by a licensed surveyor, to establish a reference for locating the underground cable trench route in the easement and additional reference points when required by FPL. Also, the Customer shall provide stakes identifying the location, depth, size and type facility of all non-FPL underground facilities within or near the easement where FPL distribution facilities will be installed. The Customer shall maintain these stakes, and if any of these stakes are lost, destroyed or moved and FPL requires their use, the Customer shall replace the stakes at no cost to FPL, unless the stakes are lost, destroyed or moved by an agent, employee, contractor or subcontractor of FPL, in which case FPL will pay the Customer the cost of replacing the stakes.
 - c) It is further understood and agreed that subsequent relocation or repair of the FPL system, once installed, will be paid by the Customer if said relocation or repair is a result of a change in the grading by the Customer or any of the Customer's contractors or subcontractors from the time the underground facilities were installed; and, that subsequent repair to FPL's system, once installed, will be paid by the Customer if said repair is a result of damage caused by the Customer or any of the Customer's contractors or subcontractors.
 - d) Provide sufficient and timely advance notice (_____ days) as required by FPL, for FPL to install its underground distribution facilities prior to the installation of paving, landscaping, sodding, sprinkler systems, or other surface obstructions. In the absence of sufficient coordination, as determined by FPL, by the Customer, all additional costs for trenching and backfilling shall be paid by the Customer, and none of the costs of restoring paving, landscaping, grass, sprinkler systems and all other surface obstructions to their original condition, should they be installed prior to FPL's facilities, shall be borne by FPL.

(Continued on Sheet No. 9.702)

(Continued from Sheet No. 9.701)

- e) Pay for all additional costs incurred by FPL which may include, but are not limited to, engineering design, administration and relocation expenses, due to changes made subsequent to this agreement on the subdivision or development layout or grade.
- f) Provide applicable trenching, backfilling, installation of Company provided conduit and other work in accordance with FPL specifications more particularly described on Exhibit B attached hereto. At the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
- g) Provide a meter enclosure, downpipe and ell which meet all applicable codes and FPL specifications and which will accommodate FPL's service cable size and design. These items must be confirmed with FPL prior to purchase. FPL will not be responsible for costs involved in modifying or replacing items which do not meet the above criteria.

9. FPL shall:

- a) Provide the Customer with a plan showing the location of all FPL underground facilities, point of delivery, and transformer locations and specifications required by FPL and to be adhered to by the Customer.
- b) Install, own, and maintain the electric distribution facilities up to the designated point of delivery except when otherwise noted.
- c) Request the Customer to participate in a pre-construction conference with the Customer's contractors, the FPL representatives and other utilities within six (6) weeks of the start of construction. At the pre-construction conference, FPL shall provide the Customer with an estimate of the date when service may be provided.

10. This Agreement is subject to FPL's Electric Tariff, including but not limited to the General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission, as they are now written, or as they may be revised, amended or supplemented.

11. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the Customer and FPL.

The Customer and FPL will coordinate closely in fulfilling obligations in order to avoid delays in providing permanent electric service at the time of the Customer's receipt of a certificate of occupancy.

Accepted:

For FPL

_____ (Date)

Accepted:

Customer

_____ (Date)

Witness

_____ (Date)

Witness

_____ (Date)

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

RESERVED FOR FUTURE USE

Appendix 2

Appendix No.2
FPL
2005 UCD Tariff
Explanation of Proposed Revisions

This appendix is to summarize proposed revisions to Sections 11 and 13 of FPL's General Rules and Regulations for Electric Service. An explanation of FPL's proposed tariff changes for underground commercial installations can be found in Appendix No.

The following modifications have been made to these sections:

The Third Revised Sheet No. 6.200 sections 11.2.2 and 11.2.3 have been modified to update the name of the Underground Distribution Facilities Installation Agreement (Tariff Sheet Nos. 9.700 through 9.702). Also, the limits of increasing or refunding the CIAC based on actual costs have been removed. In section 11.2.3 the per foot charge for a binding cost estimate deposit has been typographically fixed.

The Third Revised Sheet No. 6.210 sections 11.2.4, 11.2.5, 11.2.6 and 11.2.10 have been modified to update the name of the Underground Distribution Facilities Installation Agreement (Tariff Sheet Nos. 9.700 through 9.702). Section 11.3.6 has the requirement for the Applicant to record any easements obtained added to the Tariff language.

The Second Revised Sheet No. 6.510 section 13.2.7 has been modified to include the requirement of executing the Underground Distribution Facilities Installation Agreement (Tariff Sheet Nos. 9.700 through 9.702).

The Fourth Revised Sheet No. 6.520 section 13.2.12.c has been moved to section 13.2.12.d to insert a new item at section 13.2.12.c. Section 13.2.12.c now includes differential charges for small commercial two-wire and three-wire underground services. Sections 13.2.12.d and 13.2.12.e have been moved to the Fourth Revised Sheet No. 6.530 due to space constraints and have been renumbered to 13.2.12.e and 13.2.12.f, respectively. The updated section 13.2.12.d has a new item #3 for differential charge for padmounted secondary junction cabinets.

The Fourth Revised Sheet No. 6.530 sections 13.2.12.f and 13.2.12.g have been moved to 13.2.12.g and 13.2.12.h, respectively. Section 13.2.12.i has been added to include charges for standby appointment requests for company crews to assist customers. Sections 13.2.13.a, b, c, d, e, f have been moved to Original Sheet No. 6.540 due to space constraints.

Appendix No.2
FPL
2005 UCD Tariff
Explanation of Proposed Revisions

This appendix is to summarize proposed revisions to Sections 11 and 13 of FPL's General Rules and Regulations for Electric Service. An explanation of FPL's proposed tariff changes for underground commercial installations can be found in Appendix No.

The following modifications have been made to these sections:

The Third Revised Sheet No. 9.710 has been deleted and is now reserved for future use. It is intended that the function of the Underground New Facilities Agreement be served through the Underground Distribution Facilities Installation Agreement (Tariff Sheet Nos. 9.700 through 9.702) and its attachments.

Appendix 3



2005 UCD Tariff Basis Design Criteria and Assumptions

I. General

Voltage – 13.2 kV

Overhead Distribution – wood poles

Underground Distribution – Cable-in-Conduit with aluminum conductor XPE-J insulated cables in direct buried conduit with above-grade appurtenances.

II. Overhead Design – Modified Vertical Framing

A. Primary lateral, transformer, and service

	1 Phase	2 Phase	3 Phase (150 KVA)	3 Phase (300 KVA)
Primary Length	150 feet	150 feet	150 feet	150 feet
Primary Conductors	2#1/0 AAAC	3#1/0 AAAC	4#1/0 AAAC	4#1/0 AAAC
Primary Poles	1-40/5	1-40/5	1-45/3	1-45/3
Service Length	50 feet	50 feet	50 feet	50 feet
Service Conductors	#3/0A TPX	336A QPX	2-336A QPX	2-556A QPX
Transformer	50 KVA	50 & 50 KVA	3-50KVA	3-100 KVA
Voltage	120/240V	120/240V	120/208V	120/208V
Manhours	20	29	37	39

B. Secondary/Service Laterals

	Small 1 Phase	Large 1 Phase	Small 3 Phase	Large 3 Phase
Length	50 feet	50 feet	50 feet	50 feet
Conductor	#1/0A TPX	556A QPX	#1/0A QPX	556A QPX
Manhours	1	2	1	2

C. Handholes and Pad Mounted Secondary Junction Box

No Overhead used

D. Primary Splice Box

No Overhead Used

E. Additional Charge for Underground Primary Lateral Exceeding Basic Length

Single Phase	1,200 feet 2#1/0 AAAC, 4 - 40'5 Poles
Two Phase	1,200 feet 3#1/0 AAAC, 4 - 40'5 Poles
Three Phase	1,200 feet 4#1/0 AAAC, 4 - 40'5 Poles

F. Additional Charge for Underground Primary Lateral to a Remote Point of Delivery

No Overhead Used

III. Underground Design Criteria

A.1 Primary lateral, riser, padmounted transformer and trench with Cable in Conduit

	1 Phase	2 Phase	3 Phase	3 Phase
Trench length (radial)	150 feet	150 feet	150 feet	150 feet
Trench length (loop)	300 feet	300 feet	300 feet	300 feet
Trench cover	36 inches	36 inches	36 inches	36 inches
Conductor size	#1/0A 25kV XPE	2#1/0A 25kV XPE	3#1/0A 25kV XPE	3#1/0A 25kV XPE
Conduit Size	1-2 inch	2-2 inch	1-5 inch	1-5 inch
Riser Length	30 feet	30 feet	30 feet	30 feet
Riser Size	2 inch U-guard	5 inch U-guard	5 inch U-guard	5 inch U-guard
Transformer Size	50 KVA	50 & 50 KVA	150 KVA	300 KVA
Voltage	120/240 V	120/240 V	120/208 V	120/208 V
Manhours (radial)	21	30	30	30
Manhours (loop)	28	41	40	40

A.2 Primary lateral, UG source, padmounted transformer and trench with Cable in Conduit

	1 Phase	2 Phase	3 Phase	3 Phase
Trench length	300 feet	300 feet	300 feet	300 feet
Trench cover	36 inches	36 inches	36 inches	36 inches
Conductor size	#1/0A 25kV XPE	2#1/0A 25kV XPE	3#1/0A 25kV XPE	3#1/0A 25kV XPE
Conduit Size	1-2 inch	2-2 inch	1-5 inch	1-5 inch
Transformer Size	50 KVA	50 & 50 KVA	150 KVA	300 KVA
Voltage	120/240 V	120/240 V	120/208 V	120/208 V
Manhours	22	32	31	31

B. Secondary/Service lateral and riser with multiple connectors.

	Small 1 Phase	Large 1 Phase	Small 3 Phase	Large 3 Phase
Trench length	10 feet	10 feet	10 feet	10 feet
Trench cover	24 inch	24 inch	24 inch	24 inch
Conductor Size	#4/0A TPX	3-750A	#4/0A QPX	4-750A
Conduit size	2 inch	5 inch	5 inch	5 inch
Riser length	30 feet	30 feet	30 feet	30 feet
Riser size	2 inch U-guard	5 inch U-guard	5 inch U-guard	5 inch U-guard
Manhours	3.8	4.7	4.5	5.7

C. Handholes and Padmounted Secondary Junction Box and Cabinet

- Small handhole - 24 inch handhole
- Intermediate Handhole - 30 inch handhole
- Large Handhole - 48 inch handhole
- Secondary Junction box - Replacement cabinet and Connectors per I - 74.1
- Sec. Junction Cabinet - Three-Phase Secondary Cabinet and Connectors (22-Port) per I - 75.0.0

D. Primary Splice Box

- Single Phase - 48" handhole with one molded splice and one pull set-up and basket
- Two Phase - 48" handhole with two molded splices and two pull set-ups and baskets
- Three Phase - 48" handhole with three molded splices and one pull set-up and basket

E. Additional Charge for Underground Primary Lateral Exceeding Basic Length

- Single Phase – 1,200 feet 1#1/0A 25KV XPE, 1-2 inch pvc, 36 inch trench, pull labor
- Two Phase - 1200 feet 2#1/0A 25kv XPE, 2-2 inch PVC, 36 inch trench, pull labor
- Three Phase – 1,200 feet 3#1/0A 25KV XPE, 1-5 inch pvc, 36 inch trench, pull labor

F. Additional charge for Underground Primary Lateral to a Remote Point of Delivery

- Single Phase - 1200 feet 1#1/0A 25kv XPE, 1-2 inch PVC, 36 inch trench, pull labor
- Two Phase - 1200 feet 2#1/0A 25kv XPE, 2-2 inch PVC, 36 inch trench, pull labor
- Three Phase -1200 feet 3#1/0A 25kv XPE, 1-5 inch PVC, 36 inch trench, pull labor

FPL

Basis for Underground Commercial Distribution Differential

New Underground Commercial Development with Overhead Feeder Mains. The average differential costs for Underground Commercial Distribution stated in the FPL rules and Regulations were derived from cost estimates of underground commercial facilities and their equivalent overhead designs. These estimates employed the standard Company design and estimating practices and the system-
#REF!

Primary Voltage	13,200/7,620 V
Phases, Secondary Voltage	Single Phase, 120/240 V Three phase, 120/240 V Three phase, 120/208 V Three phase, 277/480 V
Underground Design	All cable-in-conduit
Overhead Design	Wood Poles

OVERHEAD VS. UNDERGROUND
SUMMARY SHEET
COST PER TRANSFORMER BANK -
SINGLE PHASE RADIAL PAD MOUNTED TRANSFORMER
INCLUDING RISER AND PRIMARY LATERAL TRENCH
WITH CABLE-IN-CONDUIT

2005

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,006.97	\$1,894.99	(\$111.98)
MATERIAL	\$1,734.52	\$2,481.75	\$747.23
TOTAL	\$3,741.49	\$4,376.74	\$635.25

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$66.23	\$95.60	\$161.83
Primary	\$181.62	\$466.37	\$647.99
Secondary	\$181.62	\$388.65	\$570.27
Poles	\$344.84	\$586.85	\$931.69
Transformers	\$600.99	\$150.78	\$751.77
Sub-Total	\$1,375.30	\$1,688.25	\$3,063.55
Stores Handling(2)	\$83.76	\$0.00	\$83.76
SubTotal	\$1,459.06	\$1,688.25	\$3,147.31
Engineering(4)	\$275.46	\$318.72	\$594.18
TOTAL	\$1,734.52	\$2,006.97	\$3,741.49

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See appendix B, page 1, IIA, single phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE RADIAL PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$692.53	\$1,135.52	\$1,828.05
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,275.26	\$95.21	\$1,370.47
Trenching	\$0.00	\$363.32	\$363.32
Sub-Total	\$1,967.79	\$1,594.05	\$3,561.84
Stores Handling(2)	\$119.84	\$0.00	\$119.84
SubTotal	\$2,087.63	\$1,594.05	\$3,681.68
Engineering(4)	\$394.12	\$300.94	\$695.06
TOTAL	\$2,481.75	\$1,894.99	\$4,376.74

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, single phase, for design criteria and assumptions

OVERHEAD VS. UNDERGROUND
SUMMARY SHEET
COST PER TRANSFORMER BANK -
TWO PHASE RADIAL PAD MOUNTED TRANSFORMER
INCLUDING RISER AND PRIMARY LATERAL TRENCH.
WITH CABLE-IN-CONDUIT
2005

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,916.28	\$2,825.68	(\$90.60)
MATERIAL	\$3,254.72	\$4,774.66	\$1,519.94
TOTAL	\$6,171.00	\$7,600.34	\$1,429.34

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$145.31	\$138.33	\$283.64
Primary	\$419.66	\$911.93	\$1,331.59
Secondary	\$209.91	\$379.98	\$589.89
Poles	\$603.84	\$721.35	\$1,325.19
Transformers	\$1,201.96	\$301.56	\$1,503.52
Sub-Total	\$2,580.68	\$2,453.15	\$5,033.83
Stores Handling(2)	\$157.16	\$0.00	\$157.16
SubTotal	\$2,737.84	\$2,453.15	\$5,190.99
Engineering(4)	\$516.88	\$463.13	\$980.01
TOTAL	\$3,254.72	\$2,916.28	\$6,171.00

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, two phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE RADIAL PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,380.77	\$1,260.61	\$2,641.38
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$2,405.07	\$753.01	\$3,158.08
Trenching	\$0.00	\$363.32	\$363.32
Sub-Total	\$3,785.84	\$2,376.94	\$6,162.78
Stores Handling(2)	\$230.56	\$0.00	\$230.56
SubTotal	\$4,016.40	\$2,376.94	\$6,393.34
Engineering(4)	\$758.26	\$448.74	\$1,207.00
TOTAL	\$4,774.66	\$2,825.68	\$7,600.34

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, two phase for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK - 300 KVA****THREE PHASE RADIAL PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,023.75	\$2,843.79	(\$1,179.96)
MATERIAL	\$7,912.72	\$8,124.20	\$211.48
TOTAL	\$11,936.47	\$10,967.99	(\$968.48)

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK - 150 KVA****THREE PHASE RADIAL PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,990.14	\$2,939.14	(\$1,051.00)
MATERIAL	\$5,299.54	\$6,998.81	\$1,699.27
TOTAL	\$9,289.68	\$9,937.95	\$648.27

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE (300 KVA)****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$552.54	\$480.51	\$1,033.05
Primary	\$698.22	\$1,334.24	\$2,032.46
Secondary	\$232.79	\$370.63	\$603.42
Poles	\$983.37	\$747.03	\$1,730.40
Transformers	\$3,807.10	\$452.33	\$4,259.43
Sub-Total	\$6,274.02	\$3,384.74	\$9,658.76
Stores Handling(2)	\$382.09	\$0.00	\$382.09
SubTotal	\$6,656.11	\$3,384.74	\$10,040.85
Engineering(4)	\$1,256.61	\$639.01	\$1,895.62
TOTAL	\$7,912.72	\$4,023.75	\$11,936.47

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, three phase (300 kva) for design criteria and assumptions

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE (150 KVA)****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$451.88	\$395.70	\$847.58
Primary	\$665.84	\$1,378.49	\$2,044.33
Secondary	\$222.01	\$382.92	\$604.93
Poles	\$895.94	\$747.03	\$1,642.97
Transformers	\$1,966.36	\$452.33	\$2,418.69
Sub-Total	\$4,202.03	\$3,356.47	\$7,558.50
Stores Handling(2)	\$255.90	\$0.00	\$255.90
SubTotal	\$4,457.93	\$3,356.47	\$7,814.40
Engineering(4)	\$841.61	\$633.67	\$1,475.28
TOTAL	\$5,299.54	\$3,990.14	\$9,289.68

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE RADIAL PAD MOUNTED TRANSFORMER 300 KVA****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,857.57	\$1,926.12	\$3,783.69
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$4,584.14	\$102.73	\$4,686.87
Trenching	\$0.00	\$363.32	\$363.32
Sub-Total	\$6,441.71	\$2,392.17	\$8,833.88
Stores Handling(2)	\$392.30	\$0.00	\$392.30
SubTotal	\$6,834.01	\$2,392.17	\$9,226.18
Engineering(4)	\$1,290.19	\$451.62	\$1,741.81
TOTAL	\$8,124.20	\$2,843.79	\$10,967.99

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, three phase (300 KVA) for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE RADIAL PAD MOUNTED TRANSFORMER 150 KVA****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,872.89	\$2,006.33	\$3,879.22
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$3,676.49	\$102.73	\$3,779.22
Trenching	\$0.00	\$363.32	\$363.32
Sub-Total	\$5,549.38	\$2,472.38	\$8,021.76
Stores Handling(2)	\$337.96	\$0.00	\$337.96
SubTotal	\$5,887.34	\$2,472.38	\$8,359.72
Engineering(4)	\$1,111.47	\$466.76	\$1,578.23
TOTAL	\$6,998.81	\$2,939.14	\$9,937.95

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE RADIAL PAD MOUNTED TRANSFORMER 150 KVA****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,872.89	\$2,006.33	\$3,879.22
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$3,676.49	\$102.73	\$3,779.22
Trenching	\$0.00	\$363.32	\$363.32
Sub-Total	\$5,549.38	\$2,472.38	\$8,021.76
Stores Handling(2)	\$337.96	\$0.00	\$337.96
SubTotal	\$5,887.34	\$2,472.38	\$8,359.72
Engineering(4)	\$1,111.47	\$466.76	\$1,578.23
TOTAL	\$6,998.81	\$2,939.14	\$9,937.95

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****SINGLE PHASE LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,006.97	\$2,703.32	\$696.35
MATERIAL	\$1,734.52	\$2,810.25	\$1,075.73
TOTAL	\$3,741.49	\$5,513.57	\$1,772.08

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$66.23	\$95.60	\$161.83
Primary	\$181.62	\$466.37	\$647.99
Secondary	\$181.62	\$388.65	\$570.27
Poles	\$344.84	\$586.85	\$931.69
Transformers	\$600.99	\$150.78	\$751.77
Sub-Total	\$1,375.30	\$1,688.25	\$3,063.55
Stores Handling(2)	\$83.76	\$0.00	\$83.76
SubTotal	\$1,459.06	\$1,688.25	\$3,147.31
Engineering(4)	\$275.46	\$318.72	\$594.18
TOTAL	\$1,734.52	\$2,006.97	\$3,741.49

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

5 - See Appendix B, page 1, IIA, Single Phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$953.00	\$1,452.16	\$2,405.16
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,275.26	\$95.21	\$1,370.47
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$2,228.26	\$2,274.01	\$4,502.27
Stores Handling(2)	\$135.70	\$0.00	\$135.70
SubTotal	\$2,363.96	\$2,274.01	\$4,637.97
Engineering(4)	\$446.29	\$429.31	\$875.60
TOTAL	\$2,810.25	\$2,703.32	\$5,513.57

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, single phase (loop), for design criteria and assumptions

OVERHEAD VS. UNDERGROUND
SUMMARY SHEET
COST PER TRANSFORMER BANK -
TWO PHASE LOOP PAD MOUNTED TRANSFORMER
INCLUDING RISER AND PRIMARY LATERAL TRENCH
WITH CABLE-IN-CONDUIT
2005

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,916.28	\$3,943.70	\$1,027.42
MATERIAL	\$3,254.72	\$5,465.47	\$2,210.75
TOTAL	\$6,171.00	\$9,409.17	\$3,238.17

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$145.31	\$138.33	\$283.64
Primary	\$419.66	\$911.93	\$1,331.59
Secondary	\$209.91	\$379.98	\$589.89
Poles	\$603.84	\$721.35	\$1,325.19
Transformers	\$1,201.96	\$301.56	\$1,503.52
Sub-Total	\$2,580.68	\$2,453.15	\$5,033.83
Stores Handling(2)	\$157.16	\$0.00	\$157.16
SubTotal	\$2,737.84	\$2,453.15	\$5,190.99
Engineering(4)	\$516.88	\$463.13	\$980.01
TOTAL	\$3,254.72	\$2,916.28	\$6,171.00

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, two phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,934.16	\$1,662.22	\$3,596.38
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$2,399.43	\$928.55	\$3,327.98
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$4,333.59	\$3,317.41	\$7,651.00
Stores Handling(2)	\$263.92	\$0.00	\$263.92
SubTotal	\$4,597.51	\$3,317.41	\$7,914.92
Engineering(4)	\$867.96	\$626.29	\$1,494.25
TOTAL	\$5,465.47	\$3,943.70	\$9,409.17

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, two phase (loop)for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****THREE PHASE 150 KVA LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,990.14	\$3,956.94	(\$33.20)
MATERIAL	\$5,299.54	\$8,743.18	\$3,443.64
TOTAL	\$9,289.68	\$12,700.12	\$3,410.44

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****THREE PHASE 300 KVA LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,023.75	\$3,956.94	(\$66.81)
MATERIAL	\$7,912.72	\$9,929.10	\$2,016.38
TOTAL	\$11,936.47	\$13,886.04	\$1,949.57

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK

THREE PHASE PRIMARY LATERAL POLE LINE

INCLUDING TRANSFORMER AND SERVICE (150 KVA)

2005

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$451.88	\$395.70	\$847.58
Primary	\$665.84	\$1,378.49	\$2,044.33
Secondary	\$222.01	\$382.92	\$604.93
Poles	\$895.94	\$747.03	\$1,642.97
Transformers	\$1,966.36	\$452.33	\$2,418.69
Sub-Total	\$4,202.03	\$3,356.47	\$7,558.50
Stores Handling(2)	\$255.90	\$0.00	\$255.90
SubTotal	\$4,457.93	\$3,356.47	\$7,814.40
Engineering(4)	\$841.61	\$633.67	\$1,475.28
TOTAL	\$5,299.54	\$3,990.14	\$9,289.68

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER (300 TOTAL KVA) AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$552.54	\$480.51	\$1,033.05
Primary	\$698.22	\$1,334.24	\$2,032.46
Secondary	\$232.79	\$370.63	\$603.42
Poles	\$983.37	\$747.03	\$1,730.40
Transformers	\$3,807.10	\$452.33	\$4,259.43
Sub-Total	\$6,274.02	\$3,384.74	\$9,658.76
Stores Handling(2)	\$382.09	\$0.00	\$382.09
SubTotal	\$6,656.11	\$3,384.74	\$10,040.85
Engineering(4)	\$1,256.61	\$639.01	\$1,895.62
TOTAL	\$7,912.72	\$4,023.75	\$11,936.47

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, 3 phase (300 KVA) for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE 150 KVA LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,804.39	\$2,499.17	\$5,303.56
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$4,128.11	\$102.73	\$4,230.84
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$6,932.50	\$3,328.54	\$10,261.04
Stores Handling(2)	\$422.19	\$0.00	\$422.19
SubTotal	\$7,354.69	\$3,328.54	\$10,683.23
Engineering(4)	\$1,388.49	\$628.40	\$2,016.89
TOTAL	\$8,743.18	\$3,956.94	\$12,700.12

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, three phase (300kva-loop) for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE 300 KVA LOOP PAD MOUNTED TRANSFORMER****INCLUDING RISER AND PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,804.39	\$2,499.17	\$5,303.56
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$5,068.43	\$102.73	\$5,171.16
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$7,872.82	\$3,328.54	\$11,201.36
Stores Handling(2)	\$479.45	\$0.00	\$479.45
SubTotal	\$8,352.27	\$3,328.54	\$11,680.81
Engineering(4)	\$1,576.83	\$628.40	\$2,205.23
TOTAL	\$9,929.10	\$3,956.94	\$13,886.04

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, three phase (300kva-loop) for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****SINGLE PHASE LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,006.97	\$2,168.78	\$161.81
MATERIAL	\$1,734.52	\$2,673.71	\$939.19
TOTAL	\$3,741.49	\$4,842.49	\$1,101.00

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$66.23	\$95.60	\$161.83
Primary	\$181.62	\$466.37	\$647.99
Secondary	\$181.62	\$388.65	\$570.27
Poles	\$344.84	\$586.85	\$931.69
Transformers	\$600.99	\$150.78	\$751.77
Sub-Total	\$1,375.30	\$1,688.25	\$3,063.55
Stores Handling(2)	\$83.76	\$0.00	\$83.76
SubTotal	\$1,459.06	\$1,688.25	\$3,147.31
Engineering(4)	\$275.46	\$318.72	\$594.18
TOTAL	\$1,734.52	\$2,006.97	\$3,741.49

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA single phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL AND TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$844.73	\$1,002.51	\$1,847.24
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,275.26	\$95.21	\$1,370.47
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$2,119.99	\$1,824.36	\$3,944.35
Stores Handling(2)	\$129.11	\$0.00	\$129.11
SubTotal	\$2,249.10	\$1,824.36	\$4,073.46
Engineering(4)	\$424.61	\$344.42	\$769.03
TOTAL	\$2,673.71	\$2,168.78	\$4,842.49

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, single phase (loop), for design criteria and assumptions. Riser length and riser size are not applicable.

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****TWO PHASE LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,916.28	\$3,179.28	\$263.00
MATERIAL	\$3,254.72	\$5,114.40	\$1,859.68
TOTAL	\$6,171.00	\$8,293.68	\$2,122.68

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$145.31	\$138.33	\$283.64
Primary	\$419.66	\$911.93	\$1,331.59
Secondary	\$209.91	\$379.98	\$589.89
Poles	\$603.84	\$721.35	\$1,325.19
Transformers	\$1,201.96	\$301.56	\$1,503.52
Sub-Total	\$2,580.68	\$2,453.15	\$5,033.83
Stores Handling(2)	\$157.16	\$0.00	\$157.16
SubTotal	\$2,737.84	\$2,453.15	\$5,190.99
Engineering(4)	\$516.88	\$463.13	\$980.01
TOTAL	\$3,254.72	\$2,916.28	\$6,171.00

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, two phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,653.54	\$1,126.10	\$2,779.64
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$2,401.69	\$821.64	\$3,223.33
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$4,055.23	\$2,674.38	\$6,729.61
Stores Handling(2)	\$246.96	\$0.00	\$246.96
SubTotal	\$4,302.19	\$2,674.38	\$6,976.57
Engineering(4)	\$812.21	\$504.90	\$1,317.11
TOTAL	\$5,114.40	\$3,179.28	\$8,293.68

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: Appendix B, page 2, IIIA, two phase (loop), for design criteria and assumptions. Riser length and riser size are not applicable.

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****THREE PHASE 150 KVA LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,990.14	\$3,018.72	(\$971.42)
MATERIAL	\$5,299.54	\$8,317.81	\$3,018.27
TOTAL	\$9,289.68	\$11,336.53	\$2,046.85

OVERHEAD VS. UNDERGROUNDSUMMARY SHEETCOST PER TRANSFORMER BANK -THREE PHASE 300 KVA LOOP PAD MOUNTED TRANSFORMERFROM EXISTING UNDERGROUND TERMINATION POINTINCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT2005

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,023.75	\$3,018.72	(\$1,005.03)
MATERIAL	\$7,912.72	\$9,503.72	\$1,591.00
TOTAL	\$11,936.47	\$12,522.44	\$585.97

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER (150 TOTAL KVA) AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$451.88	\$395.70	\$847.58
Primary	\$665.84	\$1,378.49	\$2,044.33
Secondary	\$222.01	\$382.92	\$604.93
Poles	\$895.94	\$747.03	\$1,642.97
Transformers	\$1,966.36	\$452.33	\$2,418.69
Sub-Total	\$4,202.03	\$3,356.47	\$7,558.50
Stores Handling(2)	\$255.90	\$0.00	\$255.90
SubTotal	\$4,457.93	\$3,356.47	\$7,814.40
Engineering(4)	\$841.61	\$633.67	\$1,475.28
TOTAL	\$5,299.54	\$3,990.14	\$9,289.68

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, three phase (150 KVA), for design criteria and assumptions

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER (300 TOTAL KVA) AND SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$552.54	\$480.51	\$1,033.05
Primary	\$698.22	\$1,334.24	\$2,032.46
Secondary	\$232.79	\$370.63	\$603.42
Poles	\$983.37	\$747.03	\$1,730.40
Transformers	\$3,807.10	\$452.33	\$4,259.43
Sub-Total	\$6,274.02	\$3,384.74	\$9,658.76
Stores Handling(2)	\$382.09	\$0.00	\$382.09
SubTotal	\$6,656.11	\$3,384.74	\$10,040.85
Engineering(4)	\$1,256.61	\$639.01	\$1,895.62
TOTAL	\$7,912.72	\$4,023.75	\$11,936.47

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIA, three phase (300 KVA), for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE LOOP PAD MOUNTED TRANSFORMER (150 KVA)****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,467.11	\$1,709.95	\$4,177.06
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$4,128.11	\$102.73	\$4,230.84
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$6,595.22	\$2,539.32	\$9,134.54
Stores Handling(2)	\$401.65	\$0.00	\$401.65
SubTotal	\$6,996.87	\$2,539.32	\$9,536.19
Engineering(4)	\$1,320.94	\$479.40	\$1,800.34
TOTAL	\$8,317.81	\$3,018.72	\$11,336.53

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, three phase (150kva-loop) for design criteria and assumptions. Riser length and riser size are not applicable.

UNDERGROUND MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE LOOP PAD MOUNTED TRANSFORMER (300 KVA)****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,467.11	\$1,709.95	\$4,177.06
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$5,068.43	\$102.73	\$5,171.16
Trenching	\$0.00	\$726.64	\$726.64
Sub-Total	\$7,535.54	\$2,539.32	\$10,074.86
Stores Handling(2)	\$458.91	\$0.00	\$458.91
SubTotal	\$7,994.45	\$2,539.32	\$10,533.77
Engineering(4)	\$1,509.27	\$479.40	\$1,988.67
TOTAL	\$9,503.72	\$3,018.72	\$12,522.44

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIIA, three phase (300kva-loop) for design criteria and assumptions. Riser length and riser size are not applicable.

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER RISER -****SMALL SINGLE PHASE RISER****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$113.65	\$376.10	\$262.45
MATERIAL	\$57.15	\$206.97	\$149.82
TOTAL	\$170.80	\$583.07	\$412.27

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**SINGLE PHASE SMALL SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$45.31	\$95.60	\$140.91
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$0.00	\$0.00	\$0.00
Poles	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$45.31	\$95.60	\$140.91
Stores Handling(2)	\$2.76	\$0.00	\$2.76
SubTotal	\$48.07	\$95.60	\$143.67
Engineering(4)	\$9.08	\$18.05	\$27.13
TOTAL	\$57.15	\$113.65	\$170.80

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, B, small single phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**SMALL SINGLE PHASE RISER****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$164.11	\$316.37	\$480.48
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$164.11	\$316.37	\$480.48
Stores Handling(2)	\$9.99	\$0.00	\$9.99
SubTotal	\$174.10	\$316.37	\$490.47
Engineering(4)	\$32.87	\$59.73	\$92.60
TOTAL	\$206.97	\$376.10	\$583.07

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIB, small single phase, for design criteria and assumptions

EXHIBIT XXX

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER RISER -****LARGE SINGLE PHASE RISER****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$241.66	\$465.66	\$224.00
MATERIAL	\$286.38	\$772.90	\$486.52
TOTAL	\$528.04	\$1,238.56	\$710.52

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**SINGLE PHASE LARGE SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$227.07	\$203.28	\$430.35
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$0.00	\$0.00	\$0.00
Poles	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$227.07	\$203.28	\$430.35
Stores Handling(2)	\$13.83	\$0.00	\$13.83
SubTotal	\$240.90	\$203.28	\$444.18
Engineering(4)	\$45.48	\$38.38	\$83.86
TOTAL	\$286.38	\$241.66	\$528.04

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIB, large single phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**LARGE SINGLE PHASE RISER****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$612.84	\$391.71	\$1,004.55
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$612.84	\$391.71	\$1,004.55
Stores Handling(2)	\$37.32	\$0.00	\$37.32
SubTotal	\$650.16	\$391.71	\$1,041.87
Engineering(4)	\$122.74	\$73.95	\$196.69
TOTAL	\$772.90	\$465.66	\$1,238.56

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIB, large single phase, for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER RISER -****SMALL THREE PHASE RISER****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$142.88	\$447.39	\$304.51
MATERIAL	\$75.87	\$324.17	\$248.30
TOTAL	\$218.75	\$771.56	\$552.81

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**THREE PHASE SMALL SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$60.16	\$120.19	\$180.35
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$0.00	\$0.00	\$0.00
Poles	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$60.16	\$120.19	\$180.35
Stores Handling(2)	\$3.66	\$0.00	\$3.66
SubTotal	\$63.82	\$120.19	\$184.01
Engineering(4)	\$12.05	\$22.69	\$34.74
TOTAL	\$75.87	\$142.88	\$218.75

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIB, small three phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**SMALL THREE PHASE RISER****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$257.04	\$376.34	\$633.38
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$257.04	\$376.34	\$633.38
Stores Handling(2)	\$15.65	\$0.00	\$15.65
SubTotal	\$272.69	\$376.34	\$649.03
Engineering(4)	\$51.48	\$71.05	\$122.53
TOTAL	\$324.17	\$447.39	\$771.56

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIB, small three phase, for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER RISER -****LARGE THREE PHASE RISER****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$241.66	\$568.61	\$326.95
MATERIAL	\$286.38	\$987.06	\$700.68
TOTAL	\$528.04	\$1,555.67	\$1,027.63

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**THREE PHASE LARGE SERVICE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$227.07	\$203.28	\$430.35
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$0.00	\$0.00	\$0.00
Poles	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$227.07	\$203.28	\$430.35
Stores Handling(2)	\$13.83	\$0.00	\$13.83
SubTotal	\$240.90	\$203.28	\$444.18
Engineering(4)	\$45.48	\$38.38	\$83.86
TOTAL	\$286.38	\$241.66	\$528.04

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 1, IIB, large three phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**LARGE THREE PHASE RISER****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$782.65	\$478.31	\$1,260.96
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$782.65	\$478.31	\$1,260.96
Stores Handling(2)	\$47.66	\$0.00	\$47.66
SubTotal	\$830.31	\$478.31	\$1,308.62
Engineering(4)	\$156.75	\$90.30	\$247.05
TOTAL	\$987.06	\$568.61	\$1,555.67

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIB, large three phase, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**SMALL HANDHOLE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$80.70	\$42.59	\$123.29
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$80.70	\$42.59	\$123.29
Stores Handling(2)	\$4.91	\$0.00	\$4.91
SubTotal	\$85.61	\$42.59	\$128.20
Engineering(4)	\$16.16	\$8.04	\$24.20
TOTAL	\$101.77	\$50.63	\$152.40

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIC, small handhole, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**INTERMEDIATE HANDHOLE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$105.70	\$42.59	\$148.29
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$105.70	\$42.59	\$148.29
Stores Handling(2)	\$6.44	\$0.00	\$6.44
SubTotal	\$112.14	\$42.59	\$154.73
Engineering(4)	\$21.17	\$8.04	\$29.21
TOTAL	\$133.31	\$50.63	\$183.94

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIC, intermediate handhole for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**LARGE HANDHOLE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$296.61	\$162.04	\$458.65
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$296.61	\$162.04	\$458.65
Stores Handling(2)	\$18.06	\$0.00	\$18.06
SubTotal	\$314.67	\$162.04	\$476.71
Engineering(4)	\$59.41	\$30.59	\$90.00
TOTAL	\$374.08	\$192.63	\$566.71

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIC, large handhole for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER RISER**PADMOUNTED SECONDARY JUNCTION BOX****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$902.49	\$245.75	\$1,148.24
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$902.49	\$245.75	\$1,148.24
Stores Handling(2)	\$54.96	\$0.00	\$54.96
SubTotal	\$957.45	\$245.75	\$1,203.20
Engineering(4)	\$180.76	\$46.40	\$227.16
TOTAL	\$1,138.21	\$292.15	\$1,430.36

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Apendix B, page 3, IIIC, secondary junction box, for design criteria and assumptions

EXHIBIT XLII (A)

UNDERGROUND MATERIAL AND LABOR COST PER CABINET**PADMOUNTED SECONDARY JUNCTION CABINET****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$2,658.66	\$234.02	\$2,892.68
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$2,658.66	\$234.02	\$2,892.68
Stores Handling(2)	\$161.91	\$0.00	\$161.91
SubTotal	\$2,820.57	\$234.02	\$3,054.59
Engineering(4)	\$532.50	\$44.18	\$576.68
TOTAL	\$3,353.07	\$278.20	\$3,631.27

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Apendix B, page 3, IIC, secondary junction cabinet, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER CABINET
PADMOUNTED SECONDARY JUNCTION CABINET
SECONDARY CONDUCTORS AND SERVICE TAPS

2005

ITEM	MATERIAL(1)	LABOR(2)	TOTAL
350 MCM Al Wire (per set) \$	77.00	\$0.00	\$77.00
500 MCM Cu Wire (per set) \$	329.20	\$0.00	\$329.20
750 MCM Al Wire (per set) \$	139.60	\$0.00	\$139.60
750 MCM Cu Wire (per set) \$	482.20	\$0.00	\$482.20
Pull Setup (one per cab)	\$0.00 \$	106.24	\$106.24
Pulling Cable (per set)	\$0.00 \$	45.52	\$45.52
Tap Wires in Transformer and Cabinet (per set)	\$0.00 \$	103.28	\$103.28

Usage Statistics

350 MCM Al Wire	0%
500 MCM CU Wire	25%
750 MCM Al Wire	50%
750 MCM Cu Wire	25%

Weighted Cost of Wire **\$272.65**

Number of Sets

1 Set	15%
2 Sets	30%
3 Sets	30%
4 Sets	25%

Weighted Pulling Cost	\$0.00	\$226.87
Weighted Wire Subtotal	\$722.52	\$273.69

Total Cost of Secondary **\$1,223.08**

The first 12 sets of service conductors will be tapped, since they are included in a standard transformer installation (750 KVA or greater). Any sets greater than 12 will incur a differential cost per set: **\$51.64**

1 - Includes Sales Tax, 6.09 % Stores Loading of All Material, and 18.879% Engineering Overhead of all Material.

2 - Includes Payroll, Taxes, Insurance, P&W, & Transportation, and 18.879% Engineering Overhead of all Labor.

3 - 8 foot spacing between cabinet and transformer needs 20' of conductor per set.

4 - Usage statistics based on all new installations during 2003 & 2004.

UNDERGROUND MATERIAL AND LABOR COST PER HANDHOLE**SINGLE PHASE PRIMARY 48" SPLICE BOX****WITH SPLICES AND PULL LABOR****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$362.83	\$448.52	\$811.35
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$362.83	\$448.52	\$811.35
Stores Handling(2)	\$22.10	\$0.00	\$22.10
SubTotal	\$384.93	\$448.52	\$833.45
Engineering(4)	\$72.67	\$84.68	\$157.35
TOTAL	\$457.60	\$533.20	\$990.80

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIID, single phase primary 48" splice box, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER HANDHOLE**TWO PHASE PRIMARY 48" SPLICE BOX****WITH SPLICES AND PULL LABOR****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$417.05	\$735.00	\$1,152.05
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$417.05	\$735.00	\$1,152.05
Stores Handling(2)	\$25.40	\$0.00	\$25.40
SubTotal	\$442.45	\$735.00	\$1,177.45
Engineering(4)	\$83.53	\$138.76	\$222.29
TOTAL	\$525.98	\$873.76	\$1,399.74

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIID, two phase primary 48" splice box for design criteria and assumptions

EXHIBIT XLIV

UNDERGROUND MATERIAL AND LABOR COST PER HANDHOLE**THREE PHASE PRIMARY 48" SPLICE BOX****WITH SPLICES AND PULL LABOR****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$476.62	\$774.26	\$1,250.88
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$476.62	\$774.26	\$1,250.88
Stores Handling(2)	\$29.03	\$0.00	\$29.03
SubTotal	\$505.65	\$774.26	\$1,279.91
Engineering(4)	\$95.46	\$146.17	\$241.63
TOTAL	\$601.11	\$920.43	\$1,521.54

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIID, three phase 48" primary splice box for design criteria and assumptions

EXHIBIT XLV

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER FOOT -****SINGLE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,065.50	\$4,498.86	\$1,433.36
MATERIAL	\$1,796.23	\$2,399.41	\$603.18
TOTAL	\$4,861.73	\$6,898.27	\$2,036.54
PER FOOT TOTAL	\$4.05	\$5.75	\$1.70

OVERHEAD MATERIAL AND LABOR COST PER FOOTSINGLE PHASE PRIMARY LATERAL POLE LINE2005

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$301.09	\$790.72	\$1,091.81
Secondary	\$301.09	\$790.72	\$1,091.81
Poles	\$822.05	\$997.23	\$1,819.28
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$1,424.23	\$2,578.67	\$4,002.90
Stores Handling(2)	\$86.74	\$0.00	\$86.74
SubTotal	\$1,510.97	\$2,578.67	\$4,089.64
Engineering(4)	\$285.26	\$486.83	\$772.09
TOTAL	\$1,796.23	\$3,065.50	\$4,861.73

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIE, single phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**SINGLE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,902.50	\$877.82	\$2,780.32
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$1,902.50	\$3,784.40	\$5,686.90
Stores Handling(2)	\$115.86	\$0.00	\$115.86
SubTotal	\$2,018.36	\$3,784.40	\$5,802.76
Engineering(4)	\$381.05	\$714.46	\$1,095.51
TOTAL	\$2,399.41	\$4,498.86	\$6,898.27
PER FOOT TOTAL	\$2.00	\$3.75	\$5.75

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, III E, single phase for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER FOOT -****TWO PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,912.84	\$5,521.55	\$1,608.71
MATERIAL	\$2,256.68	\$4,798.85	\$2,542.17
TOTAL	\$6,169.52	\$10,320.40	\$4,150.88
PER FOOT TOTAL	\$5.14	\$8.60	\$3.46

OVERHEAD MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL POLE LINE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$617.84	\$1,529.48	\$2,147.32
Secondary	\$308.93	\$764.74	\$1,073.67
Poles	\$862.56	\$997.23	\$1,859.79
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$1,789.33	\$3,291.45	\$5,080.78
Stores Handling(2)	\$108.97	\$0.00	\$108.97
SubTotal	\$1,898.30	\$3,291.45	\$5,189.75
Engineering(4)	\$358.38	\$621.39	\$979.77
TOTAL	\$2,256.68	\$3,912.84	\$6,169.52

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIE, two phase for design criteria and assumptions

OVERHEAD MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL POLE LINE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$617.84	\$1,529.48	\$2,147.32
Secondary	\$308.93	\$764.74	\$1,073.67
Poles	\$862.56	\$997.23	\$1,859.79
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$1,789.33	\$3,291.45	\$5,080.78
Stores Handling(2)	\$108.97	\$0.00	\$108.97
SubTotal	\$1,898.30	\$3,291.45	\$5,189.75
Engineering(4)	\$358.38	\$621.39	\$979.77
TOTAL	\$2,256.68	\$3,912.84	\$6,169.52

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIE, two phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$3,805.02	\$1,738.10	\$5,543.12
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$3,805.02	\$4,644.68	\$8,449.70
Stores Handling(2)	\$231.73	\$0.00	\$231.73
SubTotal	\$4,036.75	\$4,644.68	\$8,681.43
Engineering(4)	\$762.10	\$876.87	\$1,638.97
TOTAL	\$4,798.85	\$5,521.55	\$10,320.40
PER FOOT TOTAL	\$4.00	\$4.60	\$8.60

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, III E, two phase for design criteria and assumptions

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER FOOT -****THREE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,760.15	\$4,758.00	(\$2.15)
MATERIAL	\$2,717.87	\$7,285.19	\$4,567.32
TOTAL	\$7,478.02	\$12,043.19	\$4,565.17
PER FOOT TOTAL	\$6.23	\$10.04	\$3.81

OVERHEAD MATERIAL AND LABOR COST PER FOOT**THREE PHASE PRIMARY LATERAL POLE LINE****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$939.22	\$2,255.23	\$3,194.45
Secondary	\$313.07	\$751.74	\$1,064.81
Poles	\$902.72	\$997.23	\$1,899.95
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$2,155.01	\$4,004.20	\$6,159.21
Stores Handling(2)	\$131.24	\$0.00	\$131.24
SubTotal	\$2,286.25	\$4,004.20	\$6,290.45
Engineering(4)	\$431.62	\$755.95	\$1,187.57
TOTAL	\$2,717.87	\$4,760.15	\$7,478.02

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 2, IIE, three phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**THREE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$5,776.45	\$1,095.81	\$6,872.26
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$5,776.45	\$4,002.39	\$9,778.84
Stores Handling(2)	\$351.79	\$0.00	\$351.79
SubTotal	\$6,128.24	\$4,002.39	\$10,130.63
Engineering(4)	\$1,156.95	\$755.61	\$1,912.56
TOTAL	\$7,285.19	\$4,758.00	\$12,043.19
PER FOOT TOTAL	\$6.07	\$3.97	\$10.04

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, III E, three phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**SINGLE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,902.50	\$877.82	\$2,780.32
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$1,902.50	\$3,784.40	\$5,686.90
Stores Handling(2)	\$115.86	\$0.00	\$115.86
SubTotal	\$2,018.36	\$3,784.40	\$5,802.76
Engineering(4)	\$381.05	\$714.46	\$1,095.51
TOTAL	\$2,399.41	\$4,498.86	\$6,898.27
PER FOOT TOTAL	\$2.00	\$3.75	\$5.75

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIF, single phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$3,805.02	\$1,738.10	\$5,543.12
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$3,805.02	\$4,644.68	\$8,449.70
Stores Handling(2)	\$231.73	\$0.00	\$231.73
SubTotal	\$4,036.75	\$4,644.68	\$8,681.43
Engineering(4)	\$762.10	\$876.87	\$1,638.97
TOTAL	\$4,798.85	\$5,521.55	\$10,320.40
PER FOOT TOTAL	\$4.00	\$4.60	\$8.60

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIIF, two phase for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**THREE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2005**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$5,776.45	\$1,095.81	\$6,872.26
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$2,906.58	\$2,906.58
Sub-Total	\$5,776.45	\$4,002.39	\$9,778.84
Stores Handling(2)	\$351.79	\$0.00	\$351.79
SubTotal	\$6,128.24	\$4,002.39	\$10,130.63
Engineering(4)	\$1,156.95	\$755.61	\$1,912.56
TOTAL	\$7,285.19	\$4,758.00	\$12,043.19
PER FOOT TOTAL	\$6.07	\$3.97	\$10.04

1 - Includes Sales Tax.

2 - 6.09 % of All Material.

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

4 - 18.879% of All Material and Labor.

Note: See Appendix B, page 3, IIF, three phase for design criteria and assumptions

2005 UCD TARIFF

AVERAGE UCD UNDERGROUND FEEDER COST

<u>Underground</u>	<u>Overhead</u>	<u>Difference</u>	
\$/Ft.....\$23.22	\$/Ft.....\$11.67	\$/Ft.....	\$11.56
	Round To: \$/Ft.....		\$11.56

13 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$17,907.22
13 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$19,523.92
23 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$22,117.01
23 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$25,633.21
13 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$16,483.65
13 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$16,795.63
23 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$20,807.44
23 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$24,757.65

Based on data from Inventory Services on switch cabinet utilization (new construction only):

9	13 kV 9/3 cabinets		
0	13 kV SS 9/3 cabinets		
36	23 kV 9/3 cabinets		
3	23 kV SS 9/3 cabinets		
44	13 kV 6/6 cabinets		
4	13 kV SS 6/6 cabinets		
181	23 kV 6/6 cabinets		
11	23 kV SS 6/6 cabinets		
	Weighted Average:		\$20,365.35
		\$/Switch Cabinet	\$20,365.35

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

Note: See Appendix B , page 4, for design criteria and assumptions.

2005 UCD TARIFF

FEEDER COST

Feeder Length =	25,428
UG Feeder Cost* (excluding UG switches) =	\$642,398.98
26 UG Lateral Risers not required if UG Feeder is used	
Cost of each Lateral Riser =	\$1,994.76
26 Lateral Risers X \$1,994.76 =	(\$51,863.76)
Net UG Feeder Cost =	\$590,535.22
UG Feeder per foot cost =	<u>\$23.22</u>
OH Feeder Cost (excluding OH switches & hardware) =	\$296,697.57
OH Feeder per foot cost =	\$11.67
Feeder Differential Cost (per foot) =	\$11.56
13 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$21,128.70
13 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$23,458.57
23 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$25,472.95
23 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$29,741.71
13 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$19,705.13
13 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$20,730.28
23 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$24,163.38
23 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$28,866.15
13 kV OH Switch Cabinet (including switch, pole, and all Hardware) =	\$3,221.48
13 kV OH Salt Spray Switch Cabinet (including switch, pole, and all Hardware) = ...	\$3,934.65
23 kV OH Switch Cabinet (including switch, pole, and all Hardware) =	\$3,355.94
23 kV OH Salt Spray Switch Cabinet (including switch, pole, and all Hardware) = ...	\$4,108.50
13 kV UG Switch Cabinet - 9/3 Cabinet Differential =	<u>\$17,907.22</u>
13 kV Salt Spray UG Switch Cabinet - 9/3 Cabinet Differential =	\$19,523.92
23 kV UG Switch Cabinet - 9/3 Cabinet Differential =	\$22,117.01
23 kV Salt Spray UG Switch Cabinet - 9/3 Cabinet Differential =	\$25,633.21
13 kV UG Switch Cabinet - 6/6 Cabinet Differential =	\$16,483.65
13 kV Salt Spray UG Switch Cabinet - 6/6 Cabinet Differential =	\$16,795.63
23 kV UG Switch Cabinet - 6/6 Cabinet Differential =	\$20,807.44
23 kV Salt Spray UG Switch Cabinet - 6/6 Cabinet Differential =	\$24,757.65
Switch Cabinet Differential (Weighted Average) =	\$20,365.35

* These costs include cable-in-conduit and cable pull boxes.

Note: See Appendix B, page 4, for design criteria and assumptions

2005 UCD TARIFF
SMALL COMMERCIAL SERVICES (1)

WOOD POLE, ACCESSIBLE

	120 VOLT, 2-WIRE SERVICE			120/240 VOLT, 3-WIRE SERVICE		
	OVERHEAD	UNDERGROUND	DIFFERENTIAL	OVERHEAD	UNDERGROUND	DIFFERENTIAL
MATERIAL (2)	\$20.57	\$94.49	\$73.92	\$60.41	\$161.79	\$101.38
LABOR(4)	\$66.83	\$342.72	\$275.89	\$69.79	\$351.50	\$281.71
STORES HANDLING (3)	\$1.17	\$5.75	\$4.58	\$3.68	\$9.85	\$6.17
ENGINEERING (5)	\$16.72	\$89.32	\$72.60	\$26.99	\$105.49	\$78.50
TOTAL	\$105.29	\$532.28	\$426.99	\$160.87	\$628.63	\$467.76

WOOD POLE, INACCESSIBLE

	120 VOLT, 2-WIRE SERVICE			120/240 VOLT, 3-WIRE SERVICE		
	OVERHEAD	UNDERGROUND	DIFFERENTIAL	OVERHEAD	UNDERGROUND	DIFFERENTIAL
MATERIAL (2)	\$19.18	\$94.49	\$75.31	\$60.41	\$161.79	\$101.38
LABOR(4)	\$73.83	\$404.42	\$330.59	\$82.34	\$414.78	\$332.44
STORES HANDLING (3)	\$1.17	\$5.75	\$4.58	\$3.68	\$9.85	\$6.17
ENGINEERING (5)	\$18.99	\$101.76	\$82.77	\$29.52	\$118.25	\$88.73
TOTAL	\$113.17	\$606.42	\$493.25	\$175.95	\$704.67	\$528.72

CONCRETE POLE, ACCESSIBLE

	120 VOLT, 2-WIRE SERVICE			120/240 VOLT, 3-WIRE SERVICE		
	OVERHEAD	UNDERGROUND	DIFFERENTIAL	OVERHEAD	UNDERGROUND	DIFFERENTIAL
MATERIAL (2)	\$19.18	\$103.42	\$84.24	\$60.41	\$176.25	\$115.84
LABOR(4)	\$62.57	\$342.72	\$280.15	\$69.79	\$351.50	\$281.71
STORES HANDLING (3)	\$1.17	\$6.30	\$5.13	\$3.68	\$10.73	\$7.05
ENGINEERING (5)	\$16.72	\$91.23	\$74.51	\$26.99	\$108.58	\$81.59
TOTAL	\$99.64	\$543.67	\$444.03	\$160.87	\$647.06	\$486.19

- 1 - Conditions for FPL providing the UG service wire to a non-residential customer's meter can include:
 A) Customer's Main Line Switch is to be less than or equal to 125 amps (120/240 Volt 3-wire service)
 or 60 amps (120 Volt 2-wire service) AND
 B) The meter can is at least 5 feet, but not more than 100 feet, from the pole.

2 - Includes Sales Tax.

3 - 6.09 % of All Material.

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

5 - 18.879% of All Material and Labor.

* These costs include cable-in-conduit and cable pull boxes.

Note: See Appendix B, page 4, for design criteria and assumptions

2005 UCD TARIFF

CREDITS

Lateral Trench Credit =	\$78.20 /MH X	0.029	MH =.....	\$2.27 /Ft.
			Round To.....	\$2.27 /Ft.
Secondary/Service Trench Credit =	\$78.20 /MH X	0.027	MH =.....	\$2.11 /Ft.
			Round To.....	\$2.11 /Ft.
2" Conduit Installation Credit =	\$78.20 /MH X	0.005	MH =.....	\$0.39 /Ft.
			Round To.....	\$0.39 /Ft.
Larger than 2" Conduit Installation Credit = .	\$78.20 /MH X	0.007	MH =.....	\$0.55 /Ft.
			Round To.....	\$0.55 /Ft.
Large (48") Handhole/ Primary Splice Box Installation Credit =	\$78.20 /MH X	1.94	MH =.....	\$151.71 /HH
			Round To.....	\$151.71 /HH
Small (30" or smaller) Handhole Installation Credit =	\$78.20 /MH X	0.51	MH =.....	\$39.88 /HH
			Round To.....	\$39.88 /HH
Concrete Pad for Pad Mounted Transformer Credit =.....	\$78.20 /MH X	0.3	MH =.....	\$23.46 /Pad
			Round To.....	\$23.46 /Pad
Feeder Splice Box Installation Credit =	\$78.20 /MH X	7.36	MH =.....	\$575.55 /Box
			Round To.....	\$575.55 /Box
Padmount Switch Chamber Installation Credit =	\$78.20 /MH X	4.71	MH =.....	\$368.32 /Chamber
			Round To.....	\$368.32 /Chamber

Appendix 4

(Continued from Sheet No. 6.500)

13.2.6 Rights of Way and Easements

The Applicant shall record and furnish satisfactory rights of way and easements, including legal descriptions of such easements and all survey work associated with producing legal descriptions of such easements, as required by and at no cost to the Company prior to the Company initiating construction. Before the Company will start construction, these rights of way and easements must be cleared by the Applicant of trees, tree stumps and other obstructions that conflict with construction, staked to show property corners and survey control points, and graded to within six inches of final grade, with soil stabilized. In addition, the Applicant shall provide stakes showing final grade along the easement. Such clearing and grading must be maintained by the Applicant during construction by the utility.

13.2.7 Contribution and Credits

The Applicant shall pay the required contribution upon receipt of written notification from the Company. No utility construction shall commence prior to execution of the Underground Distribution Facilities Installation Agreement set forth in Tariff Sheet Nos. 9.700, 9.701 and 9.702 and payment in full of the entire contribution. Where, by mutual agreement, the Applicant performs any of the work normally performed by the Company. If the Applicant wishes to install Company-provided conduit and/or provide trench and backfilling, the Applicant shall receive a credit for such work provided by the Applicant, in accordance with the credit amounts contained herein, provided that the work is in accordance with Company specifications. The credit will be granted after the work has been inspected by the Company and, in the case of Applicant-installed conduit, after the Company pulls all applicable conductors.

13.2.8 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 and transformers when the design of a commercial/industrial building or its appurtenances limit perpetual accessibility for reading, testing, or making necessary repairs and adjustments.

13.2.9 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, stump removal, paving, and addressing other special conditions. Should paving, grass, landscaping or sprinkler systems be installed prior to the construction of the underground distribution facilities, the Applicant shall pay the added costs of trenching and backfilling and be responsible for restoration of property damaged to accommodate the installation of underground facilities.

13.2.10 Point of Delivery

The point of delivery shall be determined by the Company, but normally will be at or near the part of the building nearest the point at which the Company's 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 the primary/secondary lateral length, including labor and materials, required in excess of that which would have been needed to reach the Company's designated point of delivery. Any redesignation requested by the Applicant shall conform to good safety and construction practices as determined by the Company. Laterals shall be installed, where possible, in a direct line to the point of delivery.

13.2.11 Location of Meter and Raceway

The Applicant shall install a meter trough at the point designated by the Company and a raceway to accept the service lateral conductors if needed. Both will be installed in accordance with the Company's specifications.

(Continued on Sheet No. 6.520)

(Continued from Sheet No. 6.510)

13.2.12 Contribution by Applicant

The Applicant shall pay the Company the average differential cost between installing overhead and underground distribution facilities based on the following:

- a) Primary lateral, riser (if from overhead termination point), pad mounted transformer and trench with cable-in-conduit not to exceed 150 feet in radials and 300 feet in loops.

Applicant's Contribution

	<u>From Overhead Termination Point</u>	<u>From Existing Underground Termination Point</u>	
1) Single phase radial	\$ 564.00	635.25	N/A
2) Two phase radial	\$ 1,124.00	1,429.34	N/A
3) Three phase radial (150 KVA)	\$ 737.00	648.27	N/A
4) Three phase radial (300 KVA)	\$ 0.00		N/A
5) Single phase loop	\$ 1,430.00	1,772.08	\$ 940.00 1,101.00
6) Two phase loop	\$ 2,434.00	3,238.17	\$ 1,667.00 2,122.68
7) Three phase loop (150 KVA)	\$ 1,239.00	3,410.44	\$ 574.00 2,046.85
8) Three phase loop (300 KVA)	\$ 1,949.57		\$ 585.97

- b) Secondary riser and lateral, excluding handhole or junction box, with connection to Applicant's service cables no greater than 20 feet from Company riser pole.

1) Small single phase	\$ 406.00	412.27
2) Large single phase	\$ 584.00	710.52
3) Small three phase	\$ 508.00	552.81
4) Large three phase	\$ 844.00	1,027.63

- c) FPL service cable installed in customer provided and customer installed 2" PVC (for main line switch size limited to 60 amps for 120V, 2 wire service, or 125 amps for 120/240v, 3 wire service) where customer's meter can is at least 5 feet and no more than 100 feet from the FPL pole.

	<u>120v 60 amp 2 wire service</u>	<u>120/240v 125 amp 3 wire service</u>
1) <u>Installed on a wood pole - accessible locations</u>	\$ 426.99	\$ 467.76
2) <u>Installed on a wood pole - inaccessible locations</u>	\$ 493.25	\$ 528.72
3) <u>Installed on a concrete pole - accessible locations</u>	\$ 444.03	\$ 486.19

- e d) Handholes and Padmounted Secondary Junction Box, excluding connections.

1) Handhole	
a. Small - per handhole	\$ 143.00 152.40
b. Intermediate - per handhole	\$ 214.00 183.94
c. Large - per handhole	\$ 583.00 566.71

2) Pad Mounted secondary Junction Box - per box	\$ 1,489.00 1,430.36
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- 3) Pad Mounted secondary Junction Cabinet, used when electrical loads exceed the capacity of the secondary junction box (above) or when the number of the service conductors exceed the capacity of the pad mounted transformer. Only applicable if the customer's service conductor diameter is less than 500 MCM.

<u>Per cabinet (includes connecting up to 12 sets of conductor)</u>	\$ 4,854.35
<u>Tapping service conductors (if more than 12 sets) - per set</u>	\$51.64

FLORIDA POWER & LIGHT COMPANY

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~~d) Primary splice box including splices and cable pulling set-up:~~

1) Single Phase per box	_____	\$ 943.00
2) Two Phase per box	_____	\$ 1,302.00
3) Three Phase per box	_____	\$ 1,433.00

~~e) Additional installation charge for underground primary laterals including trench and cable in conduit which exceed the limits set in 13.2.12 a):~~

1) Single Phase per foot	_____	\$ 1.43
2) Two Phase per foot	_____	\$ 3.02
3) Three Phase per foot	_____	\$ 3.58

(Continued on Sheet No. 6.530)

(Continued from Sheet No. 6.520)

e) Primary splice box including splices and cable pulling set-up.

<u>1) Single Phase - per box</u>	<u>\$ 990.80</u>
<u>2) Two Phase - per box</u>	<u>\$ 1,399.74</u>
<u>3) Three Phase - per box</u>	<u>\$ 1,521.54</u>

f) Additional installation charge for underground primary laterals including trench and cable-in-conduit which exceed the limits set in 13.2.12 a).

<u>1) Single Phase - per foot</u>	<u>\$1.70</u>
<u>2) Two Phase - per foot</u>	<u>\$3.46</u>
<u>3) Three Phase - per foot</u>	<u>\$3.81</u>

g) Additional installation charge for underground primary laterals including trench and cable-in-conduit extended beyond the Company designated point of delivery to a remote point of delivery.

<u>1) Single Phase - per foot</u>	<u>\$5.02</u>	<u>5.75</u>
<u>2) Two Phase - per foot</u>	<u>\$7.63</u>	<u>8.60</u>
<u>3) Three Phase - per foot</u>	<u>\$9.17</u>	<u>10.04</u>

h) The above costs are based upon arrangements that will permit serving the local underground distribution system within the commercial/industrial development from overhead feeder mains. If feeder mains within the commercial/industrial development 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 commercial/industrial development and equivalent overhead feeder mains, as follows:

	<u>Applicant's</u>	
	<u>Contribution</u>	
<u>Cost per foot of feeder trench within the commercial/industrial development (excluding switches)</u>	<u>\$—10.90</u>	<u>11.56</u>
<u>Cost per switch package</u>	<u>\$19,290.00</u>	<u>20,365.35</u>

i) The Company will provide one standby/assistance appointment to the Applicant at no charge to assist with installation of the Applicant's conductors and conduit(s) into a padmounted transformer, pedestal or vault (not to exceed four hours in duration) during normal hours of operation. Additional appointments will be provided upon request, at the Applicant's expense.

(Continued on Sheet 6.540)

13.2.13 Contribution Adjustments

a) Credits will be allowed to the Applicant's contribution in Section 13.2.12, where, by mutual agreement, the Applicant provides trenching and backfilling for the Company's facilities.

	<u>Credit to the</u>	
	<u>Applicant's</u>	
	<u>Contribution</u>	
<u>1) Credit per foot of primary trench</u>	<u>\$—1.80</u>	
<u>2) Credit per foot of secondary trench</u>	<u>\$—1.50</u>	

b) Credits will be allowed to the Applicant's contribution in section 13.2.12, where, by mutual agreement, the Applicant installs Company provided conduit per Company instructions.

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- 1) ~~Credit per foot of 2" conduit~~ \$ ~~.....~~ .32
- 2) ~~Credit per foot of larger than 2" conduit~~ \$ ~~.....~~ .44

~~c) Credit will be allowed to the Applicant's contribution in Section 13.2.12, where, by mutual agreement, the Applicant installs a Company-provided handhole per Company instructions.~~

- 1) ~~Credit per large handhole/primary splice box~~ \$ ~~.....~~ 123.00
- 2) ~~Credit per small handhole~~ \$ ~~.....~~ 32.00

~~d) Credit will be allowed to the Applicant's contribution in Section 13.2.12, where, by mutual agreement, the Applicant installs a Company-provided concrete pad for a pad-mounted transformer per Company instructions.~~

~~Credit per pad~~ \$ ~~.....~~ 19.00

~~e) Credit will be allowed to the Applicant's contribution in Section 13.2.12, where, by mutual agreement, the Applicant installs Company-provided concrete pad for a pad-mounted feeder switch chamber per Company instructions.~~

~~Credit per pad~~ \$ ~~.....~~ 298.00

~~f) Credit will be allowed to the Applicant's contribution in Section 13.2.12, where, by mutual agreement, the Applicant installs Company-provided concrete pad for a feeder splice box per Company instructions.~~

~~Credit per splice box~~ \$ ~~.....~~ 466.00

UNDERGROUND DISTRIBUTION FACILITIES INSTALLATION AGREEMENT

This Agreement, made this _____ day of _____, _____, by and between _____ (hereinafter called the Customer) and FLORIDA POWER & LIGHT COMPANY, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL).

WITNESSETH:

Whereas, the Customer has applied to FPL for underground distribution facilities to be installed on Customer's property known as _____ located in _____, Florida.

 (City/County)

That for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. The Customer shall pay FPL a Contribution in Aid of Construction of \$_____ (the Contribution) to cover the differential cost between an underground and an overhead system. This is based on the currently effective tariff filed with the Florida Public Service Commission by FPL and is broken down as follows: _____ more particularly described on Exhibit A attached hereto.
 2. That a credit of \$_____ shall be provided to the Customer for trenching, backfilling, and the installation of Company provided conduit and other work, as also shown on Exhibit A, if applicable, and approved by FPL.
 3. The contribution and credit are subject to adjustment when FPL's tariff is revised by the Florida Public Service Commission and the Customer has requested FPL to delay FPL's scheduled date of installation. Any additional costs caused by a Customer's change in the Customer's plans submitted to FPL on which the contribution was based shall be paid for by the Customer. The contribution does not include the cost of conversion of any existing overhead lines to underground or the relocation of any existing overhead or underground facilities to serve the property identified above.
 4. That the Contribution provides for ___/___ volt, ___ phase (120/240 volt, single phase for URD Subdivisions) underground electrical service with facilities located on private property in easements as required by FPL. The contribution is based on employment of rapid production techniques and cooperation to eliminate conflicts with other utilities. Underground service, secondary, and primary conductors installed by FPL are to be of standard FPL design, in conduit, and with above-grade appurtenances.
 5. That the payment of the Contribution does not waive any provisions of FPL's Electric Tariff.
- If the property is subject to an underground ordinance, FPL shall notify the appropriate governmental agency that satisfactory arrangements have been made with the Customer as specified by FPL.
- Title to and ownership of the facilities installed by FPL as a result of this agreement shall at all times remain the property of FPL.
6. That good and sufficient easements, including legal descriptions and survey work to produce such easements, and mortgage subordinations required by FPL for the installation and maintenance of its electric distribution facilities must be granted or obtained, and recorded, at no cost to FPL, prior to FPL's trenching, installation and/or construction of its FPL facilities. FPL may require mortgage subordinations when the Customer's property, on which FPL will install its facilities, is mortgaged and (1) there are no provisions in the mortgage that the lien of the mortgage will be subordinate to utility easements, (2) FPL's easement has not been recorded prior to the recordation of the mortgage, (3) FPL's facilities are or will be used to serve other parcels of property, or (4) other circumstances exist which FPL determines would make such a subordination necessary.
 - a) The Customer shall furnish FPL a copy of the deed or other suitable document which contains a full legal description and exact name of the legal owner to be used when an easement is prepared, as required by FPL.
 - b) The Customer shall furnish drawings, satisfactory to FPL, showing the location of existing and proposed structures on the Customer's construction site, as required by FPL.

(Continued on Sheet No. 9.701)

(Continued from Sheet No. 9.700)

- c) Should for any reason, except for the sole error of FPL, FPL's facilities not be constructed within the easement, FPL may require the Customer to grant new easements and obtain any necessary mortgage subordinations to cover FPL's installed facilities, at no cost to FPL, and FPL will release the existing easement. Mortgage subordinations will be necessary in this context when 1) the Customer's property on which FPL will install its facilities is mortgaged, 2) there are no provisions in the mortgage for subordination of the lien of the mortgage to utility easements, or 3) FPL's facilities are or will be used to serve other parcels of property.
7. Before FPL can begin its engineering work on the underground electric distribution facilities, the Customer shall provide FPL with the following:
- a) **Paving, grading, and drainage** plans showing all surface and sub-surface drainage satisfactory to FPL,
 - b) A construction schedule,
 - c) **An estimate of when electric service** will be required, and
 - d) **Copies of the Customer's final construction plans** as well as other construction drawings (plot, site, sewage, electrical, etc.) requested by FPL. Plans provided by the Customer must be either recorded by the circuit clerk or other recording officer or prepared and certified as meeting the requirements for recording (except approval by the governing body) by a registered land surveyor.
8. Prior to FPL construction pursuant to this agreement, the Customer shall:
- a) Clear the FPL easement on the Customer's property of tree stumps, all trees, and other obstructions that conflict with construction, including the drainage of all flooded areas. The Customer shall be responsible for clearing, compacting, boulder and large rock removal, stump removal, paving, and addressing other special conditions. The easement shall be graded to within six inches of final grade with soil stabilized.
 - b) Provide property line and corner stakes, designated by a licensed surveyor, to establish a reference for locating the underground cable trench route in the easement and additional reference points when required by FPL. Also, the Customer shall provide stakes identifying the location, depth, size and type facility of all non-FPL underground facilities within or near the easement where FPL distribution facilities will be installed. The Customer shall maintain these stakes, and if any of these stakes are lost, destroyed or moved and FPL requires their use, the Customer shall replace the stakes at no cost to FPL, unless the stakes are lost, destroyed or moved by an agent, employee, contractor or subcontractor of FPL, in which case FPL will pay the Customer the cost of replacing the stakes.
 - c) It is further understood and agreed that subsequent relocation or repair of the FPL system, once installed, will be paid by the Customer if said relocation or repair is a result of a change in the grading by the Customer or any of the Customer's contractors or subcontractors from the time the underground facilities were installed; and, that subsequent repair to FPL's system, once installed, will be paid by the Customer if said repair is a result of damage caused by the Customer or any of the Customer's contractors or subcontractors.
 - d) Provide sufficient and timely advance notice (_____ days) as required by FPL, for FPL to install its underground distribution facilities prior to the installation of paving, landscaping, sodding, sprinkler systems, or other surface obstructions. In the absence of sufficient coordination, as determined by FPL, by the Customer, all additional costs for trenching and backfilling shall be paid by the Customer, and none of the costs of restoring paving, landscaping grass, sprinkler systems and all other surface obstructions to their original condition, should they be installed prior to FPL's facilities, shall be borne by FPL.

(Continued on Sheet No. 9.702)

(Continued from Sheet No. 9.701)

- e) Pay for all additional costs incurred by FPL which may include, but are not limited to, engineering design, administration and relocation expenses, due to changes made subsequent to this agreement on the subdivision or development layout or grade.
- f) Provide applicable trenching, backfilling, and installation of Company provided conduit and other work in accordance with FPL specifications more particularly described on Exhibit B attached hereto. At the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
- g) Provide a meter enclosure, downpipe and ell which meet all applicable codes and FPL specifications and which will accommodate FPL's service cable size and design. These items must be confirmed with FPL prior to purchase. FPL will not be responsible for costs involved in modifying or replacing items which do not meet the above criteria.

9. FPL shall:

- a) Provide the Customer with a plan showing the location of all FPL underground facilities, point of delivery, and transformer locations and specifications required by FPL and to be adhered to by the Customer.
- b) Install, own, and maintain the electric distribution facilities up to the designated point of delivery except when otherwise noted.
- c) Request the Customer to participate in a pre-construction conference with the Customer's contractors, the FPL representatives and other utilities within six (6) weeks of the start of construction. At the pre-construction conference, FPL shall provide the Customer with an estimate of the date when service may be provided.

10. This Agreement is subject to FPL's Electric Tariff, including but not limited to the General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission, as they are now written, or as they may be revised, amended or supplemented.

11. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the Customer and FPL.

The Customer and FPL will coordinate closely in fulfilling obligations in order to avoid delays in providing permanent electric service at the time of the Customer's receipt of a certificate of occupancy.

Accepted:

 For FPL (Date)

Accepted:

 Customer (Date)

 Witness (Date)

 Witness (Date)

RESERVED FOR FUTURE USE

UNDERGROUND NEW FACILITIES AGREEMENT

— This Agreement, made and entered into this _____ day of _____, _____, by and between _____

(hereinafter called the Applicant) and FLORIDA POWER & LIGHT COMPANY, a corporation organized under the laws of the State of Florida (hereinafter called FPL) is for the provision of underground electric distribution facilities by FPL pursuant to the Applicant's request for such facilities. In consideration of the premises, covenants and agreements set forth herein, FPL and the Applicant agree as follows:

- 1. The Applicant shall pay FPL a Contribution in Aid Of Construction (CIAC) in the amount of \$_____. In the event the actual cost of the project contracted for herein, exceeds the CIAC identified above, the Applicant shall pay an additional contribution equal to the lesser of the difference between the actual cost of the project and the CIAC identified above, or 10% of the CIAC identified above.
- 2. Pursuant to this agreement, the Applicant agrees to comply with and abide by the requirements, terms, and conditions of FPL's Electric Tariff as those requirements, terms, and conditions are set forth in said Tariff.
- 3. Upon compliance with the requirements, terms, and conditions of FPL's Electric Tariff, FPL will proceed in a timely manner with the installation of underground electric distribution facilities in accordance with the construction drawings and specifications set forth in Attachment A hereof.
- 4. Failure by the Applicant to comply with any of the requirements, terms, or conditions of this agreement or FPL's Electric Tariff shall result in termination of this agreement. The Applicant may terminate this agreement at any time prior to the start of construction, and the CIAC paid by the Applicant will be refunded to the Applicant, provided however, that the refund of the CIAC shall be offset by any costs incurred by FPL in performing under the agreement up to the date of termination.
- 5. This agreement is not assignable.

— **IN WITNESS WHEREOF**, FPL and the Applicant have executed this Agreement for the provision of underground electric distribution facilities to be effective as of the date first above written.

APPLICANT

FPL

Signed _____

Signed _____

Name _____

Name _____

Title _____

Title _____

RESERVED FOR FUTURE USE

UNDERGROUND CONDUIT INSTALLATION AGREEMENT

This Agreement, made this _____ day of _____, _____, by and between _____ (hereinafter called the Customer) and Florida Power & Light Company, a corporation organized and existing under the laws of the State of Florida (hereinafter called FPL),

WHEREAS; the Customer has requested the pre-approval of the location and installation of underground distribution facilities to be located in a described FPL easement provided by the Customer.

WITNESSETH

That, for and in consideration of the covenants and agreements herein set forth, the parties hereto covenant and agree as follows:

1. _____ The customer shall:
 - a) _____ install conduit, cable markers and associated materials provided by FPL with the instructions and specifications attached to this Agreement;
 - b) _____ be solely responsible for the installation of conduit at the correct location and the correct depth pursuant to the FPL construction drawing and specifications;
 - c) _____ provide reasonable notification of the conduit installation dates;
 - d) at the discretion of FPL, either correct any discrepancies, within two (2) working days, found in the installation that are inconsistent with the instructions and specifications attached to this agreement or pay the associated cost to correct the installation within thirty (30) days of receiving the associated bill, and in either case, reimburse FPL for costs associated with lost crew time due to such discrepancies;
 - e) _____ provide survey points for FPL to stake the cable route;
 - f) _____ notify FPL when the conduit installation is complete;
 - g) _____ provide "as built" prints within two (2) weeks of final installation;
 - h) _____ provide for pick-up of materials;
 - i) _____ assume liability for materials lost, stolen or damaged once the customer receives material;
 - j) _____ assume liability for any delays and/or additional costs to FPL caused by a conduit installation that is not consistent with the instructions and specifications attached to this agreement.

(Continued on Sheet No. 9.726)

RESERVED FOR FUTURE USE

(Continued from Sheet No. 9.725)

2. ~~FPL shall:~~

- a) ~~provide written instructions and specifications for the installation of FPL provided conduit;~~
- b) ~~provide required material to the Customer for the installation of underground facilities within the specified cable route;~~
- c) ~~provide staking for the Customer along the specified cable route;~~
- d) ~~apply a credit in the amount of \$ _____, in the event that the customer has made or has agreed to make a Contribution in Aid of Construction for the underground distribution facilities associated with this Agreement (if the credit exceeds the contribution, or if no contribution is required, a payment shall be made to the customer);~~
- e) ~~assume no liability for materials lost, stolen or damaged once received by the customer;~~
- f) ~~furnish any additional material at the current cost plus applicable loading and delivery charges;~~
- g) ~~assume no liability for delays caused by material delivery deficiency, including insufficient, lost, stolen or damaged material;~~
- h) ~~assume no liability for delays because of misunderstanding of installation drawings or specifications;~~
- i) ~~assume no liability for delays or additional cost caused by an inadequacy of the conduit system installation;~~
- j) ~~assume no liability for special incidental or consequential damages of any nature.~~

3. ~~This agreement is subject to FPL's General Rules and Regulations for Electric Service and the Rules of the Florida Public Service Commission.~~

4. ~~Subject to section 2.7 Indemnity to Company, or section 2.71 Indemnity to Company Governmental, FPL's General Rules and Regulations, the Customer agrees to protect, defend, indemnify and hold FPL, its officers, directors, employees, and agents (FPL Entities) free and unharmed from and against any and all claims, liabilities, loss, costs, or damages whatsoever, related to any claim made by tenants, invites, licensees, quests, any other or third parties, including court costs and attorney's fees, whether or not due to or caused in whole or part by the negligence of FPL Entities, resulting from or in connection with the performance of this Agreement by either party hereto~~

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed to be effective as of the day and year written above.

APPLICANT: _____ FPL: _____

SIGNED _____ SIGNED _____

NAME _____ NAME _____

TITLE _____ TITLE _____