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ORIGINAL

April 2, 2007

VIA HAND DELIVERY

Ms. Ann Cole, Commission Clerk
Division of the Commission Clerk and
Administrative Services
Florida Public Service Commission
Betty Easley Conference Center
2540 Shumard Oak Blvd., Room 110
Tallahassee, FL 32399-0850

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COMMISSION
CLERK

070231-ET

In re: Petition of Florida Power & Light Company for Approval of 2007 Revisions to FPL's Underground Residential and Commercial Distribution Tariff

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an original and 15 copies of FPL's Petition for Approval of 2007 Revisions to FPL's Underground Residential and Commercial Distribution Tariff. Also enclosed is a diskette containing FPL's Petition in Word.

If you have any questions or comments please feel free to call me at (561) 304-5253. Thank you for your consideration in this matter.

Sincerely,

Bryan S. Anderson
Authorized House Counsel No.: 219511

Original Tariff forwarded
to ECR

BSA: nn
Enclosures as indicated

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R.V.N.
FPSC BUREAU OF RECORDS

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02849 APR -2 07

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Approval of Underground Residential and Commercial Distribution Tariff Revisions.) Docket No. 070231-E7)
)
) Filed: April 2, 2007

PETITION FOR APPROVAL OF 2007 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(3) 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 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
Vice President, Regulatory Affairs
Bill_Walker@fpl.com
Florida Power & Light Company
215 South Monroe Street, Suite 801
Tallahassee, FL 32301
(850) 521- 3900 (Office)
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Bryan S. Anderson
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FPL's UNDERGROUND RESIDENTIAL DISTRIBUTION TARIFFS

(2) Rule 25-6.078(3), 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), (4) and (5) of Rule 25-6.078 on or before April 1 of the following year. This Petition and its Appendices are filed to comply with the “10% or more” filing requirement of Rule 25-6.078(3) and to provide justification and support for FPL’s cost differential for residential underground service.

(3) Pursuant to Order No. PSC-05-1114-CO-EI issued November 4, 2005, the Commission approved FPL’s 2005 revisions to its underground residential distribution tariffs.

(4) In complying with Rule 25-6.078(3), 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. 6.095 Sheet No. 6.125
Sheet No. 6.100 Sheet No. 6.130

Sheet No. 6.120 Sheet No. 9.420
Sheet No. 6.110 Sheet No. 9.702
Sheet No. 6.115

(5) The principal reasons for the changes in costs reflected in the revised tariff sheets and supported in the data and analyses included in Appendices URD 3 and URD 4 are:

- (a) increases in the commodity costs of the materials and equipment installed; and
- (b) updating of the design of FPL's high density subdivision to more accurately reflect FPL's current design and construction practices (the effect of which is to decrease the high density differential).

(6) 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.

(7) 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), (3) and (5), F.A.C., and the necessary support for the relief requested in this Petition.

FPL's UNDERGROUND COMMERCIAL DISTRIBUTION TARIFFS

(8) Pursuant to Order No. PSC-05-1114-CO-EI issued November 4, 2005, the Commission approved FPL's revisions to its 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.

(9) Appendix UCD 1 includes the following revised tariff sheets, in final and legislative formats, 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. 6.520

Sheet No. 6.530

Sheet No. 6.540

Sheet No. 9.420

Sheet No. 9.702

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

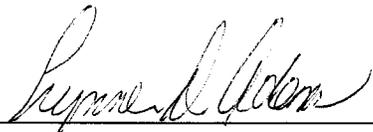
(11) The data and analyses supporting the changes in the UCD tariffs are set forth in Appendices UCD 3 and 4.

(12) 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 commercial/industrial distribution tariffs as requested in this Petition.

(13) 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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APPENDIX 1
URD

LEGISLATIVE TARIFF
URD

(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~~ \$44.91 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 applicant 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~~ \$5.57. Where an existing trench is utilized, the additional cost per trench foot is ~~\$2.10~~ \$2.54. 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~~ \$2.01. 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)

**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 <u>\$86.70</u>
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$41.31 <u>N/A</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	\$444.01 <u>\$562.80</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)	\$11.56 <u>\$15.37</u>
Cost per switch package	\$20,365.35 <u>\$21,837.67</u>

(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 <u>\$1.97</u>
2) Two Phase - per foot	\$3.46 <u>\$4.13</u>
3) Three Phase - per foot	\$5.10 <u>\$6.15</u>

- 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 <u>\$290.90</u>
Density 6.0 or greater dwelling units per acre:	\$201.83 <u>\$216.62</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.

		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 <u>\$111.66</u>	\$79.37 <u>\$91.17</u>
1.2	Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$80.39 <u>N/A</u>	N/A
2.	Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:		
	Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$131.45 <u>\$184.94</u>	\$142.87 <u>\$164.10</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:

		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 <u>\$46.50</u>	\$27.37 <u>\$31.44</u>

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

- | | | | | |
|-----|---|---------|----------------|-----------------------------------|
| 1.2 | Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit. | \$27.97 | <u>N/A</u> | N/A |
| 2. | Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral. | \$64.80 | <u>\$76.23</u> | \$38.32 <u>\$44.01</u> |
- 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~~ \$2.60.
- d) Credits will be allowed to the Applicant's contribution in section 10.3.2. where, by mutual agreement, the Applicant installs a portion of Company-provided PVC conduit, per FPL instructions (per foot of conduit): 2" PVC - ~~\$0.39~~ \$0.45; larger than 2" PVC - ~~\$0.55~~ \$0.63.
- 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~~ \$661.08.
- 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~~ \$174.25.
- 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~~ \$16.17; 24" or 30" handhole - ~~\$39.88~~ \$45.81.
- 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~~ \$26.95.
- 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~~ \$0.09.
- 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~~ \$423.05.

**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 <u>\$593.04</u>
b) per service lateral (from existing handhole or PM TX)		\$267.82 <u>\$290.90</u>
2. For any density, the Company will provide a riser to a handhole at the base of a pole		
		\$524.06 <u>\$571.36</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		
		\$2.27 <u>\$2.60</u>

(Continued on Sheet No. 6.125)

**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 <u>\$504.35</u>
2.	Where the Company provides a riser to a handhole at the base of the pole:	\$ 590.72 <u>\$675.06</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:	\$ 424.59 <u>\$545.65</u>
2.	Where the service is from an underground system:	\$ 377.00 <u>\$475.46</u>
c)	The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	\$ 362.72 <u>\$400.65</u>
d)	The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	\$ 100.33 <u>\$98.51</u>

**FINAL TARIFF
URD**

(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 \$44.91 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 applicant 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 \$5.57. Where an existing trench is utilized, the additional cost per trench foot is \$2.54. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is \$2.01. 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)

**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.	\$86.70
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	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	\$562.80
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)	\$15.37
Cost per switch package	\$21,837.67

(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	\$1.97
2) Two Phase - per foot	\$4.13
3) Three Phase - per foot	\$6.15

- 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:	\$290.90
Density 6.0 or greater dwelling units per acre:	\$216.62

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.	\$111.66	\$91.17
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	N/A	N/A
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:		
Buildings that do not exceed four units, townhouses, and mobile homes - per service lateral	\$184.94	\$164.10

- 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.	\$46.50	\$31.44

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	N/A	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	\$76.23	\$44.01
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 - \$2.60.		
d) Credits will be allowed to the Applicant's contribution in section 10.3.2. where, by mutual agreement, the Applicant installs a portion of Company-provided PVC conduit, per FPL instructions (per foot of conduit): 2" PVC - \$0.45; larger than 2" PVC - \$0.63.		
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 - \$661.08.		
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 - \$174.25.		
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 - \$16.17; 24" or 30" handhole - \$45.81.		
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 - \$26.95.		
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): \$0.09.		
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 - \$423.05.		

**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)	\$593.04
b) per service lateral (from existing handhole or PM TX)	\$290.90
2. For any density, the Company will provide a riser to a handhole at the base of a pole	\$571.36

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	\$2.60

(Continued on Sheet No. 6.125)

(Continued from Sheet No. 6.120)

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

- 1. For any density:

Buildings that do not exceed four units, townhouses, and mobile homes		
- per foot:	2" PVC	\$0.45
	Larger than 2" PVC	\$0.63

- 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:		\$44.91

**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:	\$504.35
2. Where the Company provides a riser to a handhole at the base of the pole:	\$675.06

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:	\$545.65
2. Where the service is from an underground system:	\$475.46

c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be: \$400.65

d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be: \$98.51

APPENDIX 2
URD

APPENDIX NO. 2
FPL 2007
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 Eighth Revised Sheet No. 9.702 has been revised to correct a typographical error. It now shows that the customer is not responsible for providing or installing the ell at the base of the downpipe. This bend has been provided and installed by FPL since 2001, and this sheet now reflects the policy as described on sheets 6.096 and 9.763.

The Second Revised Sheet No. 9.420 has been revised to adjust the number of services required to be connected to a transformer before the transformer is considered to be "utilized" in fulfilling the requirements for deposit refund in a Performance Guaranty Agreement. This sheet has also been revised to specify excluding street lights as a qualifying service connection.

APPENDIX 3
URD

APPENDIX NO. 3

FPL - 2007

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 standard Company design and estimating practices and the system-wide unit cost for labor and material which were in use at the end of 2006. 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	-	Front lot construction

(1) FPL Distribution Engineering Reference Manual

* All cables are to be installed in PVC conduit.

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

	<u>Differential Cost</u>
	<u>All Soil Conditions</u>
Case 1. Where density is 0.5 or greater, but less than 6 dwelling units per acre: Buildings that do not exceed four units, townhouses, and mobile homes -- per service lateral.....	\$562.80
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.....	\$86.70
Case 3. Where density is 6.0 or more dwelling units per acre: Mobile homes having Customer-owned services from meter centers installed adjacent to the FPL primary trench route -- per dwelling unit.....	\$0.00

10.4.2 UG Service Laterals from Overhead Lines. Service lateral costs are included in the differential costs previously stated except in Case 3. The costs of service laterals were estimated separately to determine the differential cost between a standard overhead service and a similar length underground service from an overhead line. This differential cost was calculated by adding the differential service lateral cost to the pole-conduit terminal cost. The average pole-conduit terminal cost was found to be \$302.14 per service lateral.

Service lateral cost.....	\$290.90
Pole-conduit cost.....	\$302.14
Total cost.....	<u>\$593.04</u>
Round To.....	\$593.04

A URD riser to a handhole at the base of the pole had a differential cost of \$571.36

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.....	\$593.04	\$0.00
Riser to handhole cost.....	\$0.00	\$571.36
Less trenching credit.....	(\$164.10)	\$0.00
Less conduit installation credit.....	(\$28.29)	\$0.00
Remaining value of existing service.....	\$66.01	\$66.01
Removal cost of existing service.....	\$37.69	\$37.69
Salvage.....	<u>\$0.00</u>	<u>\$0.00</u>
Total cost.....	\$504.35	\$675.06
Round To.....	\$504.35	\$675.06

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

	<u>OH Source</u>	<u>UG Source</u>
UG service lateral cost.....	\$290.90	\$290.90
Handhole for connection to existing riser X .25.....	\$70.19	\$0.00
Less trenching credit.....	(\$164.10)	(\$164.10)
Less conduit credit.....	(\$28.29)	(\$28.29)
Remaining value of existing service.....	\$353.74	\$353.74
Removal cost of existing service.....	\$23.21	\$23.21
Salvage.....	<u>\$0.00</u>	<u>\$0.00</u>
Total Cost.....	\$545.65	\$475.46
Round To.....	\$545.65	\$475.46

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

UG service lateral cost.....	\$290.90
Pole-conduit cost.....	\$302.14
Less trenching credit.....	(\$164.10)
Less conduit installation credit.....	<u>(\$28.29)</u>
TOTAL.....	\$400.65
Round To.....	\$400.65

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

UG service lateral cost.....	\$290.90
Less trenching credit.....	(\$164.10)
Less conduit installation credit.....	<u>(\$28.29)</u>
TOTAL.....	\$98.51
Round To.....	\$98.51

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, 2006 served by FPL are as follows:

Underground	3,015,793
Overhead	1,766,615
Total*	4,782,408

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

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

APPENDIX 4
URD

LOW DENSITY

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

Low Density 210 Lot Subdivision
Cost per Service Lateral

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$761.57	\$1,073.09	\$311.52
MATERIAL	\$618.83	\$870.11	\$251.28
TOTAL	\$1,380.40	\$1,943.20	\$562.80

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

Low Density 210 Lot Subdivision

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$101.76	\$119.80	\$221.56
Primary	\$39.45	\$115.86	\$155.31
Secondary	\$60.16	\$106.09	\$166.25
Initial Tree Trim	-----	-----	-----
Poles	\$145.94	\$256.35	\$402.29
Transformers	\$153.73	\$54.40	\$208.13
Sub-Total	\$501.04	\$652.50	\$1,153.54
Stores Handling(3)	\$29.16	-----	\$29.16
SubTotal	\$530.20	\$652.50	\$1,182.70
Engineering(5)	\$88.63	\$109.07	\$197.70
TOTAL	\$618.83	\$761.57	\$1,380.40

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % 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)	\$145.21	\$255.34	\$400.55
Primary	\$240.87	\$207.55	\$448.42
Secondary	\$109.49	\$73.63	\$183.12
Transformers	\$208.92	\$12.42	\$221.34
Prim. & Sec. Trenching	-----	\$196.29	\$196.29
Service Trenching	-----	\$174.17	\$174.17
Sub-Total	\$704.49	\$919.40	\$1,623.89
Stores Handling(3)	\$41.00	-----	\$41.00
SubTotal	\$745.49	\$919.40	\$1,664.89
Engineering(5)	\$124.62	\$153.69	\$278.31
TOTAL	\$870.11	\$1,073.09	\$1,943.20

1 - Includes Sales Tax.

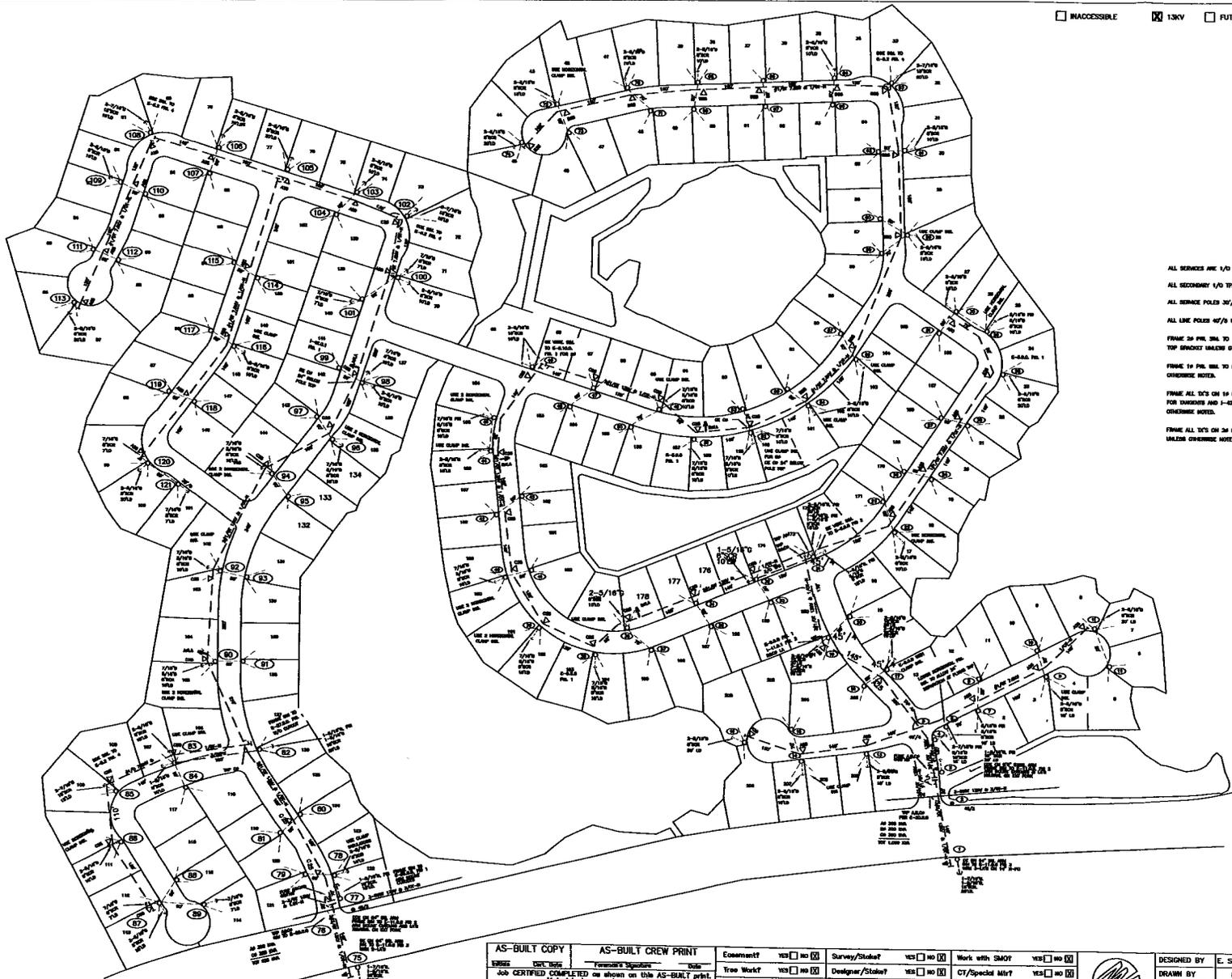
2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % of All Material and Labor.

UNACCESSIBLE
 13KV
 FUTURE 23KV
 23KV
 SALT SPRAY
 MALL



ALL SERVICES ARE 1/0 TYP
ALL SECONDARY 1/0 TYP UNLESS OTHERWISE NOTED
ALL SERVICE POLES 30' W
ALL LINE POLES 40' W UNLESS OTHERWISE NOTED
FRAME 30 PIV. SML TO E-2-2.2 WITH 20 ON POLE TOP BRACKET UNLESS OTHERWISE NOTED.
FRAME 12 PIV. SML TO E-2-1.1. PIV. 1 UNLESS OTHERWISE NOTED.
FRAME ALL 12'S ON 12 PIV. SML TO 1-11.1.1. FOR DUNDAS AND 1-11.1.1. PIV. 2 FOR 12'S UNLESS OTHERWISE NOTED.
FRAME ALL 12'S ON 24 PIV. SML TO 1-11.1.1. PIV. 1 UNLESS OTHERWISE NOTED.

PLOT DATE: 02/02/05 PLOT TIME: 09:00:00 CAD NAME: MC-NAME

ASBULT	1509183	0	03/11/05	INSTALL OH WIRES & POLES FOR TARIFF DWG
AUTH NO.	NO.	NO.	DATE	REVISION

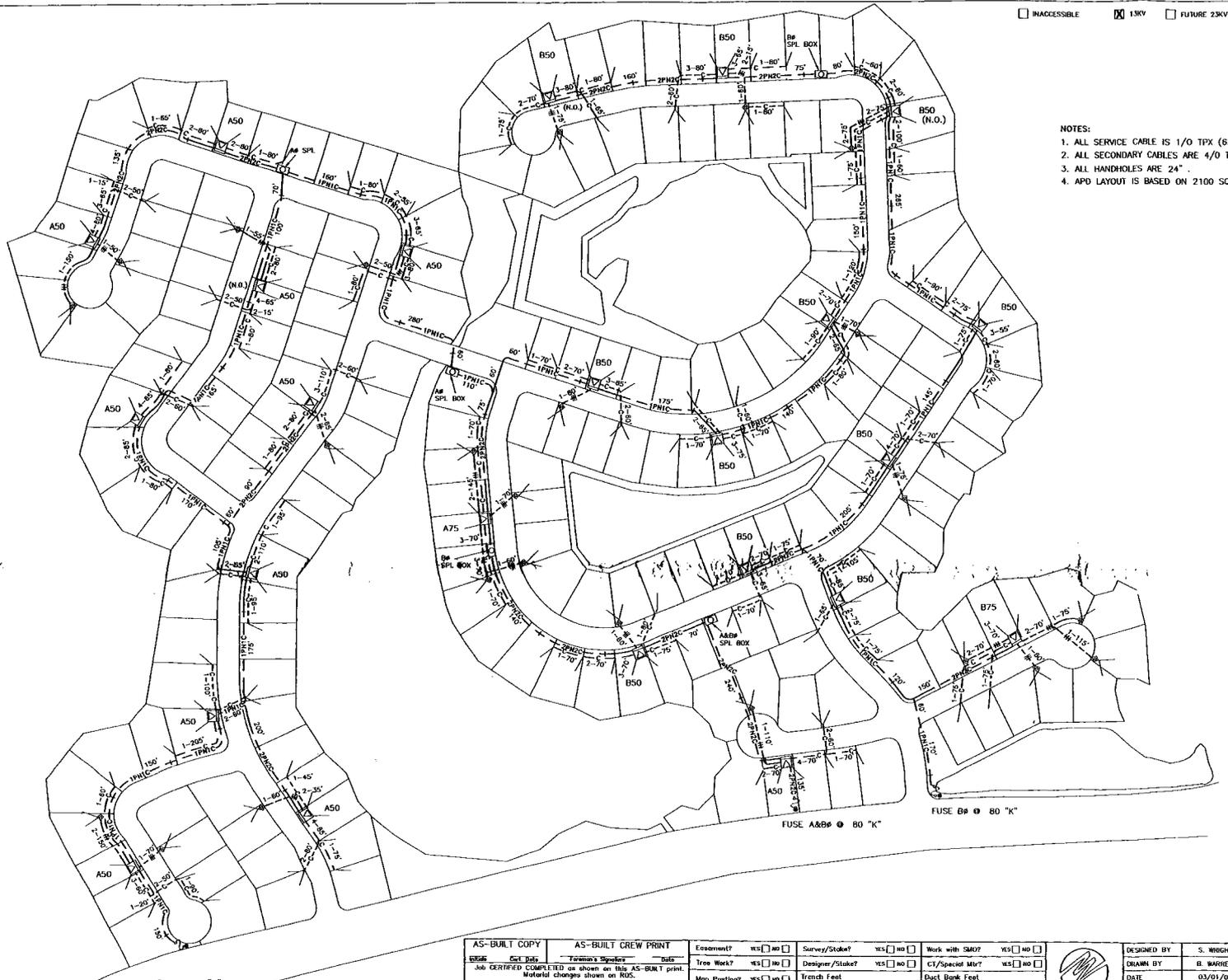
AS-BUILT COPY ENGINE: [] DATE: [] Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on R.O.C. Signature: [] Title: [] All required ground rods have been drawn & verified to be within TYP standards. Values are shown at all locations. Signature: [] Title: []	AS-BUILT CREW PRINT Signature: [] Title: []
--	--

Easement? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Tree Work? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Map Posting? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Posted by: []	Survey/Station? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Designer/Station? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Trench Feet: [] Duct Bank Feet: [] CITY OR DIST. COUNTY AIR STATE RD FAA WMD RR XING COUNTY RD. TRANSAL. Telephone Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> CATV Request? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Work with SMO? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> CT/Special Mtr? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> 
---	--	--

DESIGNED BY	E. S. DILLENKOPF
DRAWN BY	D. CHRAC
DATE	03/11/05
MAP NO.	N/A
SCALE	0 50 100 200 FEET

W/A: CD
O.H. LAYOUT
LOW DENSITY
2007 URD FILE
OHE2005
DWG NO. 1509183
REV: 6514-44-883

INACCESSIBLE 13KV FUTURE 23KV 23KV SALT SPRAY



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

AS 425 WIA
 BM 825 WIA
 REF 1265 WIA

PLOT DATE: 03/01/02
 PART TIME: 00:00:00
 CAD NAME: ND-NAME

ASBURL	1459058	0	03/01/02	ORIGINAL DWG
AUTH NO.	NO.	DATE	REVISION	

FUSE A @ 80 "K"

FUSE A&B @ 80 "K"

FUSE B @ 80 "K"

AS-BUILT COPY Date: _____ Foreman's Signature: _____ Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on R.O.C.		AS-BUILT CREW PRINT Date: _____ Foreman's Signature: _____ All required ground rods have been driven & verified to be within 1% tolerance. Values are shown at all locations.		Erection? <input type="checkbox"/> YES <input type="checkbox"/> NO	Survey/Stake? <input type="checkbox"/> YES <input type="checkbox"/> NO	Work with SM? <input type="checkbox"/> YES <input type="checkbox"/> NO		DESIGNED BY: S. WRIGHT DRAWN BY: B. WARREN DATE: 03/01/02 MAP NO.: _____	W/A SP U.G. LAYOUT LOW DENSITY 2007 URD TARIFF DWG. NO.: URDE2002 INT: 1459058 INT: 4964-44-883
Tree Work? <input type="checkbox"/> YES <input type="checkbox"/> NO	Designer/Stake? <input type="checkbox"/> YES <input type="checkbox"/> NO	Map Posting? <input type="checkbox"/> YES <input type="checkbox"/> NO	Trench Feet CITY OR. DIST. COUNTY AIR STATE RD FAA WMD RR KING COUNTY RD. TRANS.	Telephone Request? <input type="checkbox"/> YES <input type="checkbox"/> NO	CATV Request? <input type="checkbox"/> YES <input type="checkbox"/> NO	Duct Bank Feet CITY OR. DIST. COUNTY AIR STATE RD FAA WMD RR KING COUNTY RD. TRANS.		0 50 100 200 FEET	

2007 UG LOW DENSITY LAYOUT WITH 3.5 TON A/C

WR 1459058

	2005	2007
NUMBER OF LOTS =	210	210
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

CLASSIFICATION	ACCOUNT	MATERIAL	MATERIAL	MATERIAL	MATERIAL	LABOR	LABOR	LABOR	LABOR	TOTAL	TOTAL
		W/O CO	W/O CO	WITH CO	WITH CO	W/O CO	W/O CO	WITH CO	WITH CO	LABOR & MATERIAL	LABOR & MATERIAL
		2005	2007	2005	2007	2005	2007	2005	2007	2005	2007
SERVICE	369.699	\$19,612.04	\$25,129.59			\$66,809.41	\$80,770.01				
SERVICE	369.600	\$0.00	\$0.00			\$0.00	\$0.00				
MTR.INST.(L)	586.380					\$3,368.82	\$4,212.61				
MTR.COST(M)		\$5,365.50	\$5,077.80	\$25.55	\$24.18						
SERVICE TRENCH						(\$30,002.99)	(\$34,461.24)				
SERVICE SUBT W/O STORES LDG		\$23,825.63	\$28,731.41	\$121.18	\$145.21	\$40,175.24	\$50,521.38	\$204.33	\$255.34	\$325.51	\$400.55
PRIMARY	365.999	\$0.00	\$696.97			\$0.00	\$954.44				
PRIMARY	366.201	\$19,633.38	\$23,331.27			\$57,439.48	\$66,280.41				
PRIMARY	593.180	\$834.45	\$214.26			\$1,240.40	\$553.88				
PRIMARY	366.203	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	366.204	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	367.201	\$21,097.31	\$26,389.18			\$10,621.35	\$12,113.03				
PRIMARY	364.999	\$0.00	\$0.00			\$0.00	\$0.00				
PRI/SEC TRENCH						(\$33,812.90)	(\$38,837.27)				
PRIMARY SUBT W/O STORES LDG		\$39,123.81	\$47,657.83	\$198.98	\$240.87	\$35,488.33	\$41,064.49	\$180.49	\$207.55	\$379.47	\$448.42
SECONDARY	367.122	\$17,951.56	\$23,015.41			\$10,621.35	\$14,568.92				
SEC SUBT W/O STORES LDG		\$16,897.18	\$21,663.60	\$85.94	\$109.49	\$10,621.35	\$14,568.92	\$54.02	\$73.63	\$139.96	\$183.12
TRANSFORMER	583.280	\$0.00	\$0.00			\$1,182.38	\$1,358.30				
TRANSFORMER	366.801	\$1,973.76	\$2,519.74			\$957.17	\$1,099.83				
TRANSFORMER	PLANT (MAT) 368	\$24,969.31	\$38,963.81								
TRANSFORMER SUBTOTAL		\$26,827.14	\$41,335.55	\$136.44	\$208.92	\$2,139.55	\$2,458.13	\$10.88	\$12.42	\$147.32	\$221.34
PRI/SEC TRENCH						\$33,812.90	\$38,837.27	\$171.97	\$196.29	\$171.97	\$196.29
SVC TRENCH						\$30,002.99	\$34,461.24	\$152.60	\$174.17	\$152.60	\$174.17
SUB-TOTAL		\$106,673.76	\$139,388.39	\$542.54	\$704.49	\$152,240.36	\$181,911.43	\$774.29	\$919.40	\$1,316.83	\$1,623.89
MATERIAL SUBTOTAL MINUS METER MATERIAL				\$516.99	\$680.31						
STORES LDG. %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG				\$33.04	\$41.00					\$33.04	\$41.00
SUBTOTAL				\$575.58	\$745.49			\$774.29	\$919.40	\$1,349.87	\$1,664.89
E0				\$108.66	\$124.62			\$146.18	\$153.69	\$254.84	\$278.31
TOTAL				\$684.24	\$870.11			\$920.47	\$1,073.09	\$1,604.71	\$1,943.20

2007 OH LOW DENSITY LAYOUT WITH 3.5 TON A/C

WR 1509183

	2005	2007
NUMBER OF LOTS =	210	210
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG % =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 2005	MATERIAL W/O CO 2007	MATERIAL COST/LOT WITH CO 2005	MATERIAL COST/LOT WITH CO 2007	LABOR W/O CO 2005	LABOR W/O CO 2007	LABOR COST/LOT WITH CO 2005	LABOR COST/LOT WITH CO 2007	TOTAL LABOR & MATERIAL 2005	TOTAL LABOR & MATERIAL 2007
SERVICE	369.101	\$9,146.85	\$0.00			\$6,439.22	\$0.00				
SERVICE	369.100	\$1,905.33	\$15,996.49			\$9,198.98	\$19,490.20				
MTR.INST.(LAB)	586.380					\$3,368.82	\$4,212.61				
MTR.COST(MAT)		\$5,365.50	\$5,077.80	\$25.55	\$24.18						
SERVICE SUBT W/O STORES LDG		\$15,768.53	\$20,134.74	\$80.20	\$101.76	\$19,007.02	\$23,702.81	\$96.67	\$119.80	\$176.87	\$221.56
PRIMARY	365.002	\$7,360.97	\$8,293.07			\$16,456.36	\$22,924.35				
PRIMARY	365.999	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY SUBT W/O STORES LDG		\$6,928.62	\$7,805.98	\$35.24	\$39.45	\$16,456.36	\$22,924.35	\$83.70	\$115.86	\$118.94	\$155.31
SECONDARY	365.040	\$4,806.77	\$5,462.67			\$10,930.43	\$15,226.60				
SECONDARY	365.091	\$6,143.54	\$7,182.85			\$7,738.91	\$5,755.69				
SECONDARY	365.095	\$0.00	\$0.00			\$0.00	\$0.00				
SECONDARY	594.600	\$0.35	\$0.44			\$7.22	\$9.02				
SECONDARY	365.999	\$0.00	\$0.00			\$0.00	\$0.00				
SEC SUBT W/O STORES LDG		\$10,307.47	\$11,903.20	\$52.42	\$60.16	\$18,676.56	\$20,991.32	\$94.99	\$106.09	\$147.41	\$166.25
TREE TRIM(L)											
POLES	364.130	\$6,720.68	\$7,555.64			\$16,079.25	\$20,096.18				
POLES	364.135	\$20,413.31	\$23,121.73			\$24,503.26	\$30,624.93				
POLES	364.140	\$0.00	\$0.00			\$0.00	\$0.00				
POLES	364.999	\$0.00	\$0.00			\$0.00	\$0.00				
POLE SUBT W/O STORES LDG		\$25,540.28	\$28,875.54	\$129.90	\$145.94	\$40,582.51	\$50,721.11	\$206.40	\$256.35	\$336.30	\$402.29
TRANSFORMER	583.180	\$0.00	\$0.00			\$0.00	\$0.00				
TRANSFORMER	583.200	\$0.00	\$0.00			\$8,611.37	\$10,763.45				
TRANSFORMER PLANT (MAT)	368	\$25,003.13	\$30,416.04								
TRANSFORMER SUBTOTAL		\$25,003.13	\$30,416.04	\$127.17	\$153.73	\$8,611.37	\$10,763.45	\$43.80	\$54.40	\$170.97	\$208.13
SUB-TOTAL		\$83,548.03	\$99,135.50	\$424.93	\$501.04	\$103,333.82	\$129,103.04	\$525.56	\$652.50	\$950.49	\$1,153.54
MATERIAL SUBTOTAL MINUS METER MATERIAL				\$399.38	\$476.86						
STORES LDG %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG \$				\$25.88	\$29.16					\$25.88	\$29.16
SUBTOTAL				\$450.81	\$530.20			\$525.56	\$652.50	\$976.37	\$1,182.70
EO				\$85.11	\$88.63			\$99.22	\$109.07	\$184.33	\$197.70
TOTAL				\$535.92	\$618.83			\$624.78	\$761.57	\$1,160.70	\$1,380.40

HIGH DENSITY

COMPANY: FPL

DATE: 03/29/07

OVERHEAD VS. UNDERGROUND SUMMARY SHEET

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

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$562.56	\$596.84	\$34.28
MATERIAL	\$503.71	\$556.13	\$52.42
TOTAL	\$1,066.27	\$1,152.97	\$86.70

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

High Density 176 Lot Subdivision
Company Owned Service Laterals

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$83.88	\$107.31	\$191.19
Primary	\$11.11	\$45.79	\$56.90
Secondary	\$91.87	\$110.29	\$202.16
Initial Tree Trim	-----	-----	-----
Poles	\$100.85	\$196.25	\$297.10
Transformers	\$120.12	\$22.35	\$142.47
Sub-Total	\$407.83	\$481.99	\$889.82
Stores Handling(3)	\$23.74	-----	\$23.74
SubTotal	\$431.57	\$481.99	\$913.56
Engineering(5)	\$72.14	\$80.57	\$152.71
TOTAL	\$503.71	\$562.56	\$1,066.27

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % of All Material and Labor.

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

ITEM	MATERIAL(1)	LABOR(4)	TOTAL
Service(2)	\$153.41	\$123.11	\$276.52
Primary	\$123.48	\$121.91	\$245.39
Secondary	\$45.78	\$43.66	\$89.44
Transformers	\$127.60	\$7.41	\$135.01
Prim. & Sec. Trenching	-----	\$118.51	\$118.51
Service Trenching	-----	\$96.76	\$96.76
Sub-Total	\$450.27	\$511.36	\$961.63
Stores Handling(3)	\$26.21	-----	\$26.21
SubTotal	\$476.48	\$511.36	\$987.84
Engineering(5)	\$79.65	\$85.48	\$165.13
TOTAL	\$556.13	\$596.84	\$1,152.97

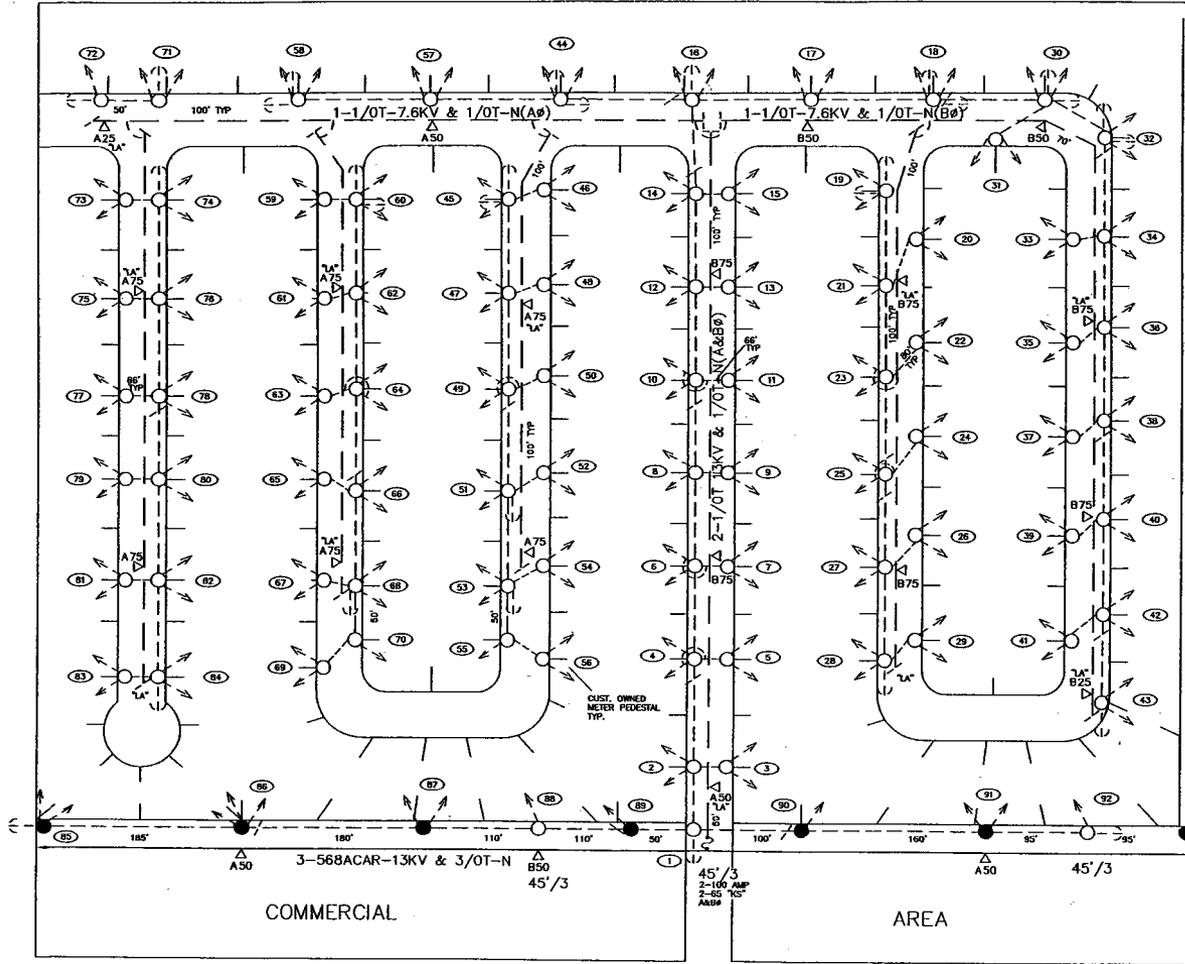
1 - Includes Sales Tax.

2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % of All Material and Labor.



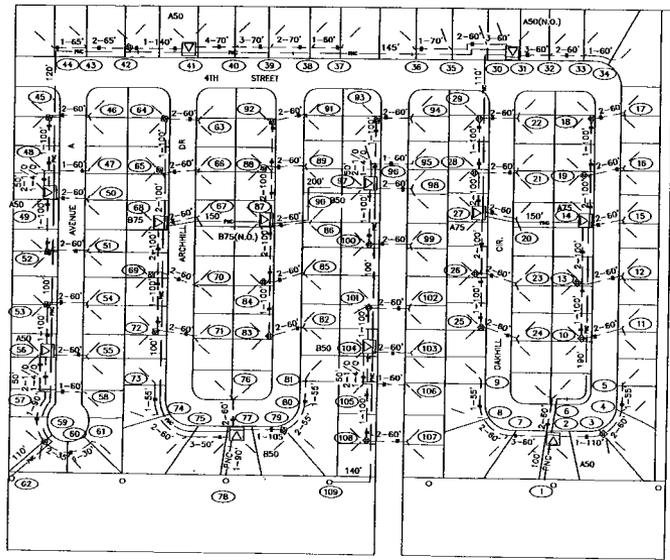
1. ALL SERVICES ARE #1/0 TPX. 45' LONG
2. ALL GUYS ARE 5/16", 8" SCR, 20' LD
3. ALL LINE POLES ARE 40'/5 UNLESS OTHERWISE NOTED.
4. ALL SVC POLE ARE 30'/6
5. ALL SEC COND IS 3/0 TPX
6. FRAME LOC. 1 PER E-27.0.0, FIG. 2
7. FRAME LOCS 4, 8, 10, & 14 SIMILAR TO E-5.0.0 (2Ø)
8. FRAME LOCS 2 & 12 SIMILAR TO I-41.0.1, FIG 2
9. FRAME LOC 6 SIMILAR TO I-41.0.1, FIG 1
10. FRAME LOC 16 WITH 2-Ø'S D.E. VERT
11. FRAME TYP TANG TX POLES (1Ø) PER I-41.0.0
12. FRAME TYP D.E. TX POLES (1Ø) PER I-42.0.1, FIG 2A
13. FRAME LOCS 86 & 91 SIMILAR TO I-41.0.1 FIG 2
14. FRAME LOC 88 SIMILAR TO I-41.0.1, FIG 1

LATERAL LOADING

AØ = 575 KVA
 BØ = 575 KVA
TOTAL = 1150 KVA

PLOT DATE: 3/10/2007 PLOT TIME: 12:52:51 PM CWO NAME: DW

2588243	4	02/22/07	UPDATE DWG WITH METER PEDESTALS	AS-BUILT COPY	AS-BUILT CREW PRINT	Easement? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Tree Work? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Map Posting? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Survey/Station? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Designer/Station? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> French Feet Duct Bank Feet Telephone Request? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> CATV Request? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Work with SMO? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> CT/Special Mt? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		DESIGNED BY: C. PETERSON DRAWN BY: O. WESNER DATE: 02/21/07 MAP NO.: ALL SCALE: 0 25 50 100 FEET	#/A CD HIGH DENSITY 176 LOTS - OVERHEAD 2007 URD TARIFF DWG NO. URDE92 PRJ: 2574183 INT: 7440-47-883
2574183	3	02/21/07	NEW OH TARIFF DESIGN	Date: _____ Designer's Signature: _____ Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on RDS.	Date: _____ Supervisor's Signature: _____ All required ground rods have been driven & verified to be within FR standards. Values are shown at all locations.	CITY: _____ DRL. DIST.: _____ COUNTY AIR: _____ STATE RD: _____ FAA: _____ WMD: _____ RR XING: _____ COUNTY RD: _____ TRANSAL: _____					
1324918	2	01/23/07	CLEAN BACKGROUND								
1322235	1	01/04/05	EDIT POLE SIZE								
6484-03-010	0	02/05/97	ORIGINAL DWG								
ASBUILT	AUTH NO.	NO.	DATE	REVISION							



- NOTES:
1. ALL SERVICE CABLES ARE 1/0 TPK (35' LONG).
 2. ALL SECONDARY CABLES ARE 4/0 TPK, UNLESS NOTED.
 3. ALL HANDHOLES ARE 24" WITH 5 PORT MULT-TAPS.
 4. ALL A/C'S ARE 2.5 TON.

AS 400 KVA
 BS 300 KVA
 TOT 700 KVA

PLOT DATE: 02/02/05 CAD NAME: NC-VAME PLOT TIME: 06:00:00

AS-BUILT COPY Date: 01/04/05 Designer/Signer: S. THORNTON		AS-BUILT CREW PRINT Foreman's Signature: _____ Date: _____		Equipment <input checked="" type="checkbox"/> no <input type="checkbox"/>	Survey/Stake? <input checked="" type="checkbox"/> no <input type="checkbox"/>	Work with SMO? <input checked="" type="checkbox"/> no <input type="checkbox"/>		DESIGNED BY: E. DILLENKOFER DRAWN BY: S. THORNTON DATE: 01/04/05	W/A SP U.G. LAYOUT HIGH DENSITY 2007 URD TARIFF 1/8 LOT SUBDIVISION URDE94 DWG. NO. 1328347 ITR: 1428-44-883
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on RDS.		Tree Work? <input checked="" type="checkbox"/> no <input type="checkbox"/>	Designer/Stake? <input checked="" type="checkbox"/> no <input type="checkbox"/>	Map Posting? <input checked="" type="checkbox"/> no <input type="checkbox"/>	CT/Special Mbr? <input checked="" type="checkbox"/> no <input type="checkbox"/>	Duct Bank Feet		MAP NO.	
Signature's Signature: _____ Date: _____ All credited ground risks have been drawn & verified to be within FPL standards. Values are shown at all locations.		Foreman's Signature: _____ Date: _____	Trench Feet	Telephone Request? <input checked="" type="checkbox"/> no <input type="checkbox"/>	CATV Request? <input checked="" type="checkbox"/> no <input type="checkbox"/>	CITY: _____ DIST: _____ COUNTY AIR: _____ STATE RD: _____ FAA: _____ HND: _____ RR KING: _____ COUNTY RD: _____ TRANS: _____	0 50 100 200 FEET		

2007 UG HIGH DENSITY LAYOUT

WR 1328347

NUMBER OF LOTS =	2005 176	2007 176
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG % =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

CLASSIFICATION	ACCOUNT	MATERIAL	MATERIAL	MATERIAL	MATERIAL	LABOR	LABOR	LABOR	LABOR	TOTAL	TOTAL
		W/O CO 2005	W/O CO 2007	WITH CO 2005	WITH CO 2007	W/O CO 2005	W/O CO 2007	WITH CO 2005	WITH CO 2007	LABOR & MATERIAL 2005	LABOR & MATERIAL 2007
SERVICE	369.699	\$17,493.67	\$22,352.95			\$28,323.46	\$32,925.80				
SERVICE	594.700	\$130.95	\$152.28			\$0.00	\$3.24				
SERVICE	369.600	\$0.00	\$0.00			\$0.00	\$0.00				
MTR.INST.(L)	586.380					\$2,823.39	\$3,530.56				
MTR.COST(M)		\$4,496.80	\$4,255.68	\$25.55	\$24.18						
SERVICE TRENCH						(\$13,969.65)	(\$16,045.44)				
SERVICE SUBT	W/O STORES LDG	\$21,086.24	\$25,439.07	\$127.96	\$153.41	\$17,177.20	\$20,414.16	\$87.16	\$123.11	\$215.12	\$276.52
PRIMARY	366.201	\$10,089.29	\$11,791.72			\$26,745.11	\$30,868.83				
PRIMARY	366.202	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	366.203	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	593.180	\$525.60	\$53.28			\$814.96	\$0.04				
PRIMARY	365.999	\$0.00	\$406.32			\$0.00	\$565.40				
PRIMARY	367.201	\$7,789.60	\$9,501.20			\$6,588.59	\$8,433.10				
PRIMARY	364.999	\$0.00	\$0.00			\$0.00	\$0.00				
PRI/SEC TRENCH						(\$17,109.38)	(\$19,651.72)				
PRIMARY SUBT	W/O STORES LDG	\$17,323.50	\$20,474.88	\$105.13	\$123.48	\$17,039.28	\$20,215.65	\$120.49	\$121.91	\$225.62	\$245.39
SECONDARY	367.122	\$6,210.63	\$8,065.48			\$6,588.59	\$7,239.75				
SECONDARY SUBT	W/O STORES LDG	\$5,845.85	\$7,591.76	\$35.48	\$45.78	\$6,588.59	\$7,239.75	\$39.98	\$43.66	\$75.46	\$89.44
TRANSFORMER	583.280	\$0.00	\$0.00			\$591.12	\$679.08				
TRANSFORMER	366.801	\$986.88	\$1,259.88			\$478.56	\$549.96				
TRANSFORMER	PLANT (MAT) 368	\$13,123.48	\$19,973.68								
TRANSFORMER	SUBTOTAL	\$14,052.40	\$21,159.56	\$85.28	\$127.60	\$1,069.68	\$1,229.04	\$6.49	\$7.41	\$91.77	\$135.01
PRI/SEC TRENCH						\$17,109.38	\$19,651.72	\$86.74	\$118.51	\$86.74	\$118.51
SVC TRENCH						\$13,969.65	\$16,045.44	\$101.86	\$96.76	\$101.86	\$96.76
SUB-TOTAL		\$58,307.99	\$74,665.27	\$353.85	\$450.27	\$72,953.78	\$84,795.76	\$442.72	\$511.36	\$796.57	\$961.63
MATSUB-MTR.(M)				\$328.30	\$426.09						
STORES LDG. %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG				\$21.55	\$26.21					\$21.55	\$26.21
SUBTOTAL				\$375.40	\$476.48			\$442.72	\$511.36	\$818.12	\$987.84
EO				\$70.87	\$79.65			\$83.58	\$85.48	\$154.45	\$165.13
TOTAL				\$446.27	\$556.13			\$526.30	\$596.84	\$972.57	\$1,152.97

2007 OH HIGH DENSITY LAYOUT

WR 2574183

	2005	2007
NUMBER OF LOTS =	176	176
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG % =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

CLASSIFICATION	ACCOUNT	MATERIAL W/O CO 2005	MATERIAL W/O CO 2007	MATERIAL COST/LOT WITH CO 2005	MATERIAL COST/LOT WITH CO 2007	LABOR W/O CO 2005	LABOR W/O CO 2007	LABOR COST/LOT WITH CO 2005	LABOR COST/LOT WITH CO 2007	TOTAL LABOR & MATERIAL 2005	TOTAL LABOR & MATERIAL 2007
SERVICE	369.101	\$5,449.60	\$0.00			\$3,839.80	\$0.00				
SERVICE	369.100	\$1,467.78	\$10,256.46			\$7,635.89	\$14,262.96				
MTR.INST.(LAB)	586.300					\$2,823.39	\$3,530.56				
MTR.COST(MAT)		\$4,496.80	\$4,255.68	\$25.55	\$24.18						
SERVICE SUBT	W/O STORES LDG	\$11,007.89	\$13,909.73	\$66.80	\$83.88	\$14,299.08	\$17,793.52	\$86.77	\$107.31	\$153.57	\$191.19
PRIMARY	365.002	\$1,647.75	\$1,957.98			\$5,307.98	\$7,537.62				
PRIMARY	365.999	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	593.180		\$0.00				\$55.74				
PRIMARY SUBT	W/O STORES LDG	\$1,550.97	\$1,842.98	\$9.41	\$11.11	\$5,307.98	\$7,593.36	\$32.21	\$45.79	\$41.62	\$56.90
SECONDARY	365.040	\$1,647.75	\$1,671.15			\$5,189.59	\$6,433.48				
SECONDARY	365.091	\$9,639.39	\$14,513.29			\$7,162.59	\$11,854.59				
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	\$0.00	\$0.00			\$0.00	\$0.00				
SECONDARY SUBT	W/O STORES LDG	\$10,624.19	\$15,233.85	\$64.47	\$91.87	\$12,352.18	\$18,288.07	\$74.96	\$110.29	\$139.43	\$202.16
TREE TRIM(L)											
POLES	364.130	\$912.51	\$5,116.65			\$2,222.72	\$14,301.50				
POLES	364.135	\$12,152.04	\$12,650.36			\$17,257.43	\$18,241.23				
POLES	364.140	\$0.00	\$0.00			\$0.00	\$0.00				
POLES	364.999	\$0.00	\$0.00			\$0.00	\$0.00				
POLE SUBT W/O	STORES LDG	\$12,297.20	\$16,723.47	\$74.63	\$100.85	\$19,480.15	\$32,542.73	\$118.22	\$196.25	\$192.85	\$297.10
TRANSFORMER	583.280	\$0.00	\$0.00			\$2,606.84	\$3,705.45				
TRANSFORMER	583.180	\$0.00	\$0.00			\$0.00	\$0.00				
TRANSFORMER	PLANT (MAT) 368	\$9,776.13	\$19,918.45								
TRANSFORMER	SUBTOTAL	\$9,776.13	\$19,918.45	\$59.33	\$120.12	\$2,606.84	\$3,705.45	\$15.82	\$22.35	\$75.15	\$142.47
SUB-TOTAL		\$45,256.38	\$67,628.48	\$274.64	\$407.83	\$54,046.23	\$79,923.13	\$327.98	\$481.99	\$602.62	\$889.82
MATSUB-MTR.(M)				\$249.09	\$383.65						
STORES LDG. %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG				\$16.73	\$23.74					\$16.73	\$23.74
SUBTOTAL				\$291.37	\$431.57			\$327.98	\$481.99	\$619.35	\$913.56
E0				\$55.01	\$72.14			\$61.92	\$80.57	\$116.93	\$152.71
TOTAL				\$346.38	\$503.71			\$389.90	\$562.56	\$736.28	\$1,066.27

METER PEDESTAL

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	\$406.55	\$361.74	(\$44.81)
MATERIAL	\$416.24	\$422.93	\$6.69
TOTAL *	\$822.79	\$784.67	(\$38.12)

* The differential has been reduced to \$0 in the URD filing since the differential is a negative amount.

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)	\$52.43	\$63.43	\$115.86
Primary	\$11.75	\$44.42	\$56.17
Secondary	\$74.12	\$88.48	\$162.60
Initial Tree Trim	-----	-----	-----
Poles	\$78.60	\$129.64	\$208.24
Transformers	\$120.12	\$22.35	\$142.47
Sub-Total	\$337.02	\$348.32	\$685.34
Stores Handling(3)	\$19.61	-----	\$19.61
SubTotal	\$356.63	\$348.32	\$704.95
Engineering(5)	\$59.61	\$58.23	\$117.84
TOTAL	\$416.24	\$406.55	\$822.79

1 - Includes Sales Tax.

2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % 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)	\$25.66	\$21.29	\$46.95
Primary	\$119.80	\$104.99	\$224.79
Secondary	\$88.00	\$79.47	\$167.47
Transformers	\$108.97	\$6.18	\$115.15
Prim. & Sec. Trenching	-----	\$98.00	\$98.00
Service Trenching	-----	-----	-----
Sub-Total	\$342.43	\$309.93	\$652.36
Stores Handling(3)	\$19.93	-----	\$19.93
SubTotal	\$362.36	\$309.93	\$672.29
Engineering(5)	\$60.57	\$51.81	\$112.38
TOTAL	\$422.93	\$361.74	\$784.67

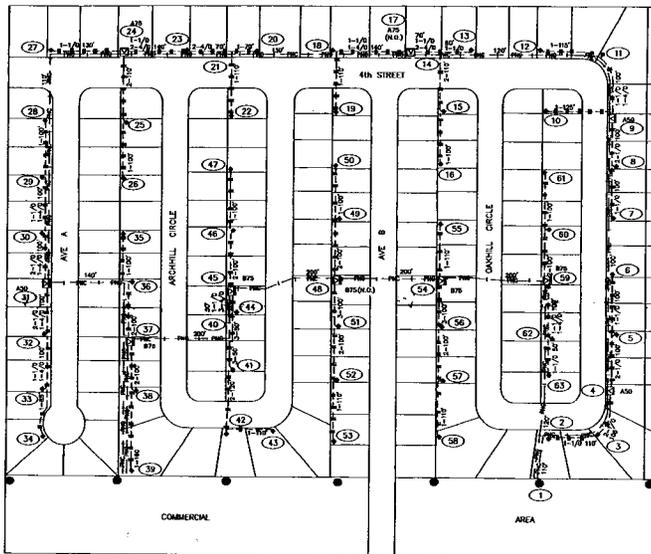
1 - Includes Sales Tax.

2 - Includes Meters.

3 - 5.82 % of All Material.

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

5 - 16.716 % of All Material and Labor.



NOTES:
 1. ALL SECONDARY IS 4/0 UNLESS NOTED.
 2. ALL HYS ARE 24" WITH 3 PORT (25VCS) OR 5 PORT (3-4 SVCS) MULTITAPS.

AM 300 KVA
 BF 375 KVA
 TOT 675 KVA

DATE: 01/04/05 PLOT TIME: 00:00:00 Dwg NAME: UR-NAME

1568886	1	01/04/05
6486-03-010	0	02/05/97
AS-BUILT	AUTH NO.	NO. DATE

ADD MECA LOCATIONS

ORIGINAL DWG

REVISION

AS-BUILT COPY	AS-BUILT CREW PRINT
DATE: 01/04/05	DATE: 01/04/05
Supervisor's Signature: _____	Foreman's Signature: _____
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.	
All required ground rods have been driven & verified to be within IEEE Standards. Values are shown at all locations.	
Supervisor's Signature: _____	Date: _____
Foreman's Signature: _____	Date: _____

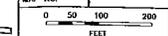
Easement?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
Tree Work?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
Map Posting?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
Printed by	

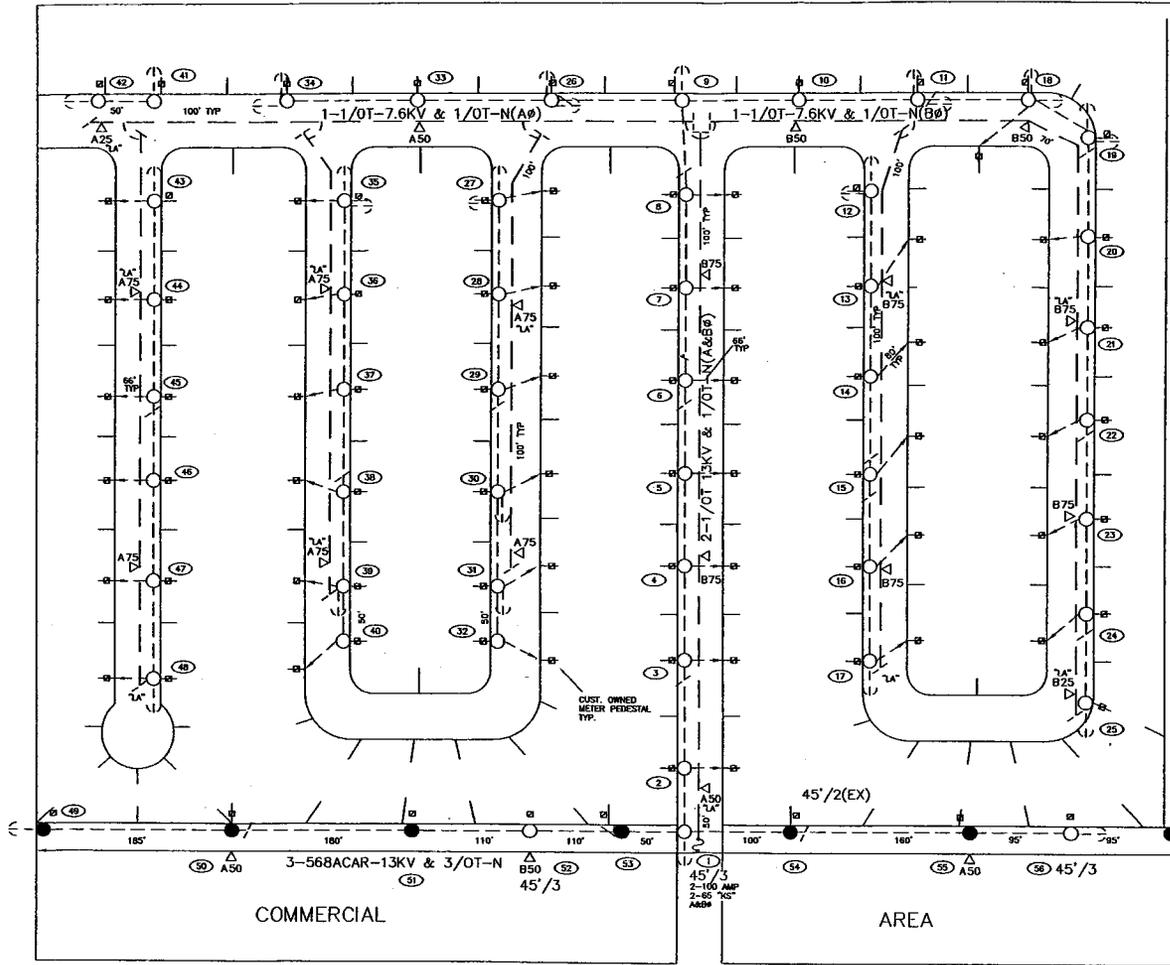
Survey/Stake?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>			
Designer/Stake?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>			
Trench Feet				
Duct Bank Feet				
City	OR, DIST	COUNTY AIR	STATE RD	FAA
WMO	HT KING	COUNTY RD	TRANSAL	
Telephone Request?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>			
CATV Request?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>			



DESIGNED BY	E. OLLENROOFER
DRAWN BY	S. THORNTON
DATE	01/04/05
MAP NO.	

W/A SP
U.G. LAYOUT
METER PEDESTAL
2007 URD TARIFF
1/8 LOT SUBDIVISION
URDE95
DWG NO. 1368886
REV: 2435-44-883





- NOTES**
1. ALL GUYS ARE 5/16", 8" SCR, 20' LD
 2. ALL SVC'S TO CUST. METER PEDESTALS ADJACENT TO LINE POLES ARE 1/0 TPX, 16' LONG. SERVICES CROSSING ROADS ARE 1/0 TPX, LENGTH VARIES.
 3. ALL POLES ARE 40'5 UNLESS NOTED OTHERWISE.
 4. ALL SEC. CONDS. ARE 3/0 TPX.
 5. FRAME LOC 1 PER E-27.0.0, FIG 2.
 6. FRAME LOCS 3, 5, 6, & 8 SIMILAR TO E-5.0.0(2#)
 7. FRAME LOCS 2 & 7 SIMILAR TO I-41.0.1, FIG 2
 8. FRAME LOC 4 SIMILAR TO I-41.0.1, FIG 1
 9. FRAME LOC 9 WITH 2#S D.E. VERT
 10. FRAME TYP TANG TX POLES (1#) PER I-41.0.0
 11. FRAME TYP D.E. TX POLES (1#) PER I-42.0.1, FIG 2A
 12. FRAME SLOCS 50 & 55 SIMILAR TO I-41.0.1, FIG 2
 13. FRAME LOC. 52 SIMILAR TIO I-41.0.1, FIG 1.

LATERAL LOADING

A# = 575 KVA
 B# = 575 KVA
 TOTAL = 1150 KVA

PLOT DATE: 3/7/2007
 PLOT TIME: 11:56:28 AM
 CAD NAME: DW

2588243	3	03/08/07	UPDATE DWG WITH METER PEDESTALS
1324918	2	01/23/07	CLEAN BACKGROUND
1324918	1	01/04/05	EDIT POLE SIZE
6484-04-010	0	02/05/97	ORIGINAL DWG
ASBUILT	AUTH NO.	NL	DATE
			REVISION

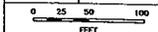
AS-BUILT COPY	AS-BUILT CREW PRINT
DESIGNER'S SIGNATURE	DATE
JOB CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on RDS.	
SUPERVISOR'S SIGNATURE	DATE
All regulated ground rods have been driven & verified to be within 1 FT. standards. Values are shown at all locations.	
FORWARDER'S SIGNATURE	DATE

Estimate?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Survey/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Tree Work?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Design/Stake?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CT/Special Mt?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Mop Posting?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Trench Feet		Duct Bank Feet	
Posted by		Telephone Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

CITY	DR. DIST.	COUNTY	ARR.	STATE	RD.	FAA
WAD	RR XING	COUNTY	RD.	TRANS.		

DESIGNED BY	G. PETERSON
DRAWN BY	D. WESNER
DATE	03/08/07
MAP NO.	ALL

W/C	CD
METER PEDESTALS	
176 LOTS - OVERHEAD	
2007 URD TARIFF	
DWG NO.	URDE93
WR	2588243
INT	8036-47-883



2007 UG METER PEDESTAL LAYOUT

WR 1368886

	2005	2007
NUMBER OF LOTS =	176	176
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG% =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

CLASSIFICATION	ACCOUNT	MATERIAL		MATERIAL	MATERIAL	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 &
		2005	2007	WITH CO	WITH CO	2005	2007	WITH CO	WITH CO	MATERIAL	MATERIAL
		2005	2007	2005	2007	2005	2007	2005	2007	2005	2007
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					\$2,823.39	\$3,530.56				
MTR.COST(MAT)		\$4,496.80	\$4,255.68	\$25.55	\$24.18						
SERVICE TRENCH						\$0.00	\$0.00				
SERVICE SUBT	W/O STORES LDG	\$4,496.80	\$4,255.68	\$27.29	\$25.66	\$2,823.39	\$3,530.56	\$17.13	\$21.29	\$44.42	\$46.95
PRIMARY	366.201	\$10,441.82	\$11,892.45			\$22,850.91	\$26,368.19				
PRIMARY	366.202	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	366.203	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	366.204	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	366.205	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	365.999	\$0.00	\$406.34			\$0.00	\$565.44				
PRIMARY	367.201	\$7,077.45	\$8,680.38			\$8,435.38	\$6,652.92				
PRIMARY	594.680	\$0.00	\$0.00			\$0.00	\$0.73				
PRIMARY	593.180	\$486.48	\$125.28			\$540.64	\$74.18				
PRI/SEC TRENCH						(\$14,148.73)	(\$16,251.13)				
PRIMARY SUBT	W/O STORES LDG	\$16,948.18	\$19,864.88	\$102.85	\$119.80	\$17,678.20	\$17,410.33	\$107.28	\$104.99	\$210.13	\$224.79
SECONDARY	367.122	\$11,993.76	\$15,502.56			\$8,435.38	\$13,177.66				
SECONDARY SUBT	W/O STORES LDG	\$11,289.31	\$14,592.01	\$68.51	\$88.00	\$8,435.38	\$13,177.66	\$51.19	\$79.47	\$119.70	\$167.47
TRANSFORMER	583.280	\$0.00	\$0.00			\$492.60	\$565.90				
TRANSFORMER	366.801	\$822.40	\$1,049.90			\$398.80	\$458.30				
TRANSFORMER	PLANT (MAT) 368	\$11,504.09	\$17,081.86								
TRANSFORMER	SUBTOTAL	\$12,278.19	\$18,070.09	\$74.51	\$108.97	\$891.40	\$1,024.20	\$5.41	\$6.18	\$79.92	\$115.15
PRI/SEC TRENCH						\$14,148.73	\$16,251.13	\$85.86	\$98.00	\$85.86	\$98.00
SVC TRENCH						\$0.00	\$0.00	\$0.00	\$0.00		
SUB-TOTAL		\$45,012.48	\$56,782.66	\$273.16	\$342.43	\$43,977.10	\$51,393.88	\$266.87	\$309.93	\$540.03	\$652.36
MATSUB-MTR.(M)				\$247.61	\$318.25						
STORES LDG. %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG				\$16.64	\$19.93					\$16.64	\$19.93
SUBTOTAL				\$289.80	\$362.36			\$266.87	\$309.93	\$556.67	\$672.29
E0				\$54.71	\$60.57			\$50.38	\$51.81	\$105.09	\$112.38
TOTAL				\$344.51	\$422.93			\$317.25	\$361.74	\$661.76	\$784.67

2007 OH METER PEDESTAL LAYOUT

WR 2588243

	2005	2007
NUMBER OF LOTS =	176	176
MECA STORES LDG % =	6.24%	6.24%
ACTUAL STORES LDG % =	6.09%	5.82%
ACTUAL EO =	18.88%	16.72%
ADJUSTED CO =	6.81%	6.14%

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 &
		2005	2007	2005	2007	2005	2007	2005	2007	2005	2007
SERVICE	369.101	\$649.59	\$0.00			\$458.58	\$0.00				
SERVICE	369.100	\$492.75	\$4,714.65			\$2,584.23	\$6,987.48				
MTR.INST.(LAB)	586.380					\$2,823.39	\$3,530.56				
MTR.COST(MAT)		\$4,496.80	\$4,255.68	\$25.55	\$24.18						
SERVICE SUBT	W/O STORES LDG	\$5,572.04	\$8,693.42	\$33.81	\$52.43	\$5,866.20	\$10,518.04	\$35.60	\$63.43	\$69.41	\$115.86
PRIMARY	365.002	\$1,645.77	\$2,070.17			\$5,209.72	\$7,301.53				
PRIMARY	365.999	\$0.00	\$0.00			\$0.00	\$0.00				
PRIMARY	593.180		\$0.00				\$63.76				
PRIMARY SUBT	W/O STORES LDG	\$1,549.11	\$1,948.57	\$9.40	\$11.75	\$5,209.72	\$7,365.29	\$31.62	\$44.42	\$41.02	\$56.17
SECONDARY	365.040	\$1,645.77	\$1,763.92			\$5,123.98	\$6,221.41				
SECONDARY	365.091	\$9,382.86	\$11,292.96			\$6,861.62	\$8,450.77				
SECONDARY	365.095	\$0.00	\$0.00			\$0.00	\$0.00				
SECONDARY	365.999	\$0.00	\$0.00			\$0.00	\$0.00				
SECONDARY SUBT	W/O STORES LDG	\$10,380.86	\$12,289.98	\$63.00	\$74.12	\$11,985.60	\$14,672.18	\$72.73	\$88.48	\$135.73	\$162.60
TREE TRIM(L)											
POLES	364.130	\$917.55	\$288.63			\$2,252.21	\$851.94				
	364.135	\$11,633.76	\$13,558.57			\$16,786.79	\$20,645.99				
	364.140	\$0.00	\$0.00			\$0.00	\$0.00				
	364.999	\$0.00	\$0.00			\$0.00	\$0.00				
POLE SUBT W/O	STORES LDG	\$11,814.11	\$13,033.89	\$71.69	\$78.60	\$19,039.00	\$21,497.93	\$115.54	\$129.64	\$187.23	\$208.24
TRANSFORMER	583.280	\$0.00	\$0.00			\$2,606.84	\$3,705.45				
TRANSFORMER	583.180	\$0.00	\$0.00			\$0.00	\$0.00				
TRANSFORMER	PLANT (MAT) 368	\$9,611.02	\$19,918.45								
TRANSFORMER	SUBTOTAL	\$9,611.02	\$19,918.45	\$58.32	\$120.12	\$2,606.84	\$3,705.45	\$15.82	\$22.35	\$74.14	\$142.47
SUB-TOTAL		\$38,927.14	\$55,884.31	\$236.22	\$337.02	\$44,707.36	\$57,758.89	\$271.31	\$348.32	\$507.53	\$685.34
MATSUB-MTR.(M)				\$210.67	\$312.84						
STORES LDG. %				6.09%	5.82%						
METER STORES LDG %				6.09%	5.82%						
TOTAL STORES LDG				\$14.39	\$19.61					\$14.39	\$19.61
SUBTOTAL				\$250.61	\$356.63			\$271.31	\$348.32	\$521.92	\$704.95
EO				\$47.31	\$59.61			\$51.22	\$58.23	\$98.53	\$117.84
TOTAL				\$297.92	\$416.24			\$322.53	\$406.55	\$620.45	\$822.79

FEEDER COST

AVERAGE UNDERGROUND FEEDER COST

<u>Underground</u>	<u>Overhead</u>	<u>Difference</u>
\$/Ft.....\$28.87	\$/Ft.....\$13.50	\$/Ft.....\$15.37

AVERAGE UNDERGROUND LATERAL COST

<u>1 Phase Underground</u>	<u>1 Phase Overhead</u>	<u>Difference</u>
\$/Ft.....\$6.71	\$/Ft.....\$4.74	\$/Ft.....\$1.97

<u>2 Phase Underground</u>	<u>2 Phase Overhead</u>	<u>Difference</u>
\$/Ft.....\$10.17	\$/Ft.....\$6.04	\$/Ft.....\$4.13

<u>3 Phase Underground</u>	<u>3 Phase Overhead</u>	<u>Difference</u>
\$/Ft.....\$13.49	\$/Ft.....\$7.34	\$/Ft.....\$6.15

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

2007 URD TARIFF

FEEDER/LATERAL COST¹

Feeder Length (Ft) =	25,428
UG Feeder Cost =	\$792,252.84
26 UG Lateral Risers not required if UG Feeder is used	
Cost of each Lateral Riser =	\$2,238.51
26 Lateral Risers X \$2,238.51 =	<u>(\$58,201.26)</u>
Net UG Feeder Cost =	\$734,051.58
UG Feeder per foot cost =	\$28.87
OH Feeder Cost =	\$343,308.65
OH Feeder per foot cost =	\$13.50
Feeder Differential Cost =	\$15.37
Padmounted Switch cabinet weighted cost (Each) ² =	\$21,837.67

- 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.

2007 URD TARIFF

LATERAL COST³

Lateral Length = 1200 Feet

1 Phase UG Lateral Cost =	\$8,048.02
1 Phase UG Lateral Cost Per Foot =	\$6.71
1 Phase Overhead Lateral Cost =	\$5,684.90
1 Phase Overhead Lateral Cost Per Foot =	\$4.74
1 Phase Lateral Differential Cost =	\$1.97
2 Phase UG Lateral Cost =	\$12,200.55
2 Phase UG Lateral Cost Per foot =	\$10.17
2 Phase OH Lateral Cost =	\$7,243.12
2 Phase OH Lateral Cost Per foot =	\$6.04
2 Phase Lateral Differential Cost =	\$4.13
3 Phase UG Lateral Cost =	\$16,185.35
3 Phase UG Lateral Cost Per foot =	\$13.49
3 Phase OH Lateral Cost =	\$8,802.17
3 Phase OH Lateral Cost Per foot =	\$7.34
3 Phase Lateral Differential Cost =	\$6.15

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

CONDUIT CREDITS

**BACK-UP CALCULATIONS FOR CHANGES TO COSTS IN SEC. 10.2.11 OF
TWENTY-FIRST REVISED SHEET NO. 6.095**

10.5.4 Replace Existing Service

2" PVC 0.005 MH X \$89.82 /MH X. 63 Ft.=..... \$28.29 /Lot

10.4.3 UG Service from OH Lines

2" PVC 0.005 MH X \$89.82 /MH =..... \$0.45 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$89.82 /MH =..... \$0.63 /Ft.

10.3.3.d. Credit for Installation of Conduit

2" PVC 0.005 MH X \$89.82 /MH =..... \$0.45 /Ft.

LARGER THAN 2" PVC 0.007 MH X \$89.82 /MH =..... \$0.63 /Ft.

10.2.11 Extensions of Service Beyond Point of Delivery

CABLE MATERIAL \$0.94 /Ft. X 1.0582 Stores Loading = \$0.99 /Ft.

\$0.99 /Ft. X 1.16716 EO = \$1.16 /Ft.

CABLE PULL \$89.82 /MH X 0.003 MH =..... \$ 0.27 /Ft.

\$ 0.27 /Ft. X 1.16716 EO = \$0.31 /Ft.

CONDUIT MATERIAL \$0.43 /Ft. X 1.0582 Stores Loading = \$0.46 /Ft.

\$0.46 /Ft. X 1.16716 EO = \$0.54 /Ft.

CONDUIT LABOR \$89.82 /MH X 0.005 MH =..... \$0.45 /Ft.

\$0.45 /Ft. X 1.16716 EO = \$0.53 /Ft.

TRENCH \$89.82 /MH X 0.029 MH =..... \$2.60 /Ft.

\$2.60 /Ft. X 1.16716 EO = \$3.03 /Ft.

TOTAL..... \$5.57 /Ft.

When Customer Provides Trench and Conduit Installation

\$1.16 + \$0.31 + \$0.54 =..... \$2.01 /Ft.
 Cable Material + Pull Labor + Conduit Material

TRENCH CREDITS

Feeder/Lateral Trench Credit =.....	\$89.82 /MH X	0.029 MH =	\$2.60 /Ft.
Feeder Splice Box Installation Credit =.....	\$89.82 /MH X	7.36 MH =	\$661.08 /Box
Primary Splice Box Installation Credit =.....	\$89.82 /MH X	1.94 MH =	\$174.25 /Box
Secondary Handhole Installation Credit			
For 17" Handhole =	\$89.82 /MH X	0.18 MH =	\$16.17 /HH
For 24" or 30" Handhole =	\$89.82 /MH X	0.51 MH =	\$45.81 /HH
Concrete Pad for Pad Mounted Transformer or Capacitor Bank Credit =.....	\$89.82 /MH X	0.3 MH =	\$26.95 /Pad
Flexible HDPE Conduit Installation Credit =	\$89.82 /MH X	0.001 MH =	\$0.09 /Ft.
Concrete Pad and Cable Chamber for Feeder Switch Pad =.....	\$89.82 /MH X	4.71 MH =	\$423.05 /Pad

Trench Credit for New UG Service Laterals

10.4.3	\$89.82 /MH X	0.029 MH =	\$2.60 /Ft.
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Trench Credit for Replacement of OH Service with UG Service

10.5.4.	0.029 MH X \$89.82 /MH X	63 Ft. =	\$164.10 /Svc
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Shown on Page 3 of Basis

**RISER TO HANDHOLE COST
AND SERVICE LATERAL DIFFERENTIAL**

**2007 URD TARIFF
RISER TO HANDHOLE COST**

Overhead

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$96.24	\$116.45	\$212.69

Underground

<u>Material</u>	<u>Labor</u>	<u>Total</u>
\$339.32	\$444.73	\$784.05

DIFFERENTIAL = \$571.36

SERVICE LATERAL DIFFERENTIAL - LOW DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$145.86	\$99.90
Labor	\$320.54	\$119.94
Stores loading	\$8.49	\$5.81
EO	<u>\$79.38</u>	<u>\$37.72</u>
Total	\$554.27	\$263.37

UNDERGROUND	\$554.27
OVERHEAD	<u>(\$263.37)</u>
DIFFERENTIAL =	\$290.90

2007 URD TARIFF

SERVICE LATERAL DIFFERENTIAL - HIGH DENSITY

	<u>Underground</u>	<u>Overhead</u>
Material	\$117.89	\$82.92
Labor	\$256.85	\$108.26
Stores loading	\$6.86	\$4.83
EO	<u>\$63.79</u>	<u>\$32.76</u>
Total	\$445.39	\$228.77

UNDERGROUND	\$445.39
OVERHEAD	<u>(\$228.77)</u>
DIFFERENTIAL =	\$216.62

COST CHANGES

2007 URD TARIFF MAJOR CHANGES

LOW DENSITY

\$562.80	-	\$444.01	=	\$118.79	=	26.75%
LABOR		2005	2007	%INC	\$ Diff. Impact	% Diff. Impact
1. Labor Rate	OH	\$80.21	\$100.25	24.98%	(\$122.94)	-103.49%
	UG	\$78.20	\$89.82	14.86%	\$109.85	92.47%
2. Manhours	OH	1288.27	1287.72	-0.04%	\$0.26	0.22%
	UG	1943.54	2006.63	3.25%	\$26.96	22.70%
3. EO/CO Rate		26.97%	23.88%	-11.46%	(\$7.20)	-6.06%
Base		\$232.88	\$251.47	7.98%	\$5.01	4.22%
Labor Sub-Total.....					\$11.95	10.06%
MATERIAL						
1. 1/0 Tpx Svc	OH	\$0.59	\$0.79	33.72%	(\$16.74)	-14.09%
Quantity	OH	17,645	17,645	0.00%	\$0.00	0.00%
Cable Cost	UG	\$0.73	\$0.94	29.12%	\$26.33	22.17%
Quantity	UG	26,084	26,084	0.00%	\$0.00	0.00%
2. Sec. Cable 3/0	OH	\$0.82	\$1.10	34.62%	(\$0.46)	-0.39%
Quantity	OH	340	340	0.00%	\$0.00	0.00%
Cost	4/0 UG	\$1.02	\$1.38	35.43%	\$11.31	9.52%
Quantity	4/0 UG	6,577	6,577	0.00%	\$0.00	0.00%
3. Pri./Neut. 1/0	OH	\$0.16	\$0.19	19.65%	(\$3.81)	-3.21%
Quantity	OH	25,837	25,897	0.23%	(\$0.05)	-0.05%
Pri./Neut. 3/0	OH	\$0.24	\$0.26	6.34%	(\$0.07)	-0.06%
Quantity	OH	901	926	2.77%	(\$0.03)	-0.03%
Cable/Cond. 1/0	UG	\$1.10	\$1.41	28.72%	\$23.71	19.96%
Quantity 1/0	UG	15,825	15,825	0.00%	\$0.00	0.00%
4. Transformer	OH	\$ 409.91	\$ 498.64	21.65%	(\$25.77)	-21.70%
Quantity	OH	61	61	0.00%	\$0.00	0.00%
Cost	UG	\$ 1,040.08	\$ 1,621.30	55.88%	\$66.43	55.92%
Quantity	UG	24	24	0.00%	\$0.00	0.00%
5. Poles Cost - Weighted Avg		\$ 131.52	\$ 142.96	8.70%	(\$6.43)	-5.41%
Quantity		118	118	0.00%	\$0.00	0.00%
6. Anchors Cost		\$ 13.82	\$ 22.76	64.74%	(\$3.11)	-2.62%
Quantity		73	73	0.00%	\$0.00	0.00%
7. 2" PVC Cost		\$0.35	\$0.43	22.72%	\$17.37	14.62%
Quantity		45,827	45,827	0.00%	\$0.00	0.00%
8. 24" HH Cost		\$81.32	\$85.63	5.30%	\$0.49	0.41%
Quantity		24	24	0.00%	\$0.00	0.00%
9. Electronic Markers - full range		\$9.55	\$9.59	0.37%	\$0.01	0.01%
Quantity		79	79	0.00%	\$0.00	0.00%
10. Small Multitap Cost		\$10.06	\$10.55	4.85%	\$0.16	0.13%
Quantity		69	69	0.00%	\$0.00	0.00%
11. Schedule 80 90 bend Cost		\$4.96	\$6.61	33.21%	\$0.82	0.69%
Quantity		105	105	0.00%	\$0.00	0.00%
12. Schedule 80 45 bend Cost		\$5.16	\$6.39	23.92%	\$0.62	0.52%
Quantity		105	105	0.00%	\$0.00	0.00%
13. Pri. Splice box	UG	\$316.78	\$358.56	13.19%	\$0.99	0.84%
Quantity	UG	5	5	0.00%	\$0.00	0.00%
14. 100 AMP Fuse Switch		\$40.17	\$41.48	3.26%	(\$0.41)	-0.35%
Quantity	OH	66	66	0.00%	\$0.00	0.00%
15. OH SVC Tap Box		\$5.78	\$6.94	20.14%	(\$0.43)	-0.36%
Quantity	OH	78	78	0.00%	\$0.00	0.00%
16. Bolted deadend		\$6.78	\$6.37	-6.00%	\$0.11	0.09%
Quantity	OH	58	58	0.00%	\$0.00	0.00%
17. Service Strap		\$4.69	\$5.60	19.35%	(\$0.91)	-0.77%
Quantity	OH	211	210	-0.47%	\$0.03	0.02%
18. Extended fork		\$9.95	\$9.01	-9.47%	\$0.22	0.19%
Quantity	OH	49	49	0.00%	\$0.00	0.00%
19. Guy bonding clamp		\$4.36	\$4.83	10.73%	(\$0.28)	-0.23%
Quantity	OH	125	125	0.00%	\$0.00	0.00%
20. Tie wire		\$0.15	\$0.31	109.88%	(\$2.54)	-2.13%
Quantity	OH	3281	3281	0.00%	\$0.00	0.00%
21. Angle clamp		\$9.67	\$12.66	30.98%	(\$0.37)	-0.31%
Quantity	OH	26	26	0.00%	\$0.00	0.00%
22. Misc. Materials					(\$1.11)	-0.93%
Stores Loading Rate		6.09%	5.82%	-4.43%	(\$0.32)	-0.27%
Base		\$117.61	\$203.45	72.99%	\$5.00	4.21%
EO/CO Rate		26.97%	23.88%	-11.46%	(\$3.40)	-2.86%
Base		\$110.12	\$191.68	74.08%	\$19.48	16.40%
Material Sub-Total.....					\$106.84	89.94%
Total Differential Change.....					\$118.79	100.00%

2007 URD TARIFF MAJOR CHANGES

HIGH DENSITY

\$86.70	-	\$236.29	=	(\$149.59)	=	-63.31%
LABOR		<u>2005</u>	<u>2007</u>	<u>%INC</u>	<u>\$ Diff.</u>	<u>% Diff.</u>
					<u>Impact</u>	<u>Impact</u>
1. Labor Rate	OH	\$80.21	\$100.25	24.98%	(\$76.49)	-51.13%
(Per MH)	UG	\$78.20	\$89.82	14.86%	\$67.24	44.95%
2. Manhours	OH	671.79	797.14	18.66%	(\$71.40)	-47.73%
	UG	930.15	929.79	-0.04%	(\$28.48)	-19.04%
3. EO/CO Rate		26.97%	23.88%	-11.46%	(\$3.32)	-2.22%
Base		\$107.43	\$27.67	-74.24%	(\$21.51)	-14.38%
Labor Sub-Total.....					(\$133.97)	-89.56%

MATERIAL

1. 1/0 Tpx Svc	OH	\$0.59	\$0.79	33.72%	(\$10.15)	-6.79%
Quantity	OH	8,970	8,466	-5.62%	\$2.26	1.51%
Cable Cost	UG	\$0.73	\$0.94	29.12%	\$20.20	13.50%
Quantity	UG	16,766	16,766	0.00%	\$0.00	0.00%
2. Sec. Cable 3/0	OH	\$0.82	\$1.10	34.62%	(\$10.11)	-6.76%
Quantity	OH	6,289	7,124	13.28%	(\$5.22)	-3.49%
Cost	4/0 UG	\$1.02	\$1.38	35.43%	\$8.60	5.75%
Quantity	4/0 UG	4,191	4,191	0.00%	\$0.00	0.00%
3. Pri./Neut.	1/0 OH	\$0.16	\$0.19	19.65%	(\$1.92)	-1.28%
Quantity	OH	10,836	9,985	-7.85%	\$0.92	0.61%
Cable/Cond.	1/0 UG	\$1.10	\$1.41	28.72%	\$8.73	5.83%
Cost/Quant.	1/0 UG	4,882	4,882	0.00%	\$0.00	0.00%
4. Transformer	OH	\$ 543.14	\$ 950.87	75.07%	(\$41.70)	-27.88%
Quantity	OH	18	21	16.67%	(\$16.21)	-10.83%
Cost	UG	\$ 1,093.43	\$ 1,661.99	52.00%	\$38.76	25.91%
Quantity	UG	12	12	0.00%	\$0.00	0.00%
5. 2" PVC Cost		\$0.35	\$0.43	22.72%	\$10.10	6.75%
Quantity		22,330	22,330	0.00%	\$0.00	0.00%
6. Poles Cost - Weighted Avg		\$ 146.75	\$ 138.78	-5.43%	\$2.76	1.85%
Quantity		61	86	40.98%	(\$19.71)	-13.18%
7. Anchors Cost		\$ 10.78	\$ 17.91	66.10%	(\$1.01)	-0.68%
Quantity		25	29	16.00%	(\$0.41)	-0.27%
8. 24" HH Cost		\$81.32	\$85.63	5.30%	\$0.66	0.44%
Quantity		27	27	0.00%	\$0.00	0.00%
9. Large Multitap Cost		\$15.20	\$15.93	4.82%	\$0.34	0.23%
Quantity		81	81	0.00%	\$0.00	0.00%
10. Schedule 40 90 bend cost		\$5.15	\$6.99	35.73%	\$0.42	0.28%
Quantity		40	40	0.00%	\$0.00	0.00%
11. Schedule 80 90 bend Cost		\$4.96	\$6.61	33.21%	\$0.82	0.55%
Quantity		88	88	0.00%	\$0.00	0.00%
12. Schedule 80 45 bend Cost		\$5.16	\$6.39	23.92%	\$0.62	0.41%
Quantity		88	88	0.00%	\$0.00	0.00%
13. 100 AMP Fuse Switch		\$40.40	\$41.48	2.66%	(\$0.14)	-0.09%
Quantity	OH	23	23	0.00%	\$0.00	0.00%
14. OH SVC Tap Box		\$5.78	\$6.94	20.14%	(\$0.75)	-0.50%
Quantity	OH	114	180	57.89%	(\$2.60)	-1.74%
15. Bolted deadend		\$6.78	\$6.37	-6.00%	\$0.13	0.09%
Quantity	OH	57	61	7.02%	(\$0.14)	-0.10%
16. Extended fork		\$9.95	\$9.01	-9.47%	\$0.18	0.12%
Quantity	OH	33	20	-39.39%	\$0.67	0.44%
17. Service Strap		\$4.69	\$5.60	19.35%	(\$0.90)	-0.60%
Quantity	OH	175	176	0.57%	(\$0.03)	-0.02%
18. Electronic Markers - sphere		\$5.27	\$5.21	-1.21%	(\$0.04)	-0.03%
Quantity		109	109	0.00%	\$0.00	0.00%
19. Misc. Materials					\$12.74	8.52%
Stores Loading Rate		6.09%	5.82%	-4.43%	(\$0.21)	-0.14%
Base		\$79.21	\$42.44	-46.42%	(\$2.14)	-1.43%
EO/CO Rate		26.97%	23.88%	-11.46%	(\$2.43)	-1.63%
Base		\$78.68	\$42.31	-46.22%	(\$8.68)	-5.80%
Material Sub-Total.....					(\$15.62)	-10.44%
Total Differential Change.....					(\$149.59)	100.00%

2007 URD TARIFF MAJOR CHANGES

METER PEDESTAL

(\$38.12) - \$41.31 = (\$79.43) = -192.28%

<u>LABOR</u>		<u>2005</u>	<u>2007</u>	<u>%INC</u>	<u>\$ Diff.</u> <u>Impact</u>	<u>% Diff.</u> <u>Impact</u>
1. Labor Rate	OH	\$80.21	\$100.25	24.98%	(\$63.24)	79.61%
(Per MH)	UG	\$78.20	\$89.82	14.86%	\$37.19	-46.82%
2. Manhours	OH	555.36	576.06	3.73%	(\$11.79)	14.84%
	UG	560.11	560.59	0.09%	\$14.87	-18.71%
3. EO/CO Rate		26.97%	23.88%	-11.46%	\$0.13	-0.16%
Base		(\$4.16)	(\$36.17)	770.08%	(\$8.63)	10.87%
Labor Sub-Total.....					(\$31.47)	39.63%

MATERIAL

1. 1/0 Tpx Svc	OH	\$0.59	\$0.79	33.72%	(\$1.35)	-1.70%
Quantity	OH	1,193	3,670	207.63%	(\$11.12)	-14.00%
Cable Cost	UG	\$0.73	\$0.94	29.12%	\$3.18	4.01%
Quantity	UG	2,641	2,641	0.00%	\$0.00	0.00%
2. Sec. Cable 3/0	OH	\$0.82	\$1.10	34.62%	(\$9.98)	-12.56%
Quantity	OH	6,207	5,232	-15.71%	\$6.09	7.67%
Cost	4/0 UG	\$1.02	\$1.38	35.43%	\$14.22	17.90%
Quantity	4/0 UG	6,931	6,931	0.00%	\$0.00	0.00%
3. Pri./Neut.	1/0 OH	\$0.16	\$0.19	19.65%	(\$1.92)	-2.42%
Quantity	OH	10,836	9,882	-8.80%	\$1.03	1.30%
Cable/Cond.	1/0 UG	\$1.10	\$1.41	28.72%	\$8.64	10.88%
Cost/Quant.	1/0 UG	4,833	4,833	0.00%	\$0.00	0.00%
4. Transformer	OH	\$ 533.97	\$ 950.87	78.08%	(\$42.64)	-53.68%
Quantity	OH	18	21	16.67%	(\$16.21)	-20.41%
Cost	UG	\$ 1,150.34	\$ 1,705.38	48.25%	\$31.54	39.70%
Quantity	UG	10	10	0.00%	\$0.00	0.00%
5. 2" PVC Cost		\$0.35	\$0.43	22.72%	\$5.86	7.38%
Quantity		12,956	12,956	0.00%	\$0.00	0.00%
6. 17" HH Cost		\$56.18	\$55.15	-1.83%	\$0.00	0.00%
Quantity		0	0	N/A	\$0.00	0.00%
7. 24" HH Cost		\$81.32	\$85.63	5.30%	\$1.20	1.51%
Quantity		49	49	0.00%	\$0.00	0.00%
8. Small Multitap Cost		\$10.06	\$10.55	4.85%	\$0.19	0.24%
Quantity		69	69	0.00%	\$0.00	0.00%
9. Large Multitap Cost		\$15.20	\$15.93	4.82%	\$0.32	0.41%
Quantity		78	78	0.00%	\$0.00	0.00%
10. Poles Cost - Weighted Avg		\$ 144.90	\$ 172.06	18.74%	(\$9.10)	-11.46%
Quantity		59	50	-15.25%	\$8.80	11.08%
11. Anchors Cost		\$ 10.78	\$ 17.91	66.10%	(\$1.01)	-1.27%
Quantity		25	28	12.00%	(\$0.31)	-0.38%
12. Pri. DE Insul	OH	\$11.73	\$11.46	-2.34%	\$0.03	0.04%
Quantity	OH	20	18	-10.00%	(\$0.13)	-0.16%
13. Small fork cost		\$ 5.06	\$ 5.52	9.06%	(\$0.03)	-0.04%
Quantity		11	11	0.00%	\$0.00	0.00%
14. Service Strap		\$4.69	\$5.60	19.35%	(\$0.30)	-0.38%
Quantity	OH	59	91	54.24%	(\$1.02)	-1.28%
15. Bolted deadend		\$6.78	\$6.37	-6.00%	\$0.13	0.17%
Quantity	OH	57	42	-26.32%	\$0.54	0.68%
16. Electronic Markers - full range		\$9.55	\$9.59	0.37%	(\$0.01)	-0.01%
Quantity		26	26	0.00%	\$0.00	0.00%
17. Automatic Splices 1/0A		\$8.17	\$5.60	-31.46%	(\$0.60)	-0.75%
Quantity	OH	41	36	-12.20%	\$0.16	0.20%
18. PM TX Concrete Pad		\$72.27	\$92.12	27.46%	\$1.13	1.42%
Quantity	UG	10	10	0.00%	\$0.00	0.00%
18. Misc. Materials					(\$24.76)	-31.17%
Stores Loading Rate		6.09%	5.82%	-4.43%	(\$0.10)	-0.13%
Base		\$36.94	\$5.41	-85.35%	(\$1.84)	-2.31%
EO/CO Rate		26.97%	23.88%	-11.46%	(\$1.13)	-1.43%
Base		\$36.69	\$5.40	-85.29%	(\$7.47)	-9.41%
Material Sub-Total.....					(\$47.96)	-60.37%
Total Differential Change.....					(\$79.43)	100.00%

2007 OVERHEAD LABOR COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	
1. SERVICE	\$96.67	\$119.80	23.93	\$86.77	\$107.31	23.67	\$35.60	\$63.43	78.17	1. SERVICE
2. PRIMARY	\$83.70	\$115.86	38.42	\$32.21	\$45.79	42.16	\$31.62	\$44.42	40.48	2. PRIMARY
3. SECONDARY	\$94.99	\$106.09	11.69	\$74.96	\$110.29	47.13	\$72.73	\$88.48	21.66	3. SECONDARY
4. POLES	\$206.40	\$256.35	24.20	\$118.22	\$196.25	66.00	\$115.54	\$129.64	12.20	4. POLES
5. TRANSFORMER	\$43.80	\$54.40	24.20	\$15.82	\$22.35	41.28	\$15.82	\$22.35	41.28	5. TRANSFORMER
6. EO	<u>\$99.22</u>	<u>\$109.07</u>	<u>9.93</u>	<u>\$61.92</u>	<u>\$80.57</u>	<u>30.12</u>	<u>\$51.22</u>	<u>\$58.23</u>	<u>13.69</u>	6. EO
7. TOTAL	\$624.78	\$761.57	21.89	389.90	562.56	44.28	\$322.53	\$406.55	26.05	7. TOTAL

LOW DENSITY

1. INCREASED LABOR RATE (\$80.21 TO \$100.25)
2. INCREASED LABOR RATE & INCREASED QTY CONDUCTOR
3. CHANGE NOT SIGNIFICANT
4. INCREASED LABOR RATE & INCREASED QTY OF POLES
5. INCREASED LABOR RATE
6. HIGHER BASE \$525.56 TO \$652.50

HIGH DENSITY

1. INCREASED LABOR RATE (\$80.21 TO \$100.25)
2. INCREASED LABOR RATE
3. INCREASED LABOR RATE & INCREASED QTY 3/0 TPX
4. INCREASED LABOR RATE & INCREASED QTY OF POLES
5. INCREASED LABOR RATE & INCREASED QTY OF TX
6. HIGHER BASE \$327.98 TO \$463.74

METER PEDESTAL

1. INCREASED LABOR RATE (\$80.21 TO \$100.25)
INCREASED QTY 1/0 TPX SVC CONDUCTOR
2. INCREASED LABOR RATE
3. INCREASED LABOR RATE / DECREASED QTY 3/0 TPX
4. INCREASED LABOR RATE / DECREASED QTY OF POLES
5. INCREASED LABOR RATE / INCREASED NUMBER OF TX
6. HIGHER BASE \$271.31 TO \$348.32

2007 OVERHEAD MATERIAL COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	
1. SERVICE	\$80.20	\$101.76	26.88	\$66.80	\$83.88	25.57	\$33.81	\$52.43	55.07	1. SERVICE
2. PRIMARY	\$35.24	\$39.45	11.95	\$9.41	\$11.11	18.07	\$9.40	\$11.75	25.00	2. PRIMARY
3. SECONDARY	\$52.42	\$60.16	14.77	\$64.47	\$91.87	42.50	\$63.00	\$74.12	17.65	3. SECONDARY
4. POLES	\$129.90	\$145.94	12.35	\$74.63	\$100.85	35.13	\$71.69	\$78.60	9.64	4. POLES
5. TRANSFORMER	\$127.17	\$153.73	20.89	\$59.33	\$120.12	102.46	\$58.32	\$120.12	105.97	5. TRANSFORMER
6. STORES LD	\$25.88	\$29.16	12.67	\$16.73	\$23.74	41.90	\$14.39	\$19.61	36.28	6. STORES LD
7. EO	\$85.11	\$88.63	4.14	\$55.01	\$72.14	31.14	\$47.31	\$59.61	26.00	7. EO
8. TOTAL	\$535.92	\$618.83	15.47	\$346.38	\$503.71	45.42	\$297.92	\$416.24	39.72	8. TOTAL

LOW DENSITY

- HIGHER COST OF SERVICE CABLE \$0.59 TO \$0.76
- HIGHER COST OF 1/0 ALUMINUM CONDUCTOR \$0.16 TO \$0.20
- HIGHER COST OF 3/0 TPX CONDUCTOR \$0.82 TO \$1.10
- INCREASED COST OF POLES \$131.52 TO \$142.96 AVG
- INCREASED COST OF TX'S \$409.91 TO \$489.64 AVG
- HIGHER TOTAL MATERIAL COST.
- HIGHER BASE \$450.81 TO \$530.20

HIGH DENSITY

- HIGHER COST OF SERVICE CABLE \$0.59 TO \$0.76
DECREASED QTY OF SERVICE CABLE 8,970 TO 8,466
- HIGHER COST OF 1/0 ALUMINUM CONDUCTOR \$0.16 TO \$0.20
- HIGHER COST OF 3/0 TPX CONDUCTOR \$0.82 TO \$1.10
INCREASED QTY OF 3/0 TPX 6,289 TO 7,124
- DECREASED COST OF POLES \$146.75 TO \$138.78 AVG
INCREASED NUMBER OF POLES 61 TO 86
- INCREASED COST OF TX'S \$543.14 TO \$950.87 AVG
INCREASED NUMBER OF TX'S 18 TO 21
- HIGHER TOTAL MATERIAL COST.
- HIGHER BASE \$291.37 TO \$431.57

METER PEDESTAL

- HIGHER COST OF SERVICE CABLE \$0.59 TO \$0.76
INCREASED QTY OF SERVICE CABLE 1,193 TO 3,670
- HIGHER COST OF 1/0 ALUMINUM CONDUCTOR \$0.16 TO \$0.20
- HIGHER COST OF 3/0 TPX CONDUCTOR \$0.82 TO \$1.10
DECREASED QTY OF 3/0 TPX 6,207 TO 5,232
- INCREASED COST OF POLES \$144.90 TO \$172.06 AVG
INCREASED NUMBER OF POLES 61 TO 86
- INCREASED COST OF TX'S \$533.97 TO \$950.87 AVG
INCREASED NUMBER OF TX'S 18 TO 21
- HIGHER TOTAL MATERIAL COST.
- HIGHER BASE \$250.61 TO \$356.63

2007 UNDERGROUND LABOR COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	
1. SERVICE	\$204.33	\$255.34	24.96%	\$104.24	\$123.11	18.10%	\$17.13	\$21.29	24.28%	1. SERVICE
2. PRIMARY	\$180.49	\$207.55	14.99%	\$103.40	\$121.91	17.90%	\$107.28	\$104.99	-2.13%	2. PRIMARY
3. SECONDARY	\$54.02	\$73.63	36.30%	\$39.98	\$43.66	9.20%	\$51.19	\$79.47	55.25%	3. SECONDARY
4. TRANSFORMER	\$10.88	\$12.42	14.15%	\$6.49	\$7.41	14.18%	\$5.41	\$6.18	14.23%	4. TRANSFORMER
5. P/S TRENCH	\$171.97	\$196.29	14.14%	\$103.83	\$118.51	14.14%	\$85.86	\$98.00	14.14%	5. P/S TRENCH
6. SVC TRENCH	\$152.60	\$174.17	14.13%	\$84.78	\$96.76	14.13%	-----	-----	N/A	6. SVC TRENCH
7. EO	\$146.18	\$153.69	5.14%	\$83.58	\$85.48	2.27%	\$50.38	\$51.81	2.84%	7. EO
8. TOTAL	\$920.47	\$1,073.09	16.58%	\$526.30	\$596.84	13.40%	\$317.25	\$361.74	14.02%	8. TOTAL

LOW DENSITY

1. INCREASED LABOR RATE \$78.20 TO \$89.82
QTY OF SVC CABLE PULLING UNDERESTIMATED IN 2005
2. INCREASED LABOR RATE \$78.20 TO \$89.82
3. INCREASED LABOR RATE \$78.20 TO \$89.82
QTY OF SEC CABLE PULLING UNDERESTIMATED IN 2005
4. INCREASED LABOR RATE \$78.20 TO \$89.82
5. INCREASED LABOR RATE \$78.20 TO \$89.82
6. INCREASED LABOR RATE \$78.20 TO \$89.82
7. HIGHER BASE \$774.29 TO \$919.40

HIGH DENSITY

1. INCREASED LABOR RATE \$78.20 TO \$89.82
2. INCREASED LABOR RATE \$78.20 TO \$89.82
3. INCREASED LABOR RATE \$78.20 TO \$89.82
4. INCREASED LABOR RATE \$78.20 TO \$89.82
5. INCREASED LABOR RATE \$78.20 TO \$89.82
6. INCREASED LABOR RATE \$78.20 TO \$89.82
7. HIGHER BASE \$442.72 TO \$511.68

METER PEDESTAL

1. INCREASED LABOR RATE \$78.20 TO \$89.82 (METEF)
2. INCREASED LABOR RATE \$78.20 TO \$89.82
QTY OF PRI CABLE PULLING OVERESTIMATED IN 2
3. INCREASED LABOR RATE \$78.20 TO \$89.82
QTY OF SEC CABLE PULLING UNDERESTIMATED IN
4. INCREASED LABOR RATE \$78.20 TO \$89.82
5. INCREASED LABOR RATE \$78.20 TO \$89.82
6. N/A
7. HIGHER BASE \$266.87 TO \$309.93

* NET EFFECT OF CABLE PULLING ALLOCATIONS BEI

2007 UNDERGROUND MATERIAL COSTS

	<u>LOW DENSITY</u>			<u>HIGH DENSITY</u>			<u>METER PEDESTAL</u>			
	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	<u>2005</u>	<u>2007</u>	<u>%INC.</u>	
1. SERVICE	\$121.18	\$145.21	19.83%	\$127.96	\$153.41	19.89%	\$27.29	\$25.66	-5.97%	1. SERVICE
2. PRIMARY	\$198.98	\$240.87	21.05%	\$105.13	\$123.48	17.45%	\$102.85	\$119.80	16.48%	2. PRIMARY
3. SECONDARY	\$85.94	\$109.49	27.40%	\$35.48	\$45.78	29.03%	\$68.51	\$88.00	28.45%	3. SECONDARY
4. TRANSFORMER	\$136.44	\$208.92	53.12%	\$85.28	\$127.60	49.62%	\$74.51	\$108.97	46.25%	4. TRANSFORMER
5. STORES LDG	\$33.04	\$41.00	24.09%	\$21.55	\$26.21	21.62%	\$16.64	\$19.93	19.77%	5. STORES LDG
6. EO	\$108.66	\$124.62	14.69%	\$70.87	\$79.65	12.39%	\$54.71	\$60.57	10.71%	6. EO
7. TOTAL	\$684.24	\$870.11	27.16%	\$446.27	\$556.13	24.62%	\$344.51	\$422.93	22.76%	7. TOTAL

LOW DENSITY

1. INCREASED COST OF 1/0A TPX \$0.73 TO \$0.94
INCREASED COST OF SCHEDULE 80 BENDS
INCREASED COST OF 2" PVC \$0.35 TO \$0.43
2. INCREASED COST OF 1/0A CABLE \$1.10 TO \$1.41
3. INCREASED COST OF 4/0 TPX \$1.02 TO \$1.38
INCREASED COST OF 2" PVC \$0.35 TO \$0.43
INCREASED COST OF 24" HH \$81.32 TO \$85.63
4. INCREASED COST OF TX'S \$1040.08 TO \$1621.30 AVG
5. HIGHER TOTAL MATERIAL COST
6. HIGHER BASE \$575.58 TO \$745.49

HIGH DENSITY

1. INCREASED COST OF 1/0A TPX \$0.73 TO \$0.94
INCREASED COST OF SCHEDULE 80 BENDS
INCREASED COST OF 2" PVC \$0.35 TO \$0.43
2. INCREASED COST OF 1/0A CABLE \$1.10 TO \$1.41
3. INCREASED COST OF 4/0 TPX \$1.02 TO \$1.38
INCREASED COST OF 2" PVC \$0.35 TO \$0.43
INCREASED COST OF 24" HH \$81.32 TO \$85.63
4. INCREASED COST OF TX'S \$1093.43 TO \$1661.99 AVG
5. HIGHER TOTAL MATERIAL COST
6. HIGHER BASE \$375.40 TO \$476.48

METER PEDESTAL

1. DECREASED COST OF METERS
2. INCREASED COST OF 1/0A CABLE \$1.10 TO \$1.41
3. INCREASED COST OF 4/0 TPX \$1.02 TO \$1.38
INCREASED COST OF 2" PVC \$0.35 TO \$0.43
INCREASED COST OF 24" HH \$81.32 TO \$85.63
4. INCREASED COST OF TX'S \$1150.34 TO \$1705.38 AVG
5. HIGHER TOTAL MATERIAL COST
6. HIGHER BASE \$289.80 TO \$362.36

LOW DENSITY SUMMARY 1993 to 2007

	1993	1994	1995	1996	1997	1998	2001	2002	2005	2007	% CHANGE 05 to 07	% CHANGE 93 TO 07
UG EFFECTIVE MECA RATE	\$52.12	\$51.46	\$53.49	\$53.49	\$59.90	\$55.92	\$66.17	\$63.29	\$78.20	\$89.82	14.86%	72.33%
OH EFFECTIVE MECA RATE	\$60.28	\$65.93	\$53.99	\$53.99	\$60.51	\$62.91	\$68.81	\$67.29	\$80.21	\$100.25	24.98%	66.31%
MANHOURS LD-OH	1060	1052	1052	1144	1144	1144	1227	1297	1288.27	1287.72	-0.04%	21.48%
MANHOURS LD-UG	1799	1863	1861	1775	1776	1801	1811	1955	1943.54	2006.63	3.25%	11.54%
OH-LABOR \$ PER LOT	\$310	\$340	\$278	\$327	\$358	\$370	\$429	\$446	\$526	\$653	24.15%	110.48%
UG-LABOR \$ PER LOT	\$457	\$473	\$487	\$502	\$551	\$519	\$615	\$632	\$774	\$919	18.74%	101.18%
OH-MATERIAL \$/LOT	\$306	\$316	\$342	\$412	\$383	\$390	\$406	\$390	\$425	\$501	17.91%	63.74%
UG-MATERIAL \$/LOT	\$372	\$378	\$398	\$457	\$447	\$465	\$489	\$501	\$543	\$704	29.85%	89.38%
DIFFERENTIAL \$/LOT	\$261	\$246	\$329	\$277	\$309	\$268	\$325	\$367	\$444	\$563	26.75%	115.63%
STORES LDG.\$/LOT	\$21.25	\$28.20	\$36.09	\$46.17	\$34.35	\$32.65	\$27.61	\$26.59	\$25.88	\$29.16	12.67%	37.22%
ENGINEERING & OH	\$125.99	\$153.23	\$143.14	\$181.46	\$136.92	\$124.29	\$161.57	\$174.53	\$184.33	\$197.70	7.25%	56.92%
HANDY-WHITMAN INDEX *	267	270	280	288	288	290	304	313	354	375	5.93%	40.45%
HANDY-WHITMAN %	N/A	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	7.93%	22.07%	29.31%	32.81%	40.45%
CPI INDEX **	141.9	145.8	149.7	153.5	158.6	161.3	174.0	176.7	190.3	201.8	6.04%	42.21%
CPI %	N/A	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	9.55%	17.98%	25.11%	39.66%	42.21%

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

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

2007 URD TARIFF HISTORICAL \$

LOW DENSITY	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>2001</u>	<u>2002</u>	<u>2005</u>	<u>2007</u>	% Change 90 to 07
Overhead	\$743	\$737	\$763	\$764	\$837	\$799	\$967	\$913	\$916	\$989	\$1,037	\$1,161	\$1,380	85.79%
% Change OH	-1.46%	-0.81%	3.53%	0.13%	9.55%	-4.54%	21.03%	-5.58%	0.33%	7.97%	4.85%	26.71%	18.93%	
Underground	\$1,078	\$1,100	\$1,092	\$1,025	\$1,083	\$1,129	\$1,244	\$1,222	\$1,184	\$1,365	\$1,403	\$1,605	\$1,943	80.26%
% Change UG	-0.19%	2.04%	-0.73%	-6.14%	5.66%	4.25%	10.19%	-1.77%	-3.11%	15.29%	2.78%	35.53%	21.09%	
Differential	\$335	\$363	\$329	\$261	\$246	\$329	\$277	\$309	\$268	\$376	\$367	\$444	\$563	68.00%
% Change Diff	2.76%	8.36%	-9.37%	-20.67%	-5.75%	33.74%	-15.81%	11.55%	-13.27%	40.30%	-2.39%	65.68%	26.75%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	313	354	375	47.06%
% Change H-W	5.81%	3.14%	1.52%	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	2.96%	22.07%	5.93%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	176.7	190.3	201.8	60.03%
% Change CPI	4.65%	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	1.55%	17.98%	6.04%	

HIGH DENSITY	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>2001</u>	<u>2002</u>	<u>2005</u>	<u>2007</u>	% Change 90 to 07
Overhead	\$598	\$614	\$615	\$616	\$655	\$621	\$656	\$610	\$611	\$611	\$686	\$736	\$1,066	78.31%
% Change OH	-1.32%	2.68%	0.16%	0.16%	6.33%	-5.19%	5.64%	-7.01%	0.16%	0.00%	12.27%	20.50%	44.82%	
Underground	\$823	\$877	\$861	\$778	\$791	\$804	\$849	\$835	\$801	\$930	\$885	\$973	\$1,153	40.09%
% Change UG	0.61%	6.56%	-1.82%	-9.64%	1.67%	1.64%	5.60%	-1.65%	-4.07%	16.10%	-4.84%	21.42%	18.55%	
Differential	\$225	\$263	\$246	\$162	\$136	\$183	\$193	\$224	\$190	\$309	\$199	\$236	\$87	-61.47%
% Change Diff	6.13%	16.89%	-6.46%	-34.15%	-16.05%	34.56%	5.46%	16.06%	-15.18%	62.63%	-35.60%	24.36%	-63.31%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	313	354	375	47.06%
% Change H-W	5.81%	3.14%	1.52%	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	2.96%	22.07%	0.00%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	176.7	190.3	201.8	60.03%
% Change CPI	4.65%	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	1.55%	17.98%	6.04%	

METER PEDESTAL	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>2001</u>	<u>2002</u>	<u>2005</u>	<u>2007</u>	% Change 90 to 07
Overhead	\$518	\$530	\$527	\$527	\$559	\$528	\$556	\$516	\$516	\$559	\$582	\$620	\$823	58.84%
% Change OH	-2.08%	2.32%	-0.57%	0.00%	6.07%	-5.55%	5.30%	-7.19%	0.00%	8.36%	12.71%	20.24%	32.61%	
Underground	\$623	\$625	\$637	\$528	\$528	\$536	\$559	\$537	\$521	\$633	\$565	\$662	\$785	25.95%
% Change UG	5.41%	0.32%	1.92%	-17.11%	0.00%	1.52%	4.29%	-3.94%	-2.98%	21.56%	8.45%	27.02%	18.57%	
Differential	\$105	\$95	\$110	\$1	(\$31)	\$8	\$3	\$22	\$4	\$74	(\$17)	\$41	(\$38)	-136.30%
% Change Diff	69.35%	-9.52%	15.79%	-99.09%	NMF	NMF	-62.50%	633.33%	-81.82%	1754.75%	-514.75%	932.75%	-192.28%	
Handy-Whitman	255	263	267	267	270	280	288	288	290	304	313	354	375	47.06%
% Change H-W	5.81%	3.14%	1.52%	0.00%	1.12%	3.70%	2.86%	0.00%	0.69%	4.83%	7.93%	22.07%	5.93%	
CPI	126.1	133.8	137.9	141.9	145.8	149.7	153.5	158.6	161.3	174	176.7	190.3	201.8	60.03%
% Change CPI	4.65%	6.11%	3.06%	2.90%	2.75%	2.67%	2.54%	3.32%	1.70%	7.87%	9.55%	17.98%	6.04%	

APPENDIX 1
UCD

LEGISLATIVE TARIFF
UCD

(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</u>		<u>From Existing</u>	
	<u>Termination Point</u>		<u>Underground</u>	<u>Termination Point</u>
1) Single phase radial	\$ 635.25	<u>\$983.87</u>		N/A
2) Two phase radial	\$1,429.34	<u>\$2,293.33</u>		N/A
3) Three phase radial (150 KVA)	\$ 648.27	<u>\$1,183.51</u>		N/A
4) Three phase radial (300 KVA)	\$ 0.00	<u>\$366.01</u>		N/A
5) Single phase loop	\$1,772.08	<u>\$2,294.39</u>	\$1,101.00	<u>\$1,499.59</u>
6) Two phase loop	\$3,238.17	<u>\$4,363.24</u>	\$2,122.68	<u>\$3,047.69</u>
7) Three phase loop (150 KVA)	\$3,419.44	<u>\$5,761.59</u>	\$2,046.85	<u>\$4,160.18</u>
8) Three phase loop (300 KVA)	\$1,949.57	<u>\$4,376.69</u>	\$ 585.97	<u>\$2,775.09</u>

- 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	<u>\$ 453.38</u>
2) Large single phase	\$ 710.52	<u>\$ 843.18</u>
3) Small three phase	\$ 552.81	<u>\$ 641.03</u>
4) Large three phase	\$1,027.63	<u>\$1,261.64</u>

- 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</u>	<u>120/240v 125 amp</u>
	<u>2 wire service</u>	<u>3 wire service</u>
1) Installed on a wood pole - accessible locations	\$457.14	<u>\$538.93</u>
2) Installed on a wood pole - inaccessible locations	\$521.19	<u>\$609.88</u>
3) Installed on a concrete pole - accessible locations	\$469.18	<u>\$554.07</u>
	\$513.73	<u>\$576.41</u>

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

1) Handhole	
a. Small - per handhole	\$152.40 <u>\$168.98</u>
b. Intermediate - per handhole	\$183.94 <u>\$197.58</u>
c. Large - per handhole	\$566.71 <u>\$685.63</u>
2) Pad Mounted secondary Junction Box – per box	\$1,430.36 <u>\$1,525.31</u>

- 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 <u>\$10,993.11</u>
Tapping service conductors (if more than 12 sets) – per set	\$ 51.64 <u>\$ 57.88</u>

(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 <u>\$1,149.92</u> |
| 2) Two Phase - per box | \$1,399.74 <u>\$1,614.23</u> |
| 3) Three Phase - per box | \$1,521.54 <u>\$1,785.56</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).
- | | |
|----------------------------|---------------------------------|
| 1) Single Phase - per foot | \$1.70 <u>\$1.97</u> |
| 2) Two Phase - per foot | \$3.46 <u>\$4.13</u> |
| 3) Three Phase - per foot | \$3.81 <u>\$4.75</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.
- | | |
|----------------------------|-----------------------------------|
| 1) Single Phase - per foot | \$ 5.75 <u>\$ 6.70</u> |
| 2) Two Phase - per foot | \$ 8.60 <u>\$10.17</u> |
| 3) Three Phase - per foot | \$10.04 <u>\$12.10</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:
- | | |
|--|---|
| | Applicant's
<u>Contribution</u> |
| Cost per foot of feeder trench within the commercial/industrial development (excluding switches) | \$ 11.56 <u>\$ 15.37</u> |
| Cost per switch package | \$20,365.35 <u>\$21,837.67</u> |
- i) The Company will provide one standby/assistance appointment to the Applicant at no additional 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
Contribution

- 1) Credit per foot of primary trench ~~\$2.27~~ \$2.60
 2) Credit per foot of secondary trench ~~\$2.11~~ \$2.43

- 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~~ \$0.45
 2) Credit per foot of larger than 2" conduit ~~\$0.55~~ \$0.63

- 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 ~~\$151.71~~ \$174.25
 2) Credit per small handhole ~~\$39.88~~ \$45.81

- 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 or pad-mounted capacitor bank per Company instructions,

Credit per pad ~~\$23.46~~ \$26.95

- 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 ~~\$268.32~~ \$423.05

- 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~~ \$661.08

FPL Work Order No. _____

**PERFORMANCE GUARANTY AGREEMENT
FOR RESIDENTIAL SUBDIVISION DEVELOPMENT**

This Agreement, made this _____ day of _____, 20____, by and between _____ (Applicant), and Florida Power & Light Company (FPL), a corporation organized and existing under the laws of the State of Florida.

WITNESSETH:

Whereas, the Applicant has applied to FPL for underground electric service distribution facilities to be installed on Applicant's property commonly known as _____ located in _____, Florida (the "Premises"); and
(City/County)

Whereas, the Premises requires an extension of FPL's present electric distribution system; and

Whereas, the number of transformers to be utilized and revenue expected to be derived from all or a portion of the extension within two years is uncertain; and

Whereas, FPL requires a Performance Guaranty Agreement for Residential Subdivision Development (Performance Guaranty) to provide assurance to FPL that appropriate revenue will be derived from the installation of new facilities so recovery of its costs is certain; and

Whereas, Applicant is agreeable to providing a Performance Guaranty.

Now, therefore, FPL and Applicant in consideration of their mutual covenants and promises do hereby agree as follows:

ARTICLE I - DEFINITIONS

1.01 Installation of Service shall be defined as 1) the completed installation of service cable in conduit from FPL's designated point of service to the electric meter enclosure, and 2) the receipt by FPL of a certificate of occupancy/completion from the appropriate governmental authorities acknowledging that the Premises constructed by the Applicant is available for occupancy, such that FPL may install and connect electric meters. Each service is associated to a specific transformer.

1.02 The date establishing installation of service to new customers shall be the date of receipt by FPL of a certificate of occupancy/completion from the appropriate governmental authorities. A transformer shall be considered as "utilized" on the date of the ~~first~~ second installation of service (excluding street lights) from that transformer.

1.03 The Expiration Date shall be defined as the date 5 years from the date FPL determines it is first ready to render electric service to the extension.

ARTICLE II - DETERMINATION OF INITIAL PERFORMANCE GUARANTY AMOUNT

Applicant agrees to provide FPL an initial Performance Guaranty to be determined by FPL as follows:

2.01 FPL will estimate the total cost of facilities to be installed on the Premises and deduct the amount of contribution paid by the Applicant pursuant to FPL's Electric Tariff. The remaining amount will be prorated among the total number () of transformers required for service. Based upon FPL's evaluation of Applicant's construction plans, construction schedule, and manner in which the subdivision is to be developed, a prorated amount for each transformer will be required for _____ transformers in all or part of the subdivision where service may, in the opinion of FPL, not be connected within two years from the date FPL is first ready to render electric service.

2.02 In accordance with the above, the initial Performance Guaranty amount required by FPL prior to installing the requested line extension shall be _____ (\$ _____).

ARTICLE III - PAYMENT AND REFUND

3.01 The Applicant shall pay the above specified Performance Guaranty to FPL to guarantee that the Applicant's development is completed so that all transformers to serve new customers are utilized. This amount may be paid in cash or secured by either a surety bond or irrevocable bank letter of credit in a form acceptable to FPL.

3.02 This Performance Guaranty will be refunded without interest, if cash, or the required amount reduced, if secured by a surety bond or irrevocable bank letter of credit, no earlier than quarterly intervals on a prorata basis of _____ (\$ _____) for each utilized transformer and _____ (\$ _____) for the final

(Continued on Sheet No. 9.421)

(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, ~~and~~ 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)

**FINAL TARIFF
UCD**

(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	\$983.87	N/A
2) Two phase radial	\$2,293.33	N/A
3) Three phase radial (150 KVA)	\$1,183.51	N/A
4) Three phase radial (300 KVA)	\$366.01	N/A
5) Single phase loop	\$2,294.39	\$1,499.59
6) Two phase loop	\$4,363.24	\$3,047.69
7) Three phase loop (150 KVA)	\$5,761.59	\$4,160.18
8) Three phase loop (300 KVA)	\$4,376.69	\$2,775.09

- 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	\$ 453.38
2) Large single phase	\$ 843.18
3) Small three phase	\$ 641.03
4) Large three phase	\$1,261.64

- 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) Installed on a wood pole - accessible locations	\$538.93	\$551.95
2) Installed on a wood pole - inaccessible locations	\$609.88	\$623.32
3) Installed on a concrete pole - accessible locations	\$554.07	\$576.41

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

1) Handhole	
a. Small - per handhole	\$168.98
b. Intermediate - per handhole	\$197.58
c. Large - per handhole	\$685.63

2) Pad Mounted secondary Junction Box – per box	\$1,525.31
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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)	\$10,993.11
Tapping service conductors (if more than 12 sets) – per set	\$ 57.88

(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	\$1,149.92
2) Two Phase - per box	\$1,614.23
3) Three Phase - per box	\$1,785.56

- 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	\$1.97
2) Two Phase - per foot	\$4.13
3) Three Phase - per foot	\$4.75

- 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	\$ 6.70
2) Two Phase - per foot	\$10.17
3) Three Phase - per foot	\$12.10

- 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>
Cost per foot of feeder trench within the commercial/industrial development (excluding switches)	\$ 15.37
Cost per switch package	\$21,837.67

- i) The Company will provide one standby/assistance appointment to the Applicant at no additional 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. | <u>Credit to the Applicant's Contribution</u> |
| | 1) Credit per foot of primary trench | \$2.60 |
| | 2) Credit per foot of secondary trench | \$2.43 |
| 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 | \$0.45 |
| | 2) Credit per foot of larger than 2" conduit | \$0.63 |
| 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 | \$174.25 |
| | 2) Credit per small handhole | \$45.81 |
| 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 or pad-mounted capacitor bank per Company instructions, | |
| | Credit per pad | \$26.95 |
| 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 | \$423.05 |
| 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 | \$661.08 |

FPL Work Order No. _____

**PERFORMANCE GUARANTY AGREEMENT
FOR RESIDENTIAL SUBDIVISION DEVELOPMENT**

This Agreement, made this _____ day of _____, 20____, by and between _____ (Applicant), and Florida Power & Light Company (FPL), a corporation organized and existing under the laws of the State of Florida.

WITNESSETH:

Whereas, the Applicant has applied to FPL for underground electric service distribution facilities to be installed on Applicant's property commonly known as _____ located in _____, Florida (the "Premises"); and
(City/County)

Whereas, the Premises requires an extension of FPL's present electric distribution system; and

Whereas, the number of transformers to be utilized and revenue expected to be derived from all or a portion of the extension within two years is uncertain; and

Whereas, FPL requires a Performance Guaranty Agreement for Residential Subdivision Development (Performance Guaranty) to provide assurance to FPL that appropriate revenue will be derived from the installation of new facilities so recovery of its costs is certain; and

Whereas, Applicant is agreeable to providing a Performance Guaranty.

Now, therefore, FPL and Applicant in consideration of their mutual covenants and promises do hereby agree as follows:

ARTICLE I - DEFINITIONS

1.01 Installation of Service shall be defined as 1) the completed installation of service cable in conduit from FPL's designated point of service to the electric meter enclosure, and 2) the receipt by FPL of a certificate of occupancy/completion from the appropriate governmental authorities acknowledging that the Premises constructed by the Applicant is available for occupancy, such that FPL may install and connect electric meters. Each service is associated to a specific transformer.

1.02 The date establishing installation of service to new customers shall be the date of receipt by FPL of a certificate of occupancy/completion from the appropriate governmental authorities. A transformer shall be considered as "utilized" on the date of the second installation of service (excluding street lights) from that transformer.

1.03 The Expiration Date shall be defined as the date 5 years from the date FPL determines it is first ready to render electric service to the extension.

ARTICLE II - DETERMINATION OF INITIAL PERFORMANCE GUARANTY AMOUNT

Applicant agrees to provide FPL an initial Performance Guaranty to be determined by FPL as follows:

2.01 FPL will estimate the total cost of facilities to be installed on the Premises and deduct the amount of contribution paid by the Applicant pursuant to FPL's Electric Tariff. The remaining amount will be prorated among the total number () of transformers required for service. Based upon FPL's evaluation of Applicant's construction plans, construction schedule, and manner in which the subdivision is to be developed, a prorated amount for each transformer will be required for _____ transformers in all or part of the subdivision where service may, in the opinion of FPL, not be connected within two years from the date FPL is first ready to render electric service.

2.02 In accordance with the above, the initial Performance Guaranty amount required by FPL prior to installing the requested line extension shall be _____ (\$ _____).

ARTICLE III - PAYMENT AND REFUND

3.01 The Applicant shall pay the above specified Performance Guaranty to FPL to guarantee that the Applicant's development is completed so that all transformers to serve new customers are utilized. This amount may be paid in cash or secured by either a surety bond or irrevocable bank letter of credit in a form acceptable to FPL.

3.02 This Performance Guaranty will be refunded without interest, if cash, or the required amount reduced, if secured by a surety bond or irrevocable bank letter of credit, no earlier than quarterly intervals on a prorata basis of _____ (\$ _____) for each utilized transformer and _____ (\$ _____) for the final

(Continued on Sheet No. 9.421)

(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 and downpipe 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)

APPENDIX 2
UCD

Appendix No.2
FPL
2007 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.

There are no proposed revisions.

APPENDIX 3
UCD

2007 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	39	40

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-costs, which were in use at the end of 2006. Design criteria include the following:

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

APPENDIX 4
UCD

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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,447.50	\$2,146.77	(\$300.73)
MATERIAL	\$2,014.52	\$3,299.12	\$1,284.60
TOTAL	\$4,462.02	\$5,445.89	\$983.87

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$86.16	\$118.76	\$204.92
Primary	\$205.10	\$571.16	\$776.26
Secondary	\$205.10	\$475.94	\$681.04
Poles	\$403.67	\$743.83	\$1,147.50
Transformers	\$731.04	\$187.28	\$918.32
Sub-Total	\$1,631.07	\$2,096.97	\$3,728.04
Stores Handling(2)	\$94.93	\$0.00	\$94.93
SubTotal	\$1,726.00	\$2,096.97	\$3,822.97
Engineering(4)	\$288.52	\$350.53	\$639.05
TOTAL	\$2,014.52	\$2,447.50	\$4,462.02

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$822.58	\$1,315.90	\$2,138.48
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,848.58	\$108.71	\$1,957.29
Trenching	\$0.00	\$414.70	\$414.70
Sub-Total	\$2,671.16	\$1,839.31	\$4,510.47
Stores Handling(2)	\$155.46	\$0.00	\$155.46
SubTotal	\$2,826.62	\$1,839.31	\$4,665.93
Engineering(4)	\$472.50	\$307.46	\$779.96
TOTAL	\$3,299.12	\$2,146.77	\$5,445.89

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,655.08	\$3,250.63	(\$404.45)
MATERIAL	\$3,785.92	\$6,483.70	\$2,697.78
TOTAL	\$7,441.00	\$9,734.33	\$2,293.33

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$193.04	\$252.51	\$445.55
Primary	\$466.39	\$1,122.36	\$1,588.75
Secondary	\$233.27	\$467.60	\$700.87
Poles	\$710.53	\$914.57	\$1,625.10
Transformers	\$1,462.07	\$374.56	\$1,836.63
Sub-Total	\$3,065.30	\$3,131.60	\$6,196.90
Stores Handling(2)	\$178.40	\$0.00	\$178.40
SubTotal	\$3,243.70	\$3,131.60	\$6,375.30
Engineering(4)	\$542.22	\$523.48	\$1,065.70
TOTAL	\$3,785.92	\$3,655.08	\$7,441.00

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,620.70	\$2,197.12	\$3,817.82
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$3,628.88	\$173.26	\$3,802.14
Trenching	\$0.00	\$414.70	\$414.70
Sub-Total	\$5,249.58	\$2,785.08	\$8,034.66
Stores Handling(2)	\$305.53	\$0.00	\$305.53
SubTotal	\$5,555.11	\$2,785.08	\$8,340.19
Engineering(4)	\$928.59	\$465.55	\$1,394.14
TOTAL	\$6,483.70	\$3,250.63	\$9,734.33

1 - Includes Sales Tax.

6.82 %

2 - 5.82 % of All Material.

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

20.244 %

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,909.26	\$3,245.23	(\$1,664.03)
MATERIAL	\$8,854.53	\$10,884.57	\$2,030.04
TOTAL	\$13,763.79	\$14,129.80	\$366.01

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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,868.27	\$3,361.50	(\$1,506.77)
MATERIAL	\$6,193.99	\$8,884.27	\$2,690.28
TOTAL	\$11,062.26	\$12,245.77	\$1,183.51

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE (300 KVA)****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$678.62	\$596.84	\$1,275.46
Primary	\$771.45	\$1,645.67	\$2,417.12
Secondary	\$257.20	\$457.09	\$714.29
Poles	\$1,067.24	\$944.72	\$2,011.96
Transformers	\$4,394.64	\$561.84	\$4,956.48
Sub-Total	\$7,169.15	\$4,206.16	\$11,375.31
Stores Handling(2)	\$417.24	\$0.00	\$417.24
SubTotal	\$7,586.39	\$4,206.16	\$11,792.55
Engineering(4)	\$1,268.14	\$703.10	\$1,971.24
TOTAL	\$8,854.53	\$4,909.26	\$13,763.79

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

EXHIBIT VIII (A)

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE (150 KVA)****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$498.86	\$491.49	\$990.35
Primary	\$738.61	\$1,700.63	\$2,439.24
Secondary	\$246.26	\$472.36	\$718.62
Poles	\$968.11	\$944.72	\$1,912.83
Transformers	\$2,563.18	\$561.84	\$3,125.02
Sub-Total	\$5,015.02	\$4,171.04	\$9,186.06
Stores Handling(2)	\$291.87	\$0.00	\$291.87
SubTotal	\$5,306.89	\$4,171.04	\$9,477.93
Engineering(4)	\$887.10	\$697.23	\$1,584.33
TOTAL	\$6,193.99	\$4,868.27	\$11,062.26

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,208.04	\$2,248.47	\$4,456.51
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$6,604.75	\$117.28	\$6,722.03
Trenching	\$0.00	\$414.70	\$414.70
Sub-Total	\$8,812.79	\$2,780.45	\$11,593.24
Stores Handling(2)	\$512.90	\$0.00	\$512.90
SubTotal	\$9,325.69	\$2,780.45	\$12,106.14
Engineering(4)	\$1,558.88	\$464.78	\$2,023.66
TOTAL	\$10,884.57	\$3,245.23	\$14,129.80

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,228.59	\$2,348.09	\$4,576.68
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$4,964.63	\$117.28	\$5,081.91
Trenching	\$0.00	\$414.70	\$414.70
Sub-Total	\$7,193.22	\$2,880.07	\$10,073.29
Stores Handling(2)	\$418.65	\$0.00	\$418.65
SubTotal	\$7,611.87	\$2,880.07	\$10,491.94
Engineering(4)	\$1,272.40	\$481.43	\$1,753.83
TOTAL	\$8,884.27	\$3,361.50	\$12,245.77

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,447.50	\$3,053.91	\$606.41
MATERIAL	\$2,014.52	\$3,702.50	\$1,687.98
TOTAL	\$4,462.02	\$6,756.41	\$2,294.39

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$86.16	\$118.76	\$204.92
Primary	\$205.10	\$571.16	\$776.26
Secondary	\$205.10	\$475.94	\$681.04
Poles	\$403.67	\$743.83	\$1,147.50
Transformers	\$731.04	\$187.28	\$918.32
Sub-Total	\$1,631.07	\$2,096.97	\$3,728.04
Stores Handling(2)	\$94.93	\$0.00	\$94.93
SubTotal	\$1,726.00	\$2,096.97	\$3,822.97
Engineering(4)	\$288.52	\$350.53	\$639.05
TOTAL	\$2,014.52	\$2,447.50	\$4,462.02

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,149.18	\$1,678.42	\$2,827.60
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,848.58	\$108.71	\$1,957.29
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$2,997.76	\$2,616.53	\$5,614.29
Stores Handling(2)	\$174.47	\$0.00	\$174.47
SubTotal	\$3,172.23	\$2,616.53	\$5,788.76
Engineering(4)	\$530.27	\$437.38	\$967.65
TOTAL	\$3,702.50	\$3,053.91	\$6,756.41

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

OVERHEAD VS. UNDERGROUNDSUMMARY SHEETCOST PER TRANSFORMER BANK -TWO PHASE LOOP PAD MOUNTED TRANSFORMERINCLUDING RISER AND PRIMARY LATERAL TRENCHWITH CABLE-IN-CONDUIT2007

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,655.08	\$4,462.08	\$807.00
MATERIAL	\$3,785.92	\$7,342.16	\$3,556.24
TOTAL	\$7,441.00	\$11,804.24	\$4,363.24

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$193.04	\$252.51	\$445.55
Primary	\$466.39	\$1,122.36	\$1,588.75
Secondary	\$233.27	\$467.60	\$700.87
Poles	\$710.53	\$914.57	\$1,625.10
Transformers	\$1,462.07	\$374.56	\$1,836.63
Sub-Total	\$3,065.30	\$3,131.60	\$6,196.90
Stores Handling(2)	\$178.40	\$0.00	\$178.40
SubTotal	\$3,243.70	\$3,131.60	\$6,375.30
Engineering(4)	\$542.22	\$523.48	\$1,065.70
TOTAL	\$3,785.92	\$3,655.08	\$7,441.00

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,321.57	\$2,832.29	\$5,153.86
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$3,623.07	\$161.33	\$3,784.40
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$5,944.64	\$3,823.02	\$9,767.66
Stores Handling(2)	\$345.98	\$0.00	\$345.98
SubTotal	\$6,290.62	\$3,823.02	\$10,113.64
Engineering(4)	\$1,051.54	\$639.06	\$1,690.60
TOTAL	\$7,342.16	\$4,462.08	\$11,804.24

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,868.27	\$4,494.86	(\$373.41)
MATERIAL	\$6,193.99	\$12,328.99	\$6,135.00
TOTAL	\$11,062.26	\$16,823.85	\$5,761.59

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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,909.26	\$4,494.86	(\$414.40)
MATERIAL	\$8,854.53	\$13,645.62	\$4,791.09
TOTAL	\$13,763.79	\$18,140.48	\$4,376.69

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK

THREE PHASE PRIMARY LATERAL POLE LINE

INCLUDING TRANSFORMER AND SERVICE (150 KVA)

2007

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$498.86	\$491.49	\$990.35
Primary	\$738.61	\$1,700.63	\$2,439.24
Secondary	\$246.26	\$472.36	\$718.62
Poles	\$968.11	\$944.72	\$1,912.83
Transformers	\$2,563.18	\$561.84	\$3,125.02
Sub-Total	\$5,015.02	\$4,171.04	\$9,186.06
Stores Handling(2)	\$291.87	\$0.00	\$291.87
SubTotal	\$5,306.89	\$4,171.04	\$9,477.93
Engineering(4)	\$887.10	\$697.23	\$1,584.33
TOTAL	\$6,193.99	\$4,868.27	\$11,062.26

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$678.62	\$596.84	\$1,275.46
Primary	\$771.45	\$1,645.67	\$2,417.12
Secondary	\$257.20	\$457.09	\$714.29
Poles	\$1,067.24	\$944.72	\$2,011.96
Transformers	\$4,394.64	\$561.84	\$4,956.48
Sub-Total	\$7,169.15	\$4,206.16	\$11,375.31
Stores Handling(2)	\$417.24	\$0.00	\$417.24
SubTotal	\$7,586.39	\$4,206.16	\$11,792.55
Engineering(4)	\$1,268.14	\$703.10	\$1,971.24
TOTAL	\$8,854.53	\$4,909.26	\$13,763.79

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$3,358.26	\$2,904.43	\$6,262.69
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$6,624.01	\$117.28	\$6,741.29
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$9,982.27	\$3,851.11	\$13,833.38
Stores Handling(2)	\$580.97	\$0.00	\$580.97
SubTotal	\$10,563.24	\$3,851.11	\$14,414.35
Engineering(4)	\$1,765.75	\$643.75	\$2,409.50
TOTAL	\$12,328.99	\$4,494.86	\$16,823.85

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$3,358.26	\$2,904.43	\$6,262.69
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$7,690.03	\$117.28	\$7,807.31
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$11,048.29	\$3,851.11	\$14,899.40
Stores Handling(2)	\$643.01	\$0.00	\$643.01
SubTotal	\$11,691.30	\$3,851.11	\$15,542.41
Engineering(4)	\$1,954.32	\$643.75	\$2,598.07
TOTAL	\$13,645.62	\$4,494.86	\$18,140.48

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$2,447.50	\$2,439.42	(\$8.08)
MATERIAL	\$2,014.52	\$3,522.19	\$1,507.67
TOTAL	\$4,462.02	\$5,961.61	\$1,499.59

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**SINGLE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$86.16	\$118.76	\$204.92
Primary	\$205.10	\$571.16	\$776.26
Secondary	\$205.10	\$475.94	\$681.04
Poles	\$403.67	\$743.83	\$1,147.50
Transformers	\$731.04	\$187.28	\$918.32
Sub-Total	\$1,631.07	\$2,096.97	\$3,728.04
Stores Handling(2)	\$94.93	\$0.00	\$94.93
SubTotal	\$1,726.00	\$2,096.97	\$3,822.97
Engineering(4)	\$288.52	\$350.53	\$639.05
TOTAL	\$2,014.52	\$2,447.50	\$4,462.02

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,003.19	\$1,151.94	\$2,155.13
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$1,848.58	\$108.71	\$1,957.29
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$2,851.77	\$2,090.05	\$4,941.82
Stores Handling(2)	\$165.97	\$0.00	\$165.97
SubTotal	\$3,017.74	\$2,090.05	\$5,107.79
Engineering(4)	\$504.45	\$349.37	\$853.82
TOTAL	\$3,522.19	\$2,439.42	\$5,961.61

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,655.08	\$3,583.58	(\$71.50)
MATERIAL	\$3,785.92	\$6,905.11	\$3,119.19
TOTAL	\$7,441.00	\$10,488.69	\$3,047.69

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**TWO PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$193.04	\$252.51	\$445.55
Primary	\$466.39	\$1,122.36	\$1,588.75
Secondary	\$233.27	\$467.60	\$700.87
Poles	\$710.53	\$914.57	\$1,625.10
Transformers	\$1,462.07	\$374.56	\$1,836.63
Sub-Total	\$3,065.30	\$3,131.60	\$6,196.90
Stores Handling(2)	\$178.40	\$0.00	\$178.40
SubTotal	\$3,243.70	\$3,131.60	\$6,375.30
Engineering(4)	\$542.22	\$523.48	\$1,065.70
TOTAL	\$3,785.92	\$3,655.08	\$7,441.00

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,966.18	\$2,082.86	\$4,049.04
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$3,624.60	\$158.08	\$3,782.68
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$5,590.78	\$3,070.34	\$8,661.12
Stores Handling(2)	\$325.38	\$0.00	\$325.38
SubTotal	\$5,916.16	\$3,070.34	\$8,986.50
Engineering(4)	\$988.95	\$513.24	\$1,502.19
TOTAL	\$6,905.11	\$3,583.58	\$10,488.69

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,868.27	\$3,423.69	(\$1,444.58)
MATERIAL	\$6,193.99	\$11,798.75	\$5,604.76
TOTAL	\$11,062.26	\$15,222.44	\$4,160.18

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER TRANSFORMER BANK -****THREE PHASE 300 KVA LOOP PAD MOUNTED TRANSFORMER****FROM EXISTING UNDERGROUND TERMINATION POINT****INCLUDING PRIMARY LATERAL TRENCH WITH CABLE-IN-CONDUIT****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,909.26	\$3,423.50	(\$1,485.76)
MATERIAL	\$8,854.53	\$13,115.38	\$4,260.85
TOTAL	\$13,763.79	\$16,538.88	\$2,775.09

OVERHEAD MATERIAL AND LABOR COST PER TRANSFORMER BANK**THREE PHASE PRIMARY LATERAL POLE LINE****INCLUDING TRANSFORMER (150 TOTAL KVA) AND SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$498.86	\$491.49	\$990.35
Primary	\$738.61	\$1,700.63	\$2,439.24
Secondary	\$246.26	\$472.36	\$718.62
Poles	\$968.11	\$944.72	\$1,912.83
Transformers	\$2,563.18	\$561.84	\$3,125.02
Sub-Total	\$5,015.02	\$4,171.04	\$9,186.06
Stores Handling(2)	\$291.87	\$0.00	\$291.87
SubTotal	\$5,306.89	\$4,171.04	\$9,477.93
Engineering(4)	\$887.10	\$697.23	\$1,584.33
TOTAL	\$6,193.99	\$4,868.27	\$11,062.26

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$678.62	\$596.84	\$1,275.46
Primary	\$771.45	\$1,645.67	\$2,417.12
Secondary	\$257.20	\$457.09	\$714.29
Poles	\$1,067.24	\$944.72	\$2,011.96
Transformers	\$4,394.64	\$561.84	\$4,956.48
Sub-Total	\$7,169.15	\$4,206.16	\$11,375.31
Stores Handling(2)	\$417.24	\$0.00	\$417.24
SubTotal	\$7,586.39	\$4,206.16	\$11,792.55
Engineering(4)	\$1,268.14	\$703.10	\$1,971.24
TOTAL	\$8,854.53	\$4,909.26	\$13,763.79

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,928.95	\$1,986.67	\$4,915.62
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$6,624.01	\$117.28	\$6,741.29
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$9,552.96	\$2,933.35	\$12,486.31
Stores Handling(2)	\$555.98	\$0.00	\$555.98
SubTotal	\$10,108.94	\$2,933.35	\$13,042.29
Engineering(4)	\$1,689.81	\$490.34	\$2,180.15
TOTAL	\$11,798.75	\$3,423.69	\$15,222.44

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,928.95	\$1,986.51	\$4,915.46
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$7,690.03	\$117.28	\$7,807.31
Trenching	\$0.00	\$829.40	\$829.40
Sub-Total	\$10,618.98	\$2,933.19	\$13,552.17
Stores Handling(2)	\$618.02	\$0.00	\$618.02
SubTotal	\$11,237.00	\$2,933.19	\$14,170.19
Engineering(4)	\$1,878.38	\$490.31	\$2,368.69
TOTAL	\$13,115.38	\$3,423.50	\$16,538.88

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$138.61	\$429.75	\$291.14
MATERIAL	\$82.82	\$245.06	\$162.24
TOTAL	\$221.43	\$674.81	\$453.38

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**SINGLE PHASE SMALL SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$67.06	\$118.76	\$185.82
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	\$67.06	\$118.76	\$185.82
Stores Handling(2)	\$3.90	\$0.00	\$3.90
SubTotal	\$70.96	\$118.76	\$189.72
Engineering(4)	\$11.86	\$19.85	\$31.71
TOTAL	\$82.82	\$138.61	\$221.43

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
	\$0.00	\$0.00	\$0.00
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$198.41	\$368.20	\$566.61
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$198.41	\$368.20	\$566.61
Stores Handling(2)	\$11.55	\$0.00	\$11.55
SubTotal	\$209.96	\$368.20	\$578.16
Engineering(4)	\$35.10	\$61.55	\$96.65
TOTAL	\$245.06	\$429.75	\$674.81

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

OVERHEAD VS. UNDERGROUND**SUMMARY SHEET****COST PER RISER -****LARGE SINGLE PHASE RISER****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$294.72	\$651.38	\$356.66
MATERIAL	\$286.38	\$772.90	\$486.52
TOTAL	\$581.10	\$1,424.28	\$843.18

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**SINGLE PHASE LARGE SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$301.74	\$252.51	\$554.25
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	\$301.74	\$252.51	\$554.25
Stores Handling(2)	\$17.56	\$0.00	\$17.56
SubTotal	\$319.30	\$252.51	\$571.81
Engineering(4)	\$53.37	\$42.21	\$95.58
TOTAL	\$372.67	\$294.72	\$667.39

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$713.33	\$558.09	\$1,271.42
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$713.33	\$558.09	\$1,271.42
Stores Handling(2)	\$41.52	\$0.00	\$41.52
SubTotal	\$754.85	\$558.09	\$1,312.94
Engineering(4)	\$126.18	\$93.29	\$219.47
TOTAL	\$881.03	\$651.38	\$1,532.41

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$174.25	\$527.40	\$353.15
MATERIAL	\$96.47	\$384.35	\$287.88
TOTAL	\$270.72	\$911.75	\$641.03

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**THREE PHASE SMALL SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$78.10	\$149.29	\$227.39
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	\$78.10	\$149.29	\$227.39
Stores Handling(2)	\$4.55	\$0.00	\$4.55
SubTotal	\$82.65	\$149.29	\$231.94
Engineering(4)	\$13.82	\$24.96	\$38.78
TOTAL	\$96.47	\$174.25	\$270.72

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$311.19	\$451.87	\$763.06
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$311.19	\$451.87	\$763.06
Stores Handling(2)	\$18.11	\$0.00	\$18.11
SubTotal	\$329.30	\$451.87	\$781.17
Engineering(4)	\$55.05	\$75.53	\$130.58
TOTAL	\$384.35	\$527.40	\$911.75

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$294.72	\$806.67	\$511.95
MATERIAL	\$372.67	\$1,122.36	\$749.69
TOTAL	\$667.39	\$1,929.03	\$1,261.64

OVERHEAD MATERIAL AND LABOR COST PER SERVICE**THREE PHASE LARGE SERVICE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$301.74	\$252.51	\$554.25
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	\$301.74	\$252.51	\$554.25
Stores Handling(2)	\$17.56	\$0.00	\$17.56
SubTotal	\$319.30	\$252.51	\$571.81
Engineering(4)	\$53.37	\$42.21	\$95.58
TOTAL	\$372.67	\$294.72	\$667.39

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$908.73	\$691.14	\$1,599.87
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$908.73	\$691.14	\$1,599.87
Stores Handling(2)	\$52.89	\$0.00	\$52.89
SubTotal	\$961.62	\$691.14	\$1,652.76
Engineering(4)	\$160.74	\$115.53	\$276.27
TOTAL	\$1,122.36	\$806.67	\$1,929.03

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$90.86	\$48.63	\$139.49
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$90.86	\$48.63	\$139.49
Stores Handling(2)	\$5.29	\$0.00	\$5.29
SubTotal	\$96.15	\$48.63	\$144.78
Engineering(4)	\$16.07	\$8.13	\$24.20
TOTAL	\$112.22	\$56.76	\$168.98

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

UNDERGROUND MATERIAL AND LABOR COST PER RISER**INTERMEDIATE HANDHOLE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$114.01	\$48.63	\$162.64
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$114.01	\$48.63	\$162.64
Stores Handling(2)	\$6.64	\$0.00	\$6.64
SubTotal	\$120.65	\$48.63	\$169.28
Engineering(4)	\$20.17	\$8.13	\$28.30
TOTAL	\$140.82	\$56.76	\$197.58

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

UNDERGROUND MATERIAL AND LABOR COST PER RISER**LARGE HANDHOLE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$380.33	\$184.96	\$565.29
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$380.33	\$184.96	\$565.29
Stores Handling(2)	\$22.14	\$0.00	\$22.14
SubTotal	\$402.47	\$184.96	\$587.43
Engineering(4)	\$67.28	\$30.92	\$98.20
TOTAL	\$469.75	\$215.88	\$685.63

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$936.24	\$316.13	\$1,252.37
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$936.24	\$316.13	\$1,252.37
Stores Handling(2)	\$54.49	\$0.00	\$54.49
SubTotal	\$990.73	\$316.13	\$1,306.86
Engineering(4)	\$165.61	\$52.84	\$218.45
TOTAL	\$1,156.34	\$368.97	\$1,525.31

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

Note: See Appendix B, page 3, IIC, secondary junction box, for design criteria and assumptions

UNDERGROUND MATERIAL AND LABOR COST PER CABINET**PADMOUNTED SECONDARY JUNCTION CABINET****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$0.00	\$0.00	\$0.00
Secondary	\$5,495.52	\$302.06	\$5,797.58
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$5,495.52	\$302.06	\$5,797.58
Stores Handling(2)	\$319.84	\$0.00	\$319.84
SubTotal	\$5,815.36	\$302.06	\$6,117.42
Engineering(4)	\$972.10	\$50.49	\$1,022.59
TOTAL	\$6,787.46	\$352.55	\$7,140.01

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

Note: See Appendix 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

2007

ITEM	MATERIAL(1)	LABOR(2)	TOTAL
350 MCM Al Wire (per set)	\$ 765.00	\$0.00	\$765.00
500 MCM Cu Wire (per set)	\$ 1,463.00	\$0.00	\$1,463.00
750 MCM Al Wire (per set)	\$ 846.80	\$0.00	\$846.80
750 MCM Cu Wire (per set)	\$ 1,812.20	\$0.00	\$1,812.20
Pull Setup (one per cab)	\$0.00	\$ 119.06	\$119.06
Pulling Cable (per set)	\$0.00	\$ 51.11	\$51.11
Tap Wires in Transformer and Cabinet (per set)	\$0.00	\$ 115.76	\$115.76

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 \$1,242.20

Number of Sets

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

Weighted Pulling Cost	\$0.00	\$254.50
Weighted Wire Subtotal	\$3,291.83	\$306.76

Total Cost of Secondary **\$3,853.10**

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: **\$57.88**

1 - Includes Sales Tax, 5.82 % Stores Loading of All Material, and 16.716% Engineering Overhead of all Material.

2 - Includes Payroll, Taxes, Insurance, P&W, & Transportation, and 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$441.41	\$518.13	\$959.54
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$441.41	\$518.13	\$959.54
Stores Handling(2)	\$25.69	\$0.00	\$25.69
SubTotal	\$467.10	\$518.13	\$985.23
Engineering(4)	\$78.08	\$86.61	\$164.69
TOTAL	\$545.18	\$604.74	\$1,149.92

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$502.48	\$851.32	\$1,353.80
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$502.48	\$851.32	\$1,353.80
Stores Handling(2)	\$29.24	\$0.00	\$29.24
SubTotal	\$531.72	\$851.32	\$1,383.04
Engineering(4)	\$88.88	\$142.31	\$231.19
TOTAL	\$620.60	\$993.63	\$1,614.23

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$568.69	\$928.04	\$1,496.73
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$0.00	\$0.00
Sub-Total	\$568.69	\$928.04	\$1,496.73
Stores Handling(2)	\$33.10	\$0.00	\$33.10
SubTotal	\$601.79	\$928.04	\$1,529.83
Engineering(4)	\$100.60	\$155.13	\$255.73
TOTAL	\$702.39	\$1,083.17	\$1,785.56

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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
2007

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$3,738.50	\$5,055.87	\$1,317.37
MATERIAL	\$1,946.40	\$2,992.15	\$1,045.75
TOTAL	\$5,684.90	\$8,048.02	\$2,363.12
PER FOOT TOTAL	\$4.74	\$6.71	\$1.97

OVERHEAD MATERIAL AND LABOR COST PER FOOT**SINGLE PHASE PRIMARY LATERAL POLE LINE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$357.59	\$967.35	\$1,324.94
Secondary	\$357.59	\$967.35	\$1,324.94
Poles	\$860.74	\$1,268.37	\$2,129.11
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$1,575.92	\$3,203.07	\$4,778.99
Stores Handling(2)	\$91.72	\$0.00	\$91.72
SubTotal	\$1,667.64	\$3,203.07	\$4,870.71
Engineering(4)	\$278.76	\$535.43	\$814.19
TOTAL	\$1,946.40	\$3,738.50	\$5,684.90

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,422.62	\$1,014.18	\$3,436.80
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$2,422.62	\$4,331.77	\$6,754.39
Stores Handling(2)	\$141.00	\$0.00	\$141.00
SubTotal	\$2,563.62	\$4,331.77	\$6,895.39
Engineering(4)	\$428.53	\$724.10	\$1,152.63
TOTAL	\$2,992.15	\$5,055.87	\$8,048.02
PER FOOT TOTAL	\$2.49	\$4.21	\$6.70

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$4,771.79	\$6,216.25	\$1,444.46
MATERIAL	\$2,471.33	\$5,984.30	\$3,512.97
TOTAL	\$7,243.12	\$12,200.55	\$4,957.43
PER FOOT TOTAL	\$6.04	\$10.17	\$4.13

OVERHEAD MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL POLE LINE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$726.25	\$1,879.97	\$2,606.22
Secondary	\$363.12	\$939.98	\$1,303.10
Poles	\$911.57	\$1,268.43	\$2,180.00
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$2,000.94	\$4,088.38	\$6,089.32
Stores Handling(2)	\$116.45	\$0.00	\$116.45
SubTotal	\$2,117.39	\$4,088.38	\$6,205.77
Engineering(4)	\$353.94	\$683.41	\$1,037.35
TOTAL	\$2,471.33	\$4,771.79	\$7,243.12

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$4,845.24	\$2,008.37	\$6,853.61
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$4,845.24	\$5,325.96	\$10,171.20
Stores Handling(2)	\$281.99	\$0.00	\$281.99
SubTotal	\$5,127.23	\$5,325.96	\$10,453.19
Engineering(4)	\$857.07	\$890.29	\$1,747.36
TOTAL	\$5,984.30	\$6,216.25	\$12,200.55
PER FOOT TOTAL	\$4.99	\$5.18	\$10.17

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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
2007

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
LABOR	\$5,805.15	\$5,349.23	(\$455.92)
MATERIAL	\$2,997.34	\$9,164.63	\$6,167.29
TOTAL	\$8,802.49	\$14,513.86	\$5,711.37
PER FOOT TOTAL	\$7.34	\$12.09	\$4.75

OVERHEAD MATERIAL AND LABOR COST PER FOOT**THREE PHASE PRIMARY LATERAL POLE LINE****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$1,099.03	\$2,778.97	\$3,878.00
Secondary	\$366.34	\$926.32	\$1,292.66
Poles	\$961.45	\$1,268.45	\$2,229.90
Transformers	\$0.00	\$0.00	\$0.00
Sub-Total	\$2,426.82	\$4,973.74	\$7,400.56
Stores Handling(2)	\$141.24	\$0.00	\$141.24
SubTotal	\$2,568.06	\$4,973.74	\$7,541.80
Engineering(4)	\$429.28	\$831.41	\$1,260.69
TOTAL	\$2,997.34	\$5,805.15	\$8,802.49

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$7,420.22	\$1,265.53	\$8,685.75
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$7,420.22	\$4,583.12	\$12,003.34
Stores Handling(2)	\$431.86	\$0.00	\$431.86
SubTotal	\$7,852.08	\$4,583.12	\$12,435.20
Engineering(4)	\$1,312.55	\$766.11	\$2,078.66
TOTAL	\$9,164.63	\$5,349.23	\$14,513.86
PER FOOT TOTAL	\$7.64	\$4.46	\$12.10

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% 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****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$2,422.62	\$1,014.18	\$3,436.80
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$2,422.62	\$4,331.77	\$6,754.39
Stores Handling(2)	\$141.00	\$0.00	\$141.00
SubTotal	\$2,563.62	\$4,331.77	\$6,895.39
Engineering(4)	\$428.53	\$724.10	\$1,152.63
TOTAL	\$2,992.15	\$5,055.87	\$8,048.02
PER FOOT TOTAL	\$2.49	\$4.21	\$6.70

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**TWO PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$4,845.24	\$2,008.37	\$6,853.61
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$4,845.24	\$5,325.96	\$10,171.20
Stores Handling(2)	\$281.99	\$0.00	\$281.99
SubTotal	\$5,127.23	\$5,325.96	\$10,453.19
Engineering(4)	\$857.07	\$890.29	\$1,747.36
TOTAL	\$5,984.30	\$6,216.25	\$12,200.55
PER FOOT TOTAL	\$4.99	\$5.18	\$10.17

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

UNDERGROUND MATERIAL AND LABOR COST PER FOOT**THREE PHASE PRIMARY LATERAL TRENCH****WITH CABLE-IN-CONDUIT****2007**

ITEM	MATERIAL(1)	LABOR(3)	TOTAL
Service	\$0.00	\$0.00	\$0.00
Primary	\$7,420.22	\$1,265.53	\$8,685.75
Secondary	\$0.00	\$0.00	\$0.00
Transformers	\$0.00	\$0.00	\$0.00
Trenching	\$0.00	\$3,317.59	\$3,317.59
Sub-Total	\$7,420.22	\$4,583.12	\$12,003.34
Stores Handling(2)	\$431.86	\$0.00	\$431.86
SubTotal	\$7,852.08	\$4,583.12	\$12,435.20
Engineering(4)	\$1,312.55	\$766.11	\$2,078.66
TOTAL	\$9,164.63	\$5,349.23	\$14,513.86
PER FOOT TOTAL	\$7.64	\$4.46	\$12.10

1 - Includes Sales Tax.

2 - 5.82 % of All Material.

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

4 - 16.716% of All Material and Labor.

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

2007 UCD TARIFF

AVERAGE UCD UNDERGROUND FEEDER COST

<u>Underground</u>	<u>Overhead</u>	<u>Difference</u>	
\$/Ft.....	\$/Ft.....	\$/Ft.....	
\$28.87	\$13.50		\$15.37
	Round To: \$/Ft.....		\$15.37

13 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$18,073.41
13 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$20,299.02
23 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$23,615.99
23 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$27,488.88
13 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$17,129.91
13 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$20,518.26
23 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$22,164.11
23 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$26,251.11

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

20	13 kV 9/3 cabinets
0	13 kV SS 9/3 cabinets
77	23 kV 9/3 cabinets
4	23 kV SS 9/3 cabinets
54	13 kV 6/6 cabinets
4	13 kV SS 6/6 cabinets
307	23 kV 6/6 cabinets
17	23 kV SS 6/6 cabinets

Weighted Average:	\$21,837.67
\$/Switch Cabinet	\$21,837.67

NOTE: All estimates based on three phase requirements.
 See Exhibit LIX for details.
 Note: See Appendix B , page 4, for design criteria and assumptions.

2007 UCD TARIFF

FEEDER COST

Feeder Length =	25,428
UG Feeder Cost* (excluding UG switches) =	\$792,252.83
26 UG Lateral Risers not required if UG Feeder is used	
Cost of each Lateral Riser =	\$2,238.51
26 Lateral Risers X \$2,238.51 =	(\$58,201.26)
Net UG Feeder Cost =	\$734,051.57
UG Feeder per foot cost =	<u>\$28.87</u>
OH Feeder Cost (excluding OH switches & hardware) =	\$343,308.66
OH Feeder per foot cost =	\$13.50
Feeder Differential Cost (per foot) =	\$15.37
13 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$22,012.30
13 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$24,869.02
23 kV UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) =	\$27,694.09
23 kV Salt Spray UG Switch Cabinet (9/3 cabinet w/ all hardware & cable) = ...	\$32,233.46
13 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$21,068.80
13 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$25,088.26
23 kV UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) =	\$26,242.21
23 kV Salt Spray UG Switch Cabinet (6/6 cabinet w/ all hardware & cable) = ...	\$30,995.69
13 kV OH Switch Cabinet (including switch, pole, and all Hardware) =	\$3,938.89
13 kV OH Salt Spray Switch Cabinet (including switch, pole, and all Hardware) = ...	\$4,570.00
23 kV OH Switch Cabinet (including switch, pole, and all Hardware) =	\$4,078.10
23 kV OH Salt Spray Switch Cabinet (including switch, pole, and all Hardware) = ...	\$4,744.58
13 kV UG Switch Cabinet - 9/3 Cabinet Differential =	<u>\$18,073.41</u>
13 kV Salt Spray UG Switch Cabinet - 9/3 Cabinet Differential =	\$20,299.02
23 kV UG Switch Cabinet - 9/3 Cabinet Differential =	\$23,615.99
23 kV Salt Spray UG Switch Cabinet - 9/3 Cabinet Differential =	\$27,488.88
13 kV UG Switch Cabinet - 6/6 Cabinet Differential =	\$17,129.91
13 kV Salt Spray UG Switch Cabinet - 6/6 Cabinet Differential =	\$20,518.26
23 kV UG Switch Cabinet - 6/6 Cabinet Differential =	\$22,164.11
23 kV Salt Spray UG Switch Cabinet - 6/6 Cabinet Differential =	\$26,251.11
Switch Cabinet Differential (Weighted Average) =	\$21,837.67

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

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

**2007 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)	\$25.84	\$143.30	\$117.46	\$86.06	\$212.19	\$126.13
LABOR(4)	\$83.03	\$420.90	\$337.87	\$92.61	\$432.48	\$339.87
STORES HANDLING (3)	\$1.41	\$7.83	\$6.42	\$4.70	\$11.60	\$6.90
ENGINEERING (5)	\$18.44	\$95.62	\$77.18	\$30.65	\$109.70	\$79.05
TOTAL	\$128.72	\$667.65	\$538.93	\$214.02	\$765.97	\$551.95

WOOD POLE, INACCESSIBLE

	120 VOLT, 2-WIRE SERVICE			120/240 VOLT, 3-WIRE SERVICE		
	OVERHEAD	UNDERGROUND	DIFFERENTIAL	OVERHEAD	UNDERGROUND	DIFFERENTIAL
MATERIAL (2)	\$25.84	\$143.30	\$117.46	\$86.06	\$212.19	\$126.13
LABOR(4)	\$97.97	\$496.63	\$398.66	\$109.28	\$510.30	\$401.02
STORES HANDLING (3)	\$1.41	\$7.83	\$6.42	\$4.70	\$11.60	\$6.90
ENGINEERING (5)	\$20.94	\$108.28	\$87.34	\$33.44	\$122.71	\$89.27
TOTAL	\$146.16	\$756.04	\$609.88	\$233.48	\$856.80	\$623.32

CONCRETE POLE, ACCESSIBLE

	120 VOLT, 2-WIRE SERVICE			120/240 VOLT, 3-WIRE SERVICE		
	OVERHEAD	UNDERGROUND	DIFFERENTIAL	OVERHEAD	UNDERGROUND	DIFFERENTIAL
MATERIAL (2)	\$25.84	\$155.60	\$129.76	\$86.06	\$232.07	\$146.01
LABOR(4)	\$83.03	\$420.90	\$337.87	\$92.61	\$432.48	\$339.87
STORES HANDLING (3)	\$1.41	\$8.50	\$7.09	\$4.70	\$12.68	\$7.98
ENGINEERING (5)	\$18.44	\$97.79	\$79.35	\$30.65	\$113.20	\$82.55
TOTAL	\$128.72	\$682.79	\$554.07	\$214.02	\$790.43	\$576.41

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 - 5.82 % of All Material.

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

5 - 16.716% 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

2007 UCD TARIFF

CREDITS

Lateral Trench Credit =	\$89.82 /MH X	0.029	MH =.....	\$2.60 /Ft.
			Round To.....	\$2.60 /Ft.
Secondary/Service Trench Credit =	\$89.82 /MH X	0.027	MH =.....	\$2.43 /Ft.
			Round To.....	\$2.43 /Ft.
2" Conduit Installation Credit =	\$89.82 /MH X	0.005	MH =.....	\$0.45 /Ft.
			Round To.....	\$0.45 /Ft.
Larger than 2" Conduit Installation Credit =	\$89.82 /MH X	0.007	MH =.....	\$0.63 /Ft.
			Round To.....	\$0.63 /Ft.
Large (48") Handhole/ Primary Splice Box Installation Credit =	\$89.82 /MH X	1.94	MH =.....	\$174.25 /HH
			Round To.....	\$174.25 /HH
Small (30" or smaller) Handhole Installation Credit =	\$89.82 /MH X	0.51	MH =.....	\$45.81 /HH
			Round To.....	\$45.81 /HH
Concrete Pad for Pad Mounted Transformer Credit =.....	\$89.82 /MH X	0.3	MH =.....	\$26.95 /Pad
			Round To.....	\$26.95 /Pad
Feeder Splice Box Installation Credit =	\$89.82 /MH X	7.36	MH =.....	\$661.08 /Box
			Round To.....	\$661.08 /Box
Padmount Switch Chamber Installation Credit =	\$89.82 /MH X	4.71	MH =.....	\$423.05 /Chamber
			Round To.....	\$423.05 /Chamber