Progress Energy

080186

April 1, 2008

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COMMISSION CLERK

Ms. Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Petition for Approval of Revised Underground Residential Distribution Tariffs; Docket No. _____

Dear Ms. Cole:

Pursuant to Rule 25-6.078, F.A.C., enclosed for filing on behalf of Progress Energy Florida, Inc. is the original and seven (7) copies of its petition for approval of revised underground residential distribution tariffs.

Thank you for your assistance in this matter. Should have any questions, please feel free to contact me at (727) 820-5184.

Sincerely,

John T. Burnett lms

John T. Burnett

JTB/lms
Enclosures

CMP ____
COM ____
CTR ____
ECR ____
GCL 1
OPC 1
RCA ____
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FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Progress Energy Florida, Inc. for Approval of Revised Underground Residential Distribution Tariffs.	Docket No. 080186 Submitted for filing: April 1, 2008

PETITION

Progress Energy Florida, Inc. ("PEF" or "the Company"), pursuant to the requirements of Rule 25-6.078, F.A.C., hereby requests that the Florida Public Service Commission ("the Commission") approve the revised tariff sheets, as hereby amended, contained in the attached Exhibit A. These tariff sheets comprise PEF's Underground Residential Distribution (URD) policy established pursuant to Commission Rule 25-6.078, as set forth in Part XI of the Company's Rules and Regulations Governing Electric Service. As called for in the recently amended Rule 25-6.078, the revisions contained in these tariff sheets consist of updated URD charges based on the differential between the cost of overhead and underground facilities, as well as other minor revisions described below. Exhibit B provides the revised and amended tariff sheets in legislative format, showing the revisions to the currently effective tariff sheets. In support of its petition, PEF states as follows.

Introduction

1. PEF is a public utility subject to the regulatory jurisdiction of the Commission pursuant to Chapter 366, Florida Statutes. The Company's principal place of business is located at 299 First Avenue North, St. Petersburg, Florida 33701.

2. All notices, pleadings and correspondence required to be served on the petitioner should be directed to:

John T. Burnett, Esquire
Post Office Box 14042
St. Petersburg, FL 33733-4042
Facsimile: (727) 820-5249
Email: john.burnett@pgnmail.com

For express private courier deliveries, the street address and zip code in paragraph 1 above should be used.

Discussion

3. Rule 25-6.078, F.A.C. requires that PEF file updated URD differential charges no later than April 1 of this year. The updated URD differential charges shown on the revised tariff sheets contained in Exhibit A have been calculated in accordance with recent revisions to Rule 25-6.078, F.A.C. Exhibit C includes schedules from Form PSC/EAG 13, *Overhead/Underground Residential Differential Cost Data*, which provides the underlying data and analyses supporting Progress Energy's URD charges, as specified by Rule 25-6.078. The forms were revised from their prescribed format to include, in accordance with changes to Rule 25-6.078 effective 2/1/07, "the Net Present Value of operational costs, including average historical storm restoration costs over the life of the facilities."

4. The proposed URD charges for typical subdivision lots are contained in subsection 11.03(2)(a) of PEF's tariff rules and regulations which have increased compared to the current charges established in 2003. Other updated URD charges for three-phase conductors, customer trenching credits, and new and converted service laterals, are contained in subsections 11.03(2)(b) and (c), 11.04(2)(a) and (b), and

11.05(4), respectively. The Company has also modified its Schedule of Charges in section 11.03(2)(b) to separately distinguish costs associated with the use of conduit. A summary of the reasons for each of the changes from the current URD charges is provided in Exhibit D.

5. The various revisions to Sections 11.03, 11.04 and 11.05 addressed above affect three of the seven tariff sheets in Part XI, the URD section of the Company's tariff, *i.e.*, Sheets 4.113, 4.114 and 4.115.

WHEREFORE, PEF respectfully requests that the Commission grant this petition and approve the revised and amended URD tariff sheets contained in Exhibit A hereto.

Respectfully submitted,

John T. Burnett
Associate General Counsel
Progress Energy Service Company, LLC
Post Office Box 14042
St. Petersburg, Florida 33733-4042
Telephone: 727-820-5184
Facsimile: 727-820-5249
Email: john.burnett@pgnmail.com

Attorney for
PROGRESS ENERGY FLORIDA, INC.

EXHIBIT A

REVISED URD TARIFF SHEETS
Nos. 4.113, 4.114, and 4.115
(Clean copy)

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(2) Contribution by Applicant:

(a) Schedule of Charges:

Company standard design underground residential distribution 120/240 volt single-phase service (see also Part 11.03(7)):

To subdivisions with a density of 1.0 or more
but less than six (6) dwelling units per acre ..... $785.00 per dwelling unit

To subdivisions with a density of six (6) or more
dwelling units per acre ..... $522.00 per dwelling unit

To subdivisions with a density of
six (6) or more dwelling units per acre taking service
at ganged meter pedestals ..... $277.00 per dwelling unit

To multi-occupancy buildings..... See Part 11.06(2)

(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:

Three-phase primary main or feeder charge per trench-foot within subdivision:

(U.G. - Underground, O.H. - Overhead)

#1/0 AWG U.G. vs. #1/0 AWG O.H ..... $5.61 per foot

500 MCM U.G. vs. 336 MCM O.H ..... $10.15 per foot

1000 MCM U.G. vs. 795 MCM O.H. ..... $14.40 per foot

The above costs are based on underground feeder construction using the direct burial method. If conduit is required, the following additional charge(s) will apply:

2 inch conduit	$1.55 per foot
4 inch conduit	$3.21 per foot
6 inch conduit	$5.01 per foot
Cable pulling – single phase	$1.83 per foot
Cable pulling – 3 phase small wire	$1.98 per foot
Cable pulling – 3 phase feeder	$2.56 per foot

The above costs do not require the use of pad-mounted switchgear(s), terminal pole(s), pull boxes or feeder splices. If such facilities are required, a differential cost for same will be determined by the Company on an individual basis and added to charges determined above.

(c) Credits (not to exceed the "average differential costs" stated above) will be allowed where, by mutual agreement, the Applicant provides trenching and backfilling for the use of the Company's facilities in lieu of a portion of the cash payment described above. These credits, based on the Company's design drawings, are:

Primary and/or Secondary Systems,
for each Foot of Trench..... $2.35

Service Laterals,
for each Foot of Trench..... $2.35

(3) Point of Delivery:

The point of delivery shall be determined by the Company and will be on the front half of the side of the building that is nearest the point at which the underground secondary electric supply is available to the property. The Company will not install a service on the opposite side of the building where the underground secondary electric supply is available to the property. The point of delivery will only be allowed on the rear of the building by special exception. The Applicant shall pay the estimated full cost of service lateral length required in excess of that which would have been needed to reach the Company's designated point of service.

(4) Location of Meter and Socket:

The Applicant shall install a meter socket at the point designated by the Company in accordance with the Company's specifications. Every effort shall be made to locate the meter socket in unobstructed areas in order that the meter can be read without going through fences, etc.

(5) Development of Subdivisions:

The above charges are based on reasonably full use of the land being developed. Where the Company is required to construct underground electric facilities through a section or sections of the subdivision or development where service will not be required for at least two (2) years, the Company may require a deposit from the Applicant before construction is commenced. This deposit, to guarantee performance, will be based on the estimated total cost of such facilities rather than the differential cost. The amount of the deposit, without interest, in excess of any charges for underground service will be returned to the Applicant on a prorata basis at quarterly intervals on the basis of installations to new customers. Any portion of such deposit remaining unrefunded, after five (5) years from the date the Company is first ready to render service from the extension, will be retained by the company.

(6) Relocation or Removal of Existing Facilities:

If the Company is required to relocate or remove existing overhead and/or underground distribution facilities in the implementation of these Rules, all costs thereof shall be borne exclusively by the Applicant. These costs shall include costs of relocation or removal, the in-place value (less salvage) of the facilities so removed, and any additional costs due to existing landscaping, pavement or unusual conditions.

(7) Other Provisions:

If soil compaction is required by the Applicant at locations where Company trenching is done, an additional charge may be added to the charges set forth in this tariff. The charge will be estimated based on the Applicant's compaction specifications.

11.04 UNDERGROUND SERVICE LATERALS FROM OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS.

(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 (5) separate dwelling units.

(2) Contribution by Applicant:

(a) The Applicant shall pay the Company the following average differential cost between an overhead service and an underground service lateral:

For Service Lateral up to 80 feet ..... $ 448.00

For each foot over 80 feet up to 300 feet..... $ 1.04 per foot

Service laterals in excess of 300 feet shall be based on a specific cost estimate.

(b) Credits will be allowed where, by mutual agreement, the Applicant provides trenching and backfilling in accordance with the Company specifications and for the use of the Company facilities, in lieu of a portion of the cash payment described above. These credits, based on the Company's design drawings, are as follows:

For each Foot of Trench ..... $ 2.35
The provisions of Paragraphs 11.03(3) and 11.03(4) are also applicable.

11.05 UNDERGROUND SERVICE LATERALS REPLACING EXISTING RESIDENTIAL OVERHEAD SERVICES:

Applicability:

When requested by the Applicant, the Company will install underground service laterals from existing overhead lines as replacements for existing overhead services to existing residential buildings containing less than five (5) separate dwelling units.

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.

Trenching:

The Applicant shall also provide, at no cost to the Company, a suitable trench and perform the backfilling and any landscaping, pavement, or other suitable repairs. If the Applicant requests the Company to supply the trench or remove any additional equipment other than the Service Lateral, the charge to the Applicant for this work shall be based on a specific cost estimate.

Contribution by Applicant:

The charge excluding trenching costs shall be as follows:

For Service Lateral.....$ 321.00 per service

11.06 UNDERGROUND DISTRIBUTION FACILITIES TO MULTIPLE-OCCUPANCY RESIDENTIAL BUILDINGS:

(1) Availability:

Underground electric distribution facilities may be installed within the tract of land upon which multiple-occupancy residential buildings containing five (5) or more separate dwelling units will be constructed.

(2) Contribution by Applicant:

There will be no contribution from the Applicant so long as the Company is free to construct the extension in the most economical manner, and reasonably full use is made of the tract of land upon which the multiple-occupancy buildings will be constructed. Other conditions will require a contribution from the Applicant.

(3) Responsibility of Applicant:

(a) Furnish details and specifications of the proposed building or complex of buildings. The Company will use these in the design of the electric distribution facilities required to render service.

(b) Where the Company determines that transformers are to be located inside the building, the Applicant shall provide:

i. The vault or vaults necessary for the transformers and the associated equipment, including the ventilation equipment.

ii. The necessary raceways or conduit for the Company's supply cables from the vault or vaults to a suitable point five (5) feet outside the building in accordance with the Company's plans and specifications.

iii. Conduits underneath all buildings when required for the Company's supply cables. Such conduits shall extend five (5) feet beyond the edge of the buildings for joining to the Company's facilities.

iv. The service entrance conductors and raceways from the Applicant's service equipment to the designated point of delivery within the vault.

EXHIBIT B

REVISED URD TARIFF SHEETS
Nos. 4.113, 4.114 and 4.115
(Legislative Format)

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(2) Contribution by Applicant:

(a) Schedule of Charges:

Company standard design underground residential distribution 120/240 volt single-phase service (see also Part 11.03(7)):

To subdivisions with a density of 1.0 or more but less than six (6) dwelling units per acre ..... $785428.00 per dwelling unit

To subdivisions with a density of six (6) or more dwelling units per acre ..... $522256.00 per dwelling unit

To subdivisions with a density of six (6) or more dwelling units per acre taking service at ganged meter pedestals ..... $277165.00 per dwelling unit

To multi-occupancy buildings ..... See Part 11.06(2)

(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:

Three-phase primary main or feeder charge per trench-foot within subdivision:

(U.G. - Underground, O.H. - Overhead)

#1/0 AWG U.G. vs. #1/0 AWG O.H ..... $5.6134 per foot

500 MCM U.G. vs. 336 MCM O.H ..... $10.155.84 per foot

1000 MCM U.G. vs. 795 MCM O.H. ..... $14.408.62 per foot

The above costs are based onassume that underground feeder construction using the direct burial method. utilizes system conduit but If conduit is required, the following additional charge(s) will apply:

2 inch conduit	$1.55 per foot
4 inch conduit	$3.21 per foot
6 inch conduit	$5.01 per foot
Cable pulling – single phase	$1.83 per foot
Cable pulling – 3 phase small wire	$1.98 per foot
Cable pulling – 3 phase feeder	$2.56 per foot

The above costs does not require the use of pad-mounted switchgear(s), or terminal pole(s), pull boxes or feeder splices. If such facilities are required, a differential cost for same will be determined by the Company on an individual basis and added to charges determined above.

(c) Credits (not to exceed the "average differential costs" stated above) will be allowed where, by mutual agreement, the Applicant provides trenching and backfilling for the use of the Company's facilities in lieu of a portion of the cash payment described above. These credits, based on the Company's design drawings, are:

Primary and/or Secondary Systems, for each Foot of Trench $2.351.40

Service Laterals, for each Foot of Trench $2.351.40

(3) Point of Delivery:

The point of delivery shall be determined by the Company and will be on the front half of the side of the building that is nearest the point at which the underground secondary electric supply is available to the property. The Company will not install a service on the opposite side of the building where the underground secondary electric supply is available to the property. The point of delivery will only be allowed on the rear of the building by special exception. The Applicant shall pay the estimated full cost of service lateral length required in excess of that which would have been needed to reach the Company's designated point of service.

(4) Location of Meter and Socket:

The Applicant shall install a meter socket at the point designated by the Company in accordance with the Company's specifications. Every effort shall be made to locate the meter socket in unobstructed areas in order that the meter can be read without going through fences, etc.

(5) Development of Subdivisions:

The above charges are based on reasonably full use of the land being developed. Where the Company is required to construct underground electric facilities through a section or sections of the subdivision or development where service will not be required for at least two (2) years, the Company may require a deposit from the Applicant before construction is commenced. This deposit, to guarantee performance, will be based on the estimated total cost of such facilities rather than the differential cost. The amount of the deposit, without interest, in excess of any charges for underground service will be returned to the Applicant on a prorata basis at quarterly intervals on the basis of installations to new customers. Any portion of such deposit remaining unrefunded, after five (5) years from the date the Company is first ready to render service from the extension, will be retained by the company.

(6) Relocation or Removal of Existing Facilities:

If the Company is required to relocate or remove existing overhead and/or underground distribution facilities in the implementation of these Rules, all costs thereof shall be borne exclusively by the Applicant. These costs shall include costs of relocation or removal, the in-place value (less salvage) of the facilities so removed, and any additional costs due to existing landscaping, pavement or unusual conditions.

(7) Other Provisions:

If soil compaction is required by the Applicant at locations where Company trenching is done, an additional charge may be added to the charges set forth in this tariff. The charge will be estimated based on the Applicant's compaction specifications.

11.04 UNDERGROUND SERVICE LATERALS FROM OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS.

(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 (5) separate dwelling units.

(2) Contribution by Applicant:

(a) The Applicant shall pay the Company the following average differential cost between an overhead service and an underground service lateral:

For Service Lateral up to 80 feet ..... $ 448.00~~353.99~~

For each foot over 80 feet up to 300 feet..... $ 1.04~~28~~ per foot

Service laterals in excess of 300 feet shall be based on a specific cost estimate.

(b) Credits will be allowed where, by mutual agreement, the Applicant provides trenching and backfilling in accordance with the Company specifications and for the use of the Company facilities, in lieu of a portion of the cash payment described above. These credits, based on the Company's design drawings, are as follows:

For each Foot of Trench ..... $ 2.35~~1.40~~
The provisions of Paragraphs 11.03(3) and 11.03(4) are also applicable.

11.05 UNDERGROUND SERVICE LATERALS REPLACING EXISTING RESIDENTIAL OVERHEAD SERVICES:

Applicability:

When requested by the Applicant, the Company will install underground service laterals from existing overhead lines as replacements for existing overhead services to existing residential buildings containing less than five (5) separate dwelling units.

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.

Trenching:

The Applicant shall also provide, at no cost to the Company, a suitable trench and perform the backfilling and any landscaping, pavement, or other suitable repairs. If the Applicant requests the Company to supply the trench or remove any additional equipment other than the Service Lateral, the charge to the Applicant for this work shall be based on a specific cost estimate.

Contribution by Applicant:

The charge excluding trenching costs shall be as follows:

For Service Lateral ~~up to 80 feet~~.....$ 321.00~~258.30~~ per service

~~For each foot over 80 feet up to 300 feet.....$ 0.82 per foot~~

~~Service laterals in excess of 300 feet shall be based on a specific cost estimate.~~

11.06 UNDERGROUND DISTRIBUTION FACILITIES TO MULTIPLE-OCCUPANCY RESIDENTIAL BUILDINGS:

(1) Availability:

Underground electric distribution facilities may be installed within the tract of land upon which multiple-occupancy residential buildings containing five (5) or more separate dwelling units will be constructed.

(2) Contribution by Applicant:

There will be no contribution from the Applicant so long as the Company is free to construct the extension in the most economical manner, and reasonably full use is made of the tract of land upon which the multiple-occupancy buildings will be constructed. Other conditions will require a contribution from the Applicant.

(3) Responsibility of Applicant:

(a) Furnish details and specifications of the proposed building or complex of buildings. The Company will use these in the design of the electric distribution facilities required to render service.

(b) Where the Company determines that transformers are to be located inside the building, the Applicant shall provide:

i. The vault or vaults necessary for the transformers and the associated equipment, including the ventilation equipment.

ii. The necessary raceways or conduit for the Company's supply cables from the vault or vaults to a suitable point five (5) feet outside the building in accordance with the Company's plans and specifications.

iii. Conduits underneath all buildings when required for the Company's supply cables. Such conduits shall extend five (5) feet beyond the edge of the buildings for joining to the Company's facilities.

iv. The service entrance conductors and raceways from the Applicant's service equipment to the designated point of delivery within the vault.

EXHIBIT C

DEVELOPMENT OF UPDATED URD COSTS

Schedules from Form PSC/EAG 13

PROGRESS ENERGY FLORIDA
OVERHEAD/UNDERGROUND RESIDENTIAL COST ESTIMATE

OVERHEAD vs. UNDERGROUND SUMMARY SHEET

SCHEDULE NO. 1

LOW DENSITY 210 LOT SUBDIVISION
COST PER SERVICE LATERALS

3/24/2008

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	359	692	333
Material	415	599	184
SUB TOTAL	774	1291	517
NPV of Life Cycle Operational Cost inc. Storm RestorationO&M Differential			268
Total including NPV of Life Cycle Cost			785

PROGRESS ENERGY FLORIDA
OVERHEAD/UNDERGROUND RESIDENTIAL COST DATA

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

SCHEDULE NO. 2

LOW DENSITY 210 LOT SUBDIVISION

ITEM	MATERIAL	LABOR	TOTAL
Service(2)	61.46	88.59	150.05
Primary	85.81	78.14	163.95
Secondary	64.42	24.64	89.06
Initial Tree Trim	0.00	0.00	0.00
Poles	52.16	23.06	75.22
Transformers	110.00	15.27	125.27
Sub-Total(1)	373.85	229.70	603.55
Stores Handling(3)	40.86	0.00	40.86
Sub-Total	414.71	229.70	644.41
Engineering(4)	0.00	128.88	128.88
TOTAL	414.71	358.58	773.29

1-Includes Sales Tax.

2-Includes Meter.

3-8.7% of all material: 95.40

and meters with a cost of: 32.00

4-20% of all matl. and labor: 103.06

and meters with a cost of: 41.45

PROGRESS ENERGY FLORIDA
OVERHEAD/UNDERGROUND RESIDENTIAL COST DATA

COST PER SERVICE LATERAL UNDERGROUND MATERIAL AND LABOR

SCHEDULE NO. 3

LOW DENSITY 210 LOT SUBDIVISION

ITEM	MATERIAL	LABOR	TOTAL
Service (2)	98.08	123.74	221.82
Primary	110.61	27.72	138.33
Secondary	174.39	51.77	226.16
Transformers	157.09	33.76	190.85
TRENCHING:			
Prim. & Secondary	0.00	149.23	149.23
Service	0.00	90.85	90.85
Sub-Total(1)	540.17	477.07	1017.24
Stores Handling(3)	58.72	0.00	58.72
Sub-Total	598.89	477.07	1075.96
Engineering(4)	0.00	215.19	215.19
TOTAL	598.89	692.26	1291.15

1-Includes Sales Tax.

2-Includes Meter.

3-8.7% of all material: 128.70

and meters with a cost of: 32.00

4-20% of all matl. and labor: 134.68

and meters with a cost of: 41.45

FLORIDA POWER CORPORATION
OVERHEAD/UNDERGROUND RESIDENTIAL COST ESTIMATE

OVERHEAD vs. UNDERGROUND SUMMARY SHEET

SCHEDULE NO. 5

HIGH DENSITY 176 LOT SUBDIVISION
COMPANY OWNED SERVICE LATERALS
COST PER SERVICE LATERAL

3/22/2008

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	257	524	267
Material	294	391	97
SUB TOTAL	551	915	364
NPV of Life Cycle Operational Cost inc. Storm RestorationO&M Differential			158
Total including NPV of Life Cycle Cost			522

FLORIDA POWER CORPORATION
OVERHEAD/UNDERGROUND RESIDENTIAL COST DATA

COST PER SERVICE LATERAL OVERHEAD MATERIAL AND LABOR

SCHEDULE NO. 6

HIGH DENSITY 176 LOT SUBDIVISION
COMPANY OWNED SERVICE LATERALS

ITEM	MATERIAL	LABOR	TOTAL
Service(2)	69.06	89.96	159.02
Primary	42.61	33.17	75.78
Secondary	42.62	15.95	58.57
Initial Tree Trim	0.00	0.00	0.00
Poles	35.93	17.03	52.96
Transformers	72.65	9.40	82.05
Sub-Total(1)	262.87	165.51	428.38
Stores Handling(3)	31.39	0.00	31.39
Sub-Total	294.26	165.51	459.77
Engineering(5)	0.00	91.95	91.95
TOTAL	294.26	257.46	551.72

1-Includes Sales Tax.
2-Includes Meter and Meter Socket.
3-8.7% of all material: 65.88
and meters with a cost of: 32.00
4-Includes Administration, General and Transportation.
5-20% of all matl. and labor: 71.81
and meters with a cost of: 41.45

FLORIDA POWER CORPORATION
OVERHEAD/UNDERGROUND RESIDENTIAL COST ESTIMATE

OVERHEAD vs. UNDERGROUND SUMMARY SHEET

SCHEDULE NO. 8

HIGH DENSITY 176 LOT SUBDIVISION
GANGED METERS
COST PER SERVICE

3/22/2008

ITEM	OVERHEAD	UNDERGROUND	DIFFERENTIAL
Labor	170	249	79
Material	267	307	40
SUB TOTAL	437	556	119
NPV of Life Cycle Operational Cost inc. Storm Restoration			158
Total including NPV of Life Cycle Cost			277

FLORIDA POWER CORPORATION
OVERHEAD/UNDERGROUND RESIDENTIAL COST DATA

COST PER SERVICE UNDERGROUND MATERIAL AND LABOR

SCHEDULE NO. 10

HIGH DENSITY 176 LOT SUBDIVISION
GANGED METERS

ITEM	MATERIAL	LABOR	TOTAL
Service (2)	93.22	57.45	150.67
Primary	38.71	14.67	53.38
Secondary			0.00
Transformers	140.08	30.10	170.18
TRENCHING:			
Prim. & Secondary	0.00	53.89	53.89
			0.00
Sub-Total	272.01	156.11	428.12
Stores Handling(3)	34.94	0.00	34.94
Sub-Total	306.95	156.11	463.06
Engineering(5)	0.00	92.61	92.61
TOTAL	306.95	248.72	555.67

1-Includes Sales Tax.
2-Includes Meter and Meter Socket.
3-8.7% of all material: 97.59
and meters with a cost of: 32.00
4-Includes Administration, General and Transportation.
5-20% of all matl. and labor: 101.40
and meters with a cost of: 41.45

UNDERGROUND SERVICE LATERALS FROM OVERHEAD ELECTRIC DISTRIBUTION SYSTEMS

3/22/2008

Underground Fixed Costs:	Material	Labor	Total
From Computer Study	$205.96	$297.12	$503.08
Stores 20%	$41.19		$41.19
Engineering 2 hrs. @ $31.80		$63.60	$63.60
Total			$607.87

Underground Excess Costs:	Material	Labor	Total
From Computer Study	$737.75	$745.65	$1,483.40
Stores 20%	$147.55		$147.55
Total (for 300 ft)			$1,630.95

Overhead Fixed Costs:	Material	Labor	Total
From Computer Study	$47.14	$72.08	$119.22
Stores 20%	$9.43		$9.43
Engineering 1 hrs. @ $31.80		$31.80	$31.80
Total			$160.45

Overhead Excess Costs:	Material	Labor	Total
From Computer Study	$606.19	$226.56	$832.75
Stores 20%	$121.24		$121.24
Total (for 300 ft)			$953.99

DIFFERENTIAL

Fixed Underground		$608.00
Fixed Overhead	-	$160.00
Difference		$448.00
Excess Underground		$1,630.95
Excess Overhead	-	$953.99
Difference		$676.96

Excess Cost per foot: 1.04

UNDERGROUND SERVICE LATERALS REPLACING
EXISTING RESIDENTIAL OVERHEAD SERVICES

date 3/22/2008

Fixed Cost

Overhead to Underground Service Differential (Calculated Previously)	$448.00
Removal Cost of Overhead Service (From Computer Study)	$40.09
Less Trenching	($160.81)
Depreciated Cost of Overhead Service	$38.15
Salvage of Overhead Service	($44.59)
Total	$321

FLORIDA POWER CORPORATION
OVERHEAD / UNDERGROUND RESIDENTIAL COST DATA

AVERAGE UNDERGROUND FEEDER COSTS

SCHEDULE NO. 12
3/22/2008

1/0 Al. Underground Cable

	Material	Labor	Total
From Computer Study	$20,036.70	$12,035.07	$32,071.77
Stores 8.7%	$1,743.19	$0.00	$1,743.19
Subtotal			$33,814.96
Engineering & Supervision 20%			$6,763.00
Total			$40,577.96

1/0 AAAC Overhead Conductor

	Material	Labor	Total
From Computer Study	$9,940.58	$12,128.91	$22,069.49
Stores 8.7%	$864.83	$0.00	$864.83
Subtotal			$22,934.32
Engineering & Supervision 20%			$4,586.86
Total			$27,521.18

NPV Life Cycle Cost $3.14

Differential = (40890.14 - 27676.26) / 5280

= $5.61 /ft.

FLORIDA POWER CORPORATION
OVERHEAD / UNDERGROUND RESIDENTIAL COST DATA

AVERAGE UNDERGROUND FEEDER COSTS

SCHEDULE NO. 12

500 MCM Al. Underground Cable

	Material	Labor	Total
From Computer Study	$41,213.70	$16,309.43	$57,523.13
Stores 8.7%	$3,585.59	$0.00	$3,585.59
Subtotal			$61,108.72
Engineering & Supervision 20%			$12,221.74
Total			$73,330.46

336 MCM AAAC Overhead Conductor

	Material	Labor	Total
From Computer Study	$16,311.64	$12,527.06	$28,838.70
Stores 8.7%	$1,419.11	$0.00	$1,419.11
Subtotal			$30,257.81
Engineering & Supervision 20%			$6,051.56
Total			$36,309.37

NPV Life Cycle Cost $3.14

Differential = (73973.40 - 36563.83) / 5280

= $10.15 /ft.

FLORIDA POWER CORPORATION
OVERHEAD / UNDERGROUND RESIDENTIAL COST DATA

AVERAGE UNDERGROUND FEEDER COSTS

SCHEDULE NO. 12

1000 MCM Al. Underground Cable

	Material	Labor	Total
From Computer Study	$65,648.70	$20,292.33	$85,941.03
Stores 8.7%	$5,711.44	$0.00	$5,711.44
Subtotal			$91,652.47
Engineering & Supervision 20%			$18,330.49
Total			$109,982.96

795 MCM AAAC Overhead Conductor

	Material	Labor	Total
From Computer Study	$26,856.25	$12,909.01	$39,765.26
Stores 8.7%	$2,336.49	$0.00	$2,336.49
Subtotal			$42,101.75
Engineering & Supervision 20%			$8,420.35
Total			$50,522.10

NPV Life Cycle Cost $3.14

Differential = (111007.008 - 50941.07) / 5280

= $14.40 /ft.

Progress Energy Florida

DISTRIBUTION CONSTRUCTION COSTS — LOW DENSITY OVERHEAD SUBDIVISION - 210 LOTS

DATE: 3/24/2008
PAGE: 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Services					
S301	210	svc 1/cbl,tri w/o po att dev,1/0 al	3.54	34.55	38.09
TSC	210	TAP-UP SECONDARY AND CODE	0.00	24.74	24.74
S32	7755	SERVICE CABLE, 3 WIRE #2 AL	17.73	15.75	33.48
C30	423	AERIAL CABLE, 3 WIRE, 4/0 AL	2.80	0.86	3.66
S31	1692	SERVICE WIRE, 3 WIRE,#1/0AL	5.40	3.44	8.83
USER-INPUT:MTR	210	METER	32.00	9.26	41.26
			61.46	88.59	150.06
*** OH Primary					
WR1	15766	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	15.77	32.02	47.79
V101 M	15	VERT 1PH 0 TO 5 DEG, 1/0 AAAC	1.33	0.70	2.03
V111 M	15	VERT 1PH 6 TO 15 DEG, 1/0AAAC	2.98	0.70	3.68
V121 M	17	VERTICAL 1PH 16 TO 59 DEG 1/0 AAAC	2.39	0.79	3.18
V131 M	2	VERTICAL 1PH 60 TO 90 DEG 1/0 & #4 AAAC	0.51	0.19	0.70
V141 M	17	VERTICAL 1 PH DEADEND 1/0 & #4 AAAC	2.16	0.79	2.96
V151 M	8	VERT 1PH SLACKSPAN, 1/0AAAC	0.71	2.89	3.60
V307 M	2	VERTICAL 3PH 0 TO 5 DEG. 795 AAC	0.67	0.28	0.95
CP	31	USE "CP M" cutout 15kv pole mtd "L" brkt	7.31	2.64	9.96
AP1	10	arr 9 kv w/o bracket (1)	1.31	0.65	1.96
N1E1 M	40	NEUTRAL 1 WIRE EYEBOLT 1/0 AAAC AUTO DE	2.35	1.62	3.98
N1S1S M	6	NEUTRAL 1 WIRE SPOOL&BOLT1/0AAAC SLCKSPN	0.18	2.17	2.34
N101	10	neutral 1 wire no pole attach dev 1/0AL	0.47	0.35	0.82
EN	10	EYE NUT 5/8"	0.06	0.02	0.08
SUPW	9	SETUP PILOT WINDER	0.00	1.83	1.83
SUTT	9	SETUP TENSIONER, TUGGER	0.00	7.31	7.31
KC11	14	COMPRESSION CONN 1/0 STR AL-1/0 STR AL	0.03	0.20	0.23
KC71	2	WEDGE CONN 795 MCM AL 1/0 STR AL	0.25	0.03	0.28
KSC1	10	STEM CONNECTOR 1/0 AL	0.08	0.14	0.22
MSC11	4	MID-SPAN CLAMP 1/0 AAAC TO 1/0 AAAC	0.56	0.20	0.76
MST11	2	MID SPAN TAP 1/0 AAC TO 1/0 AAC	0.23	0.24	0.46
N1C1 M	3	NEUTRAL 1 WIRE CLAMP MESSENGER 1/0 AAAC	0.22	0.06	0.28
FL7	60	FIBERGLASS LINK 78", 15M	4.14	0.61	4.75

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
GA111 M	55	GUY ASSY 1PH 1/0AAAC PH 5/16&N 5/16-10"	23.03	12.06	35.09
GDC5	50	GUYDOWN, NO LINK, 5/16" GUY WIRE	6.32	4.06	10.38
GDC7	11	GUY DOWN, NO LINK, 7/16" GUY WIRE	1.91	1.16	3.07
GSC5	18	GUY SPAN, NO LINK, 5/16" GUY WIRE	1.82	1.46	3.28
ANC8	9	ANCHOR, SINGLE HELIX, 8"	0.71	0.42	1.13
AN10	54	ANCHOR SINGLE HELIX 10"	8.32	2.52	10.85
			85.81	78.14	163.94
*** OH Secondary					
C3C0 M	19	SEC CBL 3W MESSENGER CLAMP 4/0 AL	1.38	0.39	1.77
C3C1 M	1	SEC CABLE 3/W, MESSENGER CLAMP 1/0 AL	0.07	0.02	0.09
C3E0 M	8	SEC CBL TRIPX W/EYEBOLT4/0AL	0.47	0.32	0.80
C3E1S M	57	SEC CBL TRIPLEX W/EYEBOLT 1/0AL SLCKSPN	4.29	2.32	6.60
C31	2550	AERIAL CABLE, 3 WIRE,#1/0AL	11.29	5.18	16.47
C30	6565	AERIAL CABLE, 3 WIRE, 4/0 AL	43.45	13.33	56.79
S32	330	SERVICE CABLE, 3 WIRE #2 AL	0.75	0.67	1.42
EN	69	EYE NUT 5/8"	0.42	0.14	0.56
C301S	15	sec cbl trplx no pole attach 1/0al slack	0.10	0.55	0.65
C3E0S M	5	SEC CBL TRIPLEX W/EYEBOLT 4/0AL SLCKSPN	0.40	0.20	0.60
C3E1 M	4	SEC CBL TRIPX W/EYEBOLTDE 1/0AL	0.24	0.16	0.40
C300	32	sec cbl trplx no pole attach dev 4/0al	1.52	1.17	2.69
C300S	5	sec cbl triplx no pole attach 4/0 slack	0.03	0.18	0.22
			64.42	24.64	89.06
*** OH Poles					
P30	53	POLE WOOD 30' CL 6	19.43	9.70	29.13
P35	64	POLE WOOD 35' CL 5	26.15	11.71	37.86
P40	9	POLE WOOD 40' CL 5	6.58	1.65	8.22
			52.16	23.06	75.22

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Transformers					
TA1S25 M	1	XFMRASSY 1PH120/240V 7200Y 1B/C 25KVA	2.58	0.35	2.94
TA1S50 M	17	XFMR ASSY 1PH 120/240V 1 BUSHC 50KVA	64.41	7.91	72.32
TA1D75T M	7	XFMRASSY 1PH120/240V 2B/C75KVA TAPS	38.86	3.71	42.57
GO	25	GROUND, OVERHEAD	3.77	2.69	6.46
KSP1	25	COMPRESSICN STIRRUP, 1/0 STR AL	C.38	0.61	0.99
			110.00	15.27	125.27

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Services					
US320	8745	SEC CABLE D/B 2/0-2/0-#2 AL	33.73	12.08	45.81
US340	1430	4/0-4/0-2/0 AL D/B TRIPLEX SERVICE CABLE	8.65	1.97	10.62
US33	1375	UG D/B SERVICE CABLE 350-350-4/0 AL	13.10	1.90	14.99
MBR4	25	METER BASE RISER 4"	1.70	3.71	5.41
MBR2	185	METER BASE RISER 2"	8.91	27.43	36.34
USER-INPUT:MTR	210	METER	32.00	9.26	41.26
MANHOUR1UG	210	ONE HOUR OF UG WORK	0.00	42.65	42.65
TSC	210	TAP-UP SECONDARY AND CODE	0.00	24.74	24.74
			98.08	123.74	221.82
*** UG Primary					
UP11	17989	PRI CABLE 15 KV, 1PH, 1/0AL	100.22	19.00	119.22
TMP21 M	1	TERMINAL POLE RISER, 2 PH1/0 SOLID AL	1.10	1.93	3.03
TMP11 M	3	TERMINAL POLE RISER, 1 PH1/0 SOLID AL	1.78	4.35	6.13
CA2T	1	cutout & arr 2 ea w/triple mtg brkt t/p	1.18	0.22	1.40
CA1T	3	cutout & arr. w/"t" brkt terminal pole	1.39	0.37	1.76
KSP7	4	WEDGE STIRRUP 795 MCM AL	0.65	0.06	0.71
CHP	4	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	0.71	0.71
GO	4	GROUND, OVERHEAD	0.60	0.43	1.03
AE	4	ARRESTER ELBOW	1.18	0.33	1.51
APS	4	ARRESTER - PARK STAND	2.49	0.33	2.82
			110.61	27.72	138.33
*** UG Secondary					
UC320	3169	2/0 UG DIRECT BURIAL TRIPLEX CABLE	12.22	3.22	15.44
UC340	6500	4/0 UG D/ B TRIPLEX 4/0-4/0-2/0 AL	39.31	8.98	48.29
UC33	8094	SEC CABLE D/B 3/C 350-350-4/0 AL	77.09	11.18	88.26
ME	62	MARKER ELECTRONIC - WHOOPEE CUSHION	2.50	1.01	3.51
K044W	120	CONNECTOR PED 4 WAY 4/0 WATERPROOF	4.84	2.65	7.49
K060	63	CONNECTOR PEDESTAL 6 WAY 4/0 STR	1.61	1.39	3.00

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
K065	126	CONNECTOR PEDESTAL 6 WAY 500 MCM	6.10	2.78	8.88
PED0	12	PED SEC 12X20	6.14	0.69	6.83
PED7	30	PED SEC FLUSH 9X14	3.55	4.08	7.63
PED4	62	PED SEC 9X14	21.04	3.54	24.59
TSC	104	TAP-UP SECONDARY AND CODE	0.00	12.25	12.25
			174.39	51.77	226.16
*** UG Transformers					
TA1L25 M	3	XFMR ASSY 120/240V PDMT DF LOOP 25KVA	15.78	2.55	18.33
TA1L50 M	19	XFMR ASSY 120/240V PDMT DF LP 50KVA	126.78	16.14	142.92
K580	84	CONNECTOR XFMR 5/8" STUD 8 WAY 4/0 STR	2.94	1.86	4.80
K065	66	CONNECTOR PEDESTAL 6 WAY 500 MCM	3.19	1.46	4.65
TE1	44	TERMNR LDBRK 200 A, LDBRKELBOW	5.65	9.38	15.03
GU	22	GROUND ROD AND COUPLING	2.74	2.37	5.11
			157.09	33.76	190.85
*** UG Primary/Secondary Trenching					
TRM	17920	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	149.23	149.23
			0.00	149.23	149.23
*** UG Service Trenching					
TRH	2100	TRENCH BY HAND PER FT, INC BACKFILLNG	0.00	38.39	38.39
TRM	6300	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	52.46	52.46
			0.00	90.85	90.85

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Transformers Only					
T1S25	1	XFMR 120/240 7200/12470Y 1BC 25KVA	2.26	0.20	2.45
T1S50	17	XFMR 120/240 7200/12470Y 1BC 50KVA	58.66	5.28	63.95
T1D75T	7	XFMR 120/240V 7200/12470Y2B/C 75KVAW/TP	34.49	2.18	36.66
			95.40	7.66	103.06
*** UG Transformers Only					
T1L25	3	XFMR 1PH 120/240V PM DF LOOP, 25KVA	13.89	0.82	14.71
T1L50	19	XFMR 1PH 120/240V PM DF LOOP, 50KVA	114.81	5.17	119.97
			128.70	5.98	134.68

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Services					
S31	2623	SERVICE WIRE, 3 WIRE,#1/0AL	9.99	6.36	16.34
C30	3350	AERIAL CABLE, 3 WIRE, 4/0 AL	26.46	8.12	34.58
S32	499	SERVICE CABLE, 3 WIRE #2 AL	1.36	1.21	2.57
TSC	61	TAP-UP SECONDARY AND CODE	0.00	8.57	8.57
S300	17	svc 1/cbl,w/o pole att dev,4/0 al	1.37	1.03	2.40
S302	9	svc 1/cbl,tri,no pole att dev#2 al	0.28	1.77	2.04
S301	35	svc 1/cbl,tri w/o po att dev,1/0 al	0.70	6.87	7.57
USER-INPUT:MTR	176	METER	32.00	9.26	41.26
			72.16	43.18	115.34
*** OH Primary					
WR1	5437	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	7.68	15.60	23.28
CA1	5	cutout & arr (1 ea) pole mtd on "T" brkt	2.30	0.73	3.03
V101 M	19	VERT 1PH 0 TO 5 DEG, 1/0 AAAC	2.00	1.06	3.06
V111 M	1	VERT 1PH 6 TO 15 DEG, 1/0AAAC	0.24	0.06	0.29
V141 M	14	VERTICAL 1 PH DEADEND 1/0 & #4 AAAC	2.13	0.78	2.91
V151 M	5	VERT 1PH SLACKSPAN, 1/0AAAC	0.53	2.16	2.68
V201 M	12	VERT 2PH, 0 TO 5 DEG, 1/0AAAC	2.53	1.34	3.87
V241 M	4	VERT 2PH DEADEND #1/0 & #4 AAAC	1.22	0.45	1.66
N1S1 M	4	NEUTRAL, 1 WIRE, W/SPOOL & BOLT 1/0 AAAC	0.13	0.22	0.36
N101	38	neutral 1 wire no pole attach dev 1/0AL	2.15	1.57	3.72
EN	38	EYE NUT 5/8"	0.28	0.09	0.37
AN10	13	ANCHOR SINGLE HELIX 10"	2.39	0.72	3.12
GD05	26	GUYDOWN, NO LINK, 5/16" GUY WIRE	3.92	2.52	6.44
GG	13	GUY GUARD	0.18	0.16	0.34
FL7	18	FIBERGLASS LINK 78", 15M	1.48	0.22	1.70
GO	14	GROUND, OVERHEAD	2.52	1.80	4.32
			31.69	29.46	61.15

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Secondary					
C3C	770	AERIAL CABLE, 3 WIRE, 4/0 AL	6.08	1.87	7.95
C3C0 M	16	SEC CBL 3W MESSENGER CLAMP 4/0 AL	1.39	0.39	1.78
			7.47	2.25	9.72
*** OH Poles					
P35	30	POLE WOOD 35' CL 5	14.63	6.55	21.18
P30	21	POLE WOOD 30' CL 6	9.19	4.59	13.77
P40	8	POLE WOOD 40' CL 5	6.98	1.75	8.72
			30.79	12.88	43.67
*** OH Transformers					
TA1D75T M	11	XFMRASSY 1PH120/240V 2B/C75KVA TAPS	72.87	6.96	79.83
TA1S50 M	1	XFMR ASSY 1PH 120/240V 1 BUSHC 50KVA	4.52	0.55	5.08
TA1D100T M	2	XFMRASSY 1PH120/240V 2B/C100KVA TAPS	17.58	1.29	18.87
KSP1	20	COMPRESSION STIRRUP, 1/0 STR AL	0.36	0.58	0.94
			95.33	9.38	104.71

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Services					
UC33	1371	SEC CABLE D/B 3/C 350-350-4/0 AL	15.58	2.26	17.84
UC340	1522	4/0 UG D/ B TRIPLEX 4/0-4/0-2/0 AL	10.98	2.51	13.49
UC320	6729	2/0 UG DIRECT BURIAL TRIPLEX CABLE	30.97	8.16	39.12
MANHOUR1UG	63	ONE HOUR OF UG WORK	0.00	15.27	15.27
TSC	63	TAP-UP SECONDARY AND CODE	0.00	8.86	8.86
MBR2	60	METER BASE RISER 2"	3.45	10.61	14.06
MBR4	3	METER BASE RISER 4"	0.24	0.53	0.77
USER-INPUT:MTR	176	METER	32.00	9.26	41.26
			93.22	57.45	150.57
*** UG Primary					
CHF	2	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	0.43	0.43
UP11	4732	PRI CABLE 15 KV, 1PH, 1/0AL	31.46	5.96	37.42
CA1T	4	cutout & arr. w/"t" brkt terminal pole	2.21	0.58	2.79
GO	4	GROUND, OVERHEAD	0.72	0.51	1.23
TMP11 M	4	TERMINAL POLE RISER, 1 PH1/0 SOLID AL	2.83	6.92	9.76
KSP7	4	WEDGE STIRRUP 795 MCM AL	0.78	0.07	0.85
AE	2	ARRESTER ELBOW	0.71	0.19	0.90
			38.71	14.67	53.38
*** UG Transformers					
TA1L50 M	6	XFMR ASSY 120/240V PDMT DF LP 50KVA	47.77	6.08	53.85
TA1L75 M	8	XFMR ASSY 120/240V PDMT DF LOOP 75 KVA	79.20	8.11	87.31
PADS	14	XFMR PAD SET SINGLE PHASE	3.50	5.68	9.18
GU	14	GROUND ROD AND COUPLING	2.08	1.80	3.88
TE1	28	TERMNR LDERK 200 A, LDBRKELBOW	4.29	7.12	11.41
K580	42	CONNECTOR XFMR 5/8" STUD 8 WAY 4/0 STR	1.76	1.11	2.86
APS	2	ARRESTER - PARK STAND	1.49	0.19	1.68
			140.08	30.10	170.18

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Primary/Secondary Trenching					
TRH	315	TRENCH BY HAND PER FT, INC BACKFILLNG	0.00	6.87	6.87
TRM	4732	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	47.02	47.02
			0.00	53.89	53.89

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Transformers Only					
T1D75	11	XFMR 120/240V 7200/12470Y2 B/C 75KVA	54.19	3.42	57.61
T1D100T	2	XFMR 120/240V 7200/12470Y2E/C100KVAW/TP	13.48	0.64	14.12
T1S50	1	XFMR 120/240 7200/12470Y 1EC 50KVA	3.45	0.31	3.76
			71.12	4.37	75.50
*** UG Transformers Only					
T1L50	6	XFMR 1PH 120/240V PM DF LOOP, 50KVA	36.25	1.63	37.89
T1L75	8	XFMR 1PH 120/240V PM DF LOOP, 75KVA	61.33	2.18	63.51
			97.59	3.81	101.40

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Services					
S31	3424	SERVICE WIRE, 3 WIRE,#1/0AL	13.03	8.30	21.33
S32	4638	SERVICE CABLE, 3 WIRE #2 AL	12.65	11.24	23.89
TSC	176	TAP-UP SECONDARY AND CODE	0.00	24.74	24.74
S331	86	svc 1/cbl tri w/btrfly clamp 1/0 al	9.56	18.76	28.32
USER-INPUT:MTR	176	METER	32.00	9.26	41.26
S301	90	svc 1/cbl,tri w/o po att dev,1/0 al	1.81	17.67	19.48
			69.06	89.96	159.02
*** OH Primary					
WR1	6334	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	7.56	15.35	22.91
AP1	2	arr 9 kv w/o bracket (1)	0.31	0.16	0.47
CA1	4	cutout & arr (1 ea) pole mtd on "T" brkt	1.84	0.58	2.42
N101	26	neutral 1 wire no pole attach dev 1/0AL	1.47	1.07	2.54
V101 M	30	VERT 1PH 0 TO 5 DEG, 1/0 AAAC	3.17	1.67	4.84
V121 M	3	VERTICAL 1PH 16 TO 59 DEG 1/0 AAAC	0.50	0.17	0.67
V201 M	6	VERT 2PH, 0 TO 5 DEG, 1/0AAAC	1.27	0.67	1.94
V307 M	1	VERTICAL 3PH 0 TO 5 DEG. 795 AAC	0.40	0.17	0.56
V241 M	4	VERT 2PH DEADEND #1/0 & #4 AAAC	1.22	0.45	1.66
V221 M	1	VERT. 2 PH 16 TO 59 DEG. 1/0 AAAC	0.34	0.11	0.45
V141 M	15	VERTICAL 1 PH DEADEND 1/0 & #4 AAAC	2.28	0.84	3.11
EN	26	EYE NUT 5/8"	0.19	0.06	0.25
N1E1 M	24	NEUTRAL 1 WIRE EYEBOLT 1/0 AAAC AUTO DE	1.68	1.16	2.35
CP	3	USE "CP M" cutout 15kv pole mtd "I" brkt	0.84	0.31	1.15
AP1	8	arr 9 kv w/o bracket (1)	1.25	0.62	1.87
GO	20	GROUND, OVERHEAD	3.60	2.57	6.17
GA111 M	24	GUY ASSY 1PH 1/0AAAC PH 5/16&N 5/16-10"	11.99	6.28	18.27
FL7	18	FIBERGLASS LINK 78", 15M	1.48	0.22	1.70
ANC8	13	ANCHOR, SINGLE HELIX, 8"	1.22	0.72	1.95
			42.61	33.17	75.78

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Secondary					
C30	3176	AERIAL CABLE, 3 WIRE, 4/0 AL	25.08	7.70	32.78
C31	2447	AERIAL CABLE, 3 WIRE,#1/0AL	12.93	5.93	18.86
C3C0 M	24	SEC CBL 3W MESSENGER CLAMP 4/0 AL	2.09	0.58	2.67
C3E0 M	36	SEC CBL TRIPX W/EYEBOLT4/0AL	2.53	1.74	4.27
			42.62	15.95	58.58
*** OH Poles					
P30	42	POLE WOOD 30' CL 6	18.38	9.17	27.55
P35	36	POLE WOOD 35' CL 5	17.55	7.86	25.41
			35.93	17.03	52.96
*** OH Transformers					
TA1S50 M	16	XFMR ASSY 1PH 120/240V 1 BUSHC 50KVA	72.33	8.88	81.21
KSP1	18	COMPRESSION STIRRUP, 1/0 STR AL	0.32	0.52	0.85
			72.65	9.40	82.06

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Services					
UC320	8800	2/0 UG DIRECT BURIAL TRIPLEX CABLE	40.50	10.67	51.17
MBR2	176	METER BASE RISER 2"	10.11	31.14	41.25
USER-INPUT:MTR	176	METER	32.00	9.26	41.26
TSC	176	TAP-UP SECONDARY AND CODE	0.00	24.74	24.74
MANHOUR1UG	176	ONE HOUR OF UG WORK	0.00	42.65	42.65
			82.61	118.45	201.06
*** UG Primary					
UP11	4678	PRI CABLE 15 KV, 1PH, 1/0AL	31.10	5.90	36.99
CA1T	4	cutout & arr. w/"t" brkt terminal pole	2.21	0.58	2.79
TMP11 M	4	TERMINAL POLE RISER, 1 PH1/0 SOLID AL	2.83	6.92	9.76
KSP7	4	WEDGE STIRRUP 795 MCM AL	0.78	0.07	0.85
			36.92	13.47	50.39
*** UG Secondary					
UC320	5721	2/0 UG DIRECT BURIAL TRIPLEX CABLE	26.33	6.93	33.26
UC33	1324	SEC CABLE D/B 3/C 350-350-4/0 AL	15.05	2.18	17.23
UC340	2185	4/0 UG D/ B TRIPLEX 4/0-4/0-2/0 AL	15.77	3.60	19.37
PED4	57	PED SEC 9X14	23.09	3.89	26.97
TSC	57	TAP-UP SECONDARY AND CODE	0.00	8.01	8.01
K040	114	CONNECTOR PEDESTAL 4 WAY 4/0 STR	2.38	3.01	5.38
K031	57	CONNECTOR PED 3 CONDUCTOR 1/0	0.91	1.50	2.41
ME	42	MARKER ELECTRONIC - WHOOPEE CUSHION	2.02	0.81	2.83
			85.53	29.94	115.46
*** UG Transformers					
TA1L50 M	5	XFMR ASSY 120/240V PDMT DF LP 50KVA	39.81	5.07	44.88
PADS	14	XFMR PAD SET SINGLE PHASE	3.50	5.68	9.18

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
TA1L75 M	9	XFMR ASSY 120/240V PDMT DF LOOP 75 KVA	89.09	9.12	98.22
CHF	2	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	0.43	0.43
GU	14	GROUND ROD AND COUPLING	2.08	1.80	3.88
TE1	28	TERMNR LDBRK 200 A, LDBRKELBOW	4.29	7.12	11.41
K580	42	CONNECTOR XFMR 5/8" STUD 8 WAY 4/0 STR	1.76	1.11	2.86
AE	2	ARRESTER ELBOW	0.71	0.19	0.90
APS	2	ARRESTER - PARK STAND	1.49	0.19	1.68
			142.72	30.72	173.44
*** UG Primary/Secondary Trenching					
TRM	8851	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	87.95	87.95
			0.00	87.95	87.95
*** UG Service Trenching					
TRM	5280	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	52.46	52.46
TRH	1760	TRENCH BY HAND PER FT, INC BACKFILLNG	0.00	38.39	38.39
			0.00	90.85	90.85

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Transformers Only					
T1S5C	16	XFMR 120/240 7200/12470Y 1PC 50KVA	65.88	5.93	71.81
			65.88	5.93	71.81
*** UG Transformers Only					
T1L5C	5	XFMR 1PH 120/240V PM DF LOCP, 50KVA	36.05	1.62	37.67
T1L75	9	XFMR 1PH 120/240V PM DF LOCP, 75KVA	82.33	2.92	85.25
			118.38	4.54	122.92

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Feeder					
TRM	5280	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	9233.66	9233.66
UP31	16290	PRI CABLE, 15 KV, 3PH, 1/0 AL	20036.70	2640.61	22677.31
CHP	2	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	75.07	75.07
SL	3	SWITCH, UG LOOPS	0.00	85.73	85.73
			20036.70	12035.07	32071.77
*** OH Feeder					
P45	19	POLE WOOD 45' CL 4	3972.52	730.14	4702.66
V301	19	VERT 3PH, 0 TO 5 DEG 1/0 AL	307.23	526.76	833.99
V341	1	VERT 3PH DEADEND 1/0 & #4 AAAC	29.87	36.25	66.12
N1S1	19	NEUTRAL 1 WIRE SPOOL&BOLT1/0 AAAC	23.56	137.77	161.33
N1E1	1	NEUTRAL 1 WIRE W/EYEBLT 1/0AAAC AUTO DE	9.96	11.52	21.48
KAT1	15	ARR TAP(AL HOTLINE CLAMP)FOR 1/0 AL	85.80	31.99	117.79
AP1	15	arr 9 kv w/o bracket (1)	413.70	204.73	618.43
GO	5	GROUND, OVERHEAD	158.30	113.03	271.33
GA311 M	2	GUYASSY3PH1/0AAAC AB&BC5/16N5/16-2H S/G	339.86	132.22	472.08
WR1	21754	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	4568.34	9278.08	13846.42
SUPW	1	SETUP PILOT WINDER	0.00	42.65	42.65
SUTT	2	SETUP TENSIONER, TUGGER	0.00	341.22	341.22
SUTRC	3	SETUP TENSIONER REEL CHANGE	0.00	511.83	511.83
KST1	4	COMPRESSION SLV AUTO 1/0 AAAC FULL TENS	31.44	30.71	62.15
			9940.58	12128.91	22069.49

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Feeder					
TRM	5280	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	9233.66	9233.66
UP35	16290	PRI CABLE, 15 KV 3PH, 500MCM AL	41213.70	6972.12	48185.82
CHP	2	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	75.07	75.07
SL	1	SWITCH, UG LOOPS	0.00	28.58	28.58
			41213.70	16309.43	57523.13
*** OH Feeder					
P45	24	POLE WOOD 45' CL 4	5017.92	922.29	5940.21
V3C3	24	VERT 3PH, 0 TO 5 DEG, 336AAC	152.40	665.38	817.78
V343	1	VERT 3PH DEADEND, 336 AAC	27.64	27.72	55.36
N1S1	24	NEUTRAL 1 WIRE SPOOL&BOLT1/0 AAAC	29.76	174.02	203.78
N1E1	1	NEUTRAL 1 WIRE W/EYEBLT 1/0AAAC AUTO DE	9.96	11.52	21.48
KAT3	12	ARR TAP(AL HOTLINE CLAMP)FOR 336 AAC	68.64	25.59	94.23
AP1	12	arr 9 kv w/o bracket (1)	330.96	163.79	494.75
GO	4	GROUND, OVERHEAD	126.64	90.42	217.06
GA333 M	2	GUYASSY 3PH336 A&C 7/16 B7/16-2HN5/16-10	516.80	216.67	733.47
WR3	16314	WIRE 336 AAC AL ON REEL	3809.56	6957.92	15767.48
WR1	5436	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	1141.56	2318.45	3460.01
SUPW	1	SETUP PILOT WINDER	0.00	42.65	42.65
SUTT	2	SETUP TENSIONER, TUGGER	0.00	341.22	341.22
SUTRC	3	SETUP TENSIONER REEL CHANGE	0.00	511.83	511.83
KST3	3	COMPRESSION SLV FULL TENSION 336 AAC	28.86	23.03	51.89
KST1	1	COMPRESSION SLV AUTO 1/0 AAAC FULL TENS	7.86	7.68	15.54
GD05	1	GUYDOWN, NO LINK, 5/16" GUY WIRE	26.55	17.06	43.61
AN08	1	ANCHOR, SINGLE HELIX, 8"	16.53	9.81	26.34
			15311.64	12527.06	28838.70

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Feeder					
TRM	5280	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	9233.66	9233.66
UP39	16290	PRI CABLE, 15 KV, 3PH, 100C MCM AL	65648.70	10955.03	76603.73
CHP	2	TEST HI POT OR PH PRI CBL FOR SETUP	0.00	75.07	75.07
SL	1	SWITCH, UG LOOPS	0.00	28.58	28.58
			65648.70	20292.33	85941.03
*** OH Feeder					
P40	29	POLE WOOD 40' CL 5	4450.05	1114.43	5564.48
V307	29	VERT 3PH, 0 TO 5 DEG, 795AAC	230.26	804.00	1034.26
V347	1	VERT 3PH DEADEND 795 AAC	50.30	36.25	86.55
N1S1	29	NEUTRAL 1 WIRE SPOOL&BOLT1/0 AAAC	35.96	210.28	246.24
N1E1	1	NEUTRAL 1 WIRE W/EYEBLT 1/0AAAC AUTO DE	9.96	11.52	21.48
KAT7	12	ARR TAP(AL HOTLINE CLAMP)FOR 795 AAC	111.36	25.59	136.95
AP1	12	arr 9 kv w/o bracket (1)	330.96	163.79	494.75
GO	4	GROUND, OVERHEAD	126.64	90.42	217.06
GA374 M	2	GUYASSY 3PH 795 A&C7/16 B7/16-3HN5/16-2H	671.38	222.65	894.03
WR7	16315	WIRE 795 ACC AL ON REEL	19578.00	6958.35	26536.35
WR1	5436	WIRE, #1/0 AAAC AL, ON 700 LB. REEL	1141.56	2318.45	3460.01
SUPW	1	SETUP PILOT WINDER	0.00	42.65	42.65
SUTT	2	SETUP TENSIONER, TUGGER	0.00	341.22	341.22
SUTRC	3	SETUP TENSIONER REEL CHANGE	0.00	511.83	511.83
KST7	3	COMPRESSION SLV 795 AAC FULL TENSION	68.88	23.03	91.91
KST1	1	COMPRESSION SLV AUTO 1/0 AAAC FULL TENS	7.86	7.68	15.54
GD05	1	GUYDOWN, NO LINK, 5/16" GUY WIRE	26.55	17.06	43.61
AN08	1	ANCHOR, SINGLE HELIX, 8"	16.53	9.81	26.34
			26856.25	12909.01	39765.26

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Service Fixed					
S3E2	1	svc 1/cbl tri w/ibolt #2 al	5.38	34.98	40.36
S32	87	SERVICE CABLE, 3 WIRE #2 AL	41.76	37.11	78.87
			47.14	72.08	119.22
*** OH Service Removal Fixed					
S3E2	1	REM: svc 1/cbl tri w/ibolt #2 al	0.00	2.99	2.99
S32	87	REM: SERVICE CABLE, 3 WIRE #2 AL	0.00	37.11	37.11
			0.00	40.09	40.09

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** OH Service Excess					
S3C0	1	svc 1/cbl,w/o pole att dev,4/0 al	14.21	10.66	24.87
C3E0	1	sec cbl triplx w/eyebolt 4/0al	9.96	7.68	17.64
EN	1	EYE NUT 5/8"	1.29	0.43	1.72
C3CS	307	AERIAL CABLE SVC 3W 4/0 AL 600V	426.73	130.94	557.67
P3C	2	POLE WOOD 30' CL 6	154.00	76.86	230.86
			606.19	226.56	832.75
*** OH Service Removal Excess					
S3C0	1	REM: svc 1/cbl,w/o pole att dev,4/0 al	0.00	5.12	5.12
C3E0	1	REM: sec cbl triplx w/eyebolt 4/0al	0.00	7.25	7.25
EN	1	REM: EYE NUT 5/8"	0.00	0.43	0.43
C3CS	307	REM: AERIAL CABLE SVC 3W 4/0 AL 600V	0.00	130.94	130.94
P3C	2	REM: POLE WOOD 30' CL 6	0.00	61.14	61.14
			0.00	204.87	204.87

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Service Fixed					
RS110 M	1	RISER SEC 1 SVC OH-UG1PH 4/0	43.45	70.38	113.83
MBR2	1	METER BASE RISER 2"	10.11	31.14	41.25
US340	120	4/0-4/0-2/0 AL D/B TRIPLEX SERVICE CABLE	152.40	34.80	187.20
TRH	10	TRENCH BY HAND PER FT, INC BACKFILLNG	0.00	38.39	38.39
TRM	70	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	122.42	122.42
			205.96	297.12	503.08

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

ITEM	QTY	DESCRIPTION	MATERIAL	LABOR	TOTAL
*** UG Service Excess					
TRM	290	TRENCH W/TRCHNG MACH P/FTINCL BKFILLNG	0.00	507.15	507.15
TRH	10	TRENCH BY HAND PER FT, INC BACKFILLNG	0.00	38.39	38.39
US33	340	UG D/B SERVICE CABLE 350-350-4/0 AL	680.00	98.60	778.60
MBR4	1	METER BASE RISER 4"	14.30	31.14	45.44
RS113 M	1	RISER SECONDARY 1 SERVICE OH-UG 1PH 350	43.45	70.38	113.83
			737.75	745.65	1483.40

MATERIAL DOES NOT INCLUDE STORES CHARGES. LABOR ADJUSTED BY COMPANY BENEFITS LOADING AND PRODUCTIVITY.
LABOR = (RATE X 1.51) / 1

Progress Energy

Work Request Cost Analysis

WR: 1681511

Service Address: TRM Trenching

Number of Units: 0

Est. Annual Revenue: $0.00

Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Line Extension Cost: $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio:	.00

	Labor	Material		Total
Construction	$1.57	$0.00		$1.57
Additional Items Cost:				$0.00
Sub Total:				$1.57
Fleet Costs:				$0.39
Engineering Supervision:				$0.39
Stores Loading:				$0.00
1. Work Request Estimate:				$2.35
2. CIAC			(	$0.00)
3. Work Request Cost:				$2.35
4.Transformer Cost	$0.00	$0.00		$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00		$0.00
6. Meter Cost	$0.00	$0.00		$0.00
7. Removal Cost	$0.00	$0.00		$0.00
8. Service Credits			(	$0.00)
9. Salvage			(	$0.00)
10. Reimbursement			(	$0.00)
11. Net Work Request Cost	$1.57	$0.00		$2.35

Breakdown of Cost by Primary Account:

Account Number	Percent Install Cost
367	100

Progress Energy

Work Request Cost Analysis

WR: 2343900

Service Address: CC1 1000' ,10 V, 2 SUC

Number of Units: 0 Cable Pull Single Phase Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00 **Line Extension Cost:** $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio:	.00

	Labor	Material	Total
Construction	$1218.15	$0.00	$1218.15
Additional Items Cost:			$0.00
Sub Total:			$1218.15
Fleet Costs:			$303.83
Engineering Supervision:			$304.40
Stores Loading:			$0.00
1. Work Request Estimate:			$1826.38
2. CIAC			($0.00)
3. Work Request Cost:			$1826.38
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10. Reimbursement			($0.00)
11. Net Work Request Cost	$1218.15	$0.00	$1826.38

Breakdown of Cost by Primary Account:

per foot $1.83

Account Number	Percent Install Cost
367	100

Progress Energy

Work Request Cost Analysis

WR: 2343899

Service Address: CC3L 1000', 10 V, 2 SUC

Number of Units: 0 Cable Pulling 3 PH Feeder **Oracle Project/Task/Exp Org:** 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00 **Line Extension Cost:** $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio: .00

	Labor	Material	Total
Construction	$1709.04	$0.00	$1709.04
Additional Items Cost:			$0.00
Sub Total:			$1709.04
Fleet Costs:			$427.98
Engineering Supervision:			$427.41
Stores Loading:			$0.00
1. Work Request Estimate:			$2564.43
2. CIAC			($0.00)
3. Work Request Cost:			$2564.43
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10 Reimbursement			($0.00)
11. Net Work Request Cost	$1709.04	$0.00	$2564.43

Breakdown of Cost by Primary Account:

Per foot $ 2.56

Account Number	Percent Install Cost
367	100

Progress Energy

Work Request Cost Analysis

WR: 2343898

Service Address: CC3S 1000', 10 V, 2 SUC

Number of Units: 0 Cable Pulling 3PH - Small wire Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00 **Line Extension Cost:** $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio:	.00

	Labor	Material	Total
Construction	$1323.03	$0.00	$1323.03
Additional Items Cost:			$0.00
Sub Total:			$1323.03
Fleet Costs:			$329.97
Engineering Supervision:			$330.60
Stores Loading:			$0.00
1. Work Request Estimate:			$1983.60
2. CIAC			($0.00)
3. Work Request Cost:			$1983.60
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10 Reimbursement			($0.00)
11. Net Work Request Cost	$1323.03	$0.00	$1983.60

Breakdown of Cost by Primary Account:

Dec 2007 * 1.95

Account Number	Percent Install Cost
367	100

Progress Energy

Work Request Cost Analysis

WR: 1850942

Service Address: INS 1000' 2" pvc with 6 bends no trench

Number of Units: 0 2" Conduit

Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00

Line Extension Cost: $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio:	.00

	Labor	Material	Total
Construction	$515.66	$604.70	$1120.36
Additional Items Cost:			$0.00
Sub Total:			$1120.36
Fleet Costs:			$128.50
Engineering Supervision:			$249.78
Stores Loading:			$52.61
1. Work Request Estimate.			$1551.25
2. CIAC			($0.00)
3. Work Request Cost:			$1551.25
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10. Reimbursement			($0.00)
11. Net Work Request Cost	$515.66	$604.70	$1551.25

Breakdown of Cost by Primary Account:

per foot * 1.55

Account Number	Percent Install Cost
367	08
366	92

Progress Energy

Work Request Cost Analysis

WR: 1850938

Service Address: INS 1000' 4" pvc 6 bends no trench

Number of Units: 0 4" Conduit

Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00

Line Extension Cost: $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio:	.00

	Labor	Material	Total
Construction	$694.83	$1684.66	$2379.49
Additional Items Cost:			$0.00
Sub Total:			$2379.49
Fleet Costs:			$173.15
Engineering Supervision:			$510.53
Stores Loading:			$146.57
1. Work Request Estimate:			$3209.74
2. CIAC			($0.00)
3. Work Request Cost:			$3209.74
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10. Reimbursement			($0.00)
11. Net Work Request Cost	$694.83	$1684.66	$3209.74

Breakdown of Cost by Primary Account:

Per foot $3.21

Account Number	Percent Install Cost
367	06
366	94

Progress Energy

Work Request Cost Analysis

WR: 1850937

Service Address: INS 1000' 6" pvc 6 bends no trench

Number of Units: 0 6" Conduit

Oracle Project/Task/Exp Org: 99999999 COSTEST 60563D

Est. Annual Revenue: $0.00

Line Extension Cost: $0.00

Engineer: JESSE D GRIFFIN

Net Cost to Revenue Ratio: .00

	Labor	Material	Total
Construction	$707.94	$3071.38	$3779.32
Additional Items Cost:			$0.00
Sub Total:			$3779.32
Fleet Costs:			$176.42
Engineering Supervision:			$791.15
Stores Loading:			$267.21
1. Work Request Estimate:			$5014.10
2. CIAC			($0.00)
3. Work Request Cost:			$5014.10
4.Transformer Cost	$0.00	$0.00	$0.00
5. O. M. Cost (Less transformer costs)	$0.00	$0.00	$0.00
6. Meter Cost	$0.00	$0.00	$0.00
7. Removal Cost	$0.00	$0.00	$0.00
8. Service Credits			($0.00)
9. Salvage			($0.00)
10. Reimbursement			($0.00)
11. Net Work Request Cost	$707.94	$3071.38	$5014.10

Breakdown of Cost by Primary Account:

Per foot $5.01

Account Number	Percent Install Cost
366	88
367	12

EXHIBIT D

SUMMARY OF REASONS FOR CHANGES IN UPDATED URD CHARGES

Progress Energy Florida
Summary of Change in URD Charges
Low Density 210 Lot

Descrption	Unit	2006	2008	Variance
Low Density 210 lot URD				
Differential Per Lot	Dollars	428	785	357
NPV Operational Cost	Dollars		268	268
1/0 primary cable	Feet	15,868	17,989	2,121
2/0 secondary cable	Feet	6,578	3,162	(3,416)
4/0 secondary cable	Feet	5,289	6,500	1,211
350 secondary cable	Feet	1,390	8,094	6,704
Trenching primary & secondary	Feet	17,145	17,920	775
Transformers total	Each	18	22	4
Total KVA	KVA	1,700	1,025	(675)
Conduit used in cost estimation	Feet	7,281	-	(7,281)
% increase without NPV Life Cycle				21%
% increase with NPV Life Cycle				83%

The 2008 Low Density 210 lot price differential increased due to several factors:

* Contractor labor rates increased 3.5% for overhead and increased 7% for underground in 2007.
* PEF labor rates increased 3.2% on 11/26/2006 and 3% on 11/27/2007.
* Overhead materials increased an average of 15% in 2007 while underground materials increased 18% in 2007 (due to an increase in metal commodities).
* 6,500 foot increase in cables (due to transformer sizing).
* In 2007, new loaders were incorporated into our design estimates. This, along with transformers being included as a part of the job cost, increased the differential.

The addition of the NPV added $268 to the differential - a 62% increase.

Factors that help to lower the differential:

* The 25% conduit amount used to calculate previous differentials was removed.
* The total KVA for the subdivision was reduced; accomplished by the use of automated design tools.

Progress Energy Florida
Summary of Change in URD Charges
High Density 176 Lot Ganged Meter Pedestals

Descrption	Unit	2006	2008	Variance
High Density 176 Lot Gang Meter				
Differential Per Lot	Dollars	130	277	147
NPV Operational Cost	Dollars		158	158
1/0 primary cable	Feet	4,777	4,732	(45)
2/0 secondary cable	Feet	3,366	6,729	3,363
4/0 secondary cable	Feet	5,485	1,522	(3,963)
350 secondary cable	Feet	2,909	1,371	(1,538)
Trenching primary & secondary	Feet	11,765	8,857	(2,908)
Transformers total	Each	14	14	-
Total KVA	KVA	1,025	900	(125)
Conduit used in cost estimation	Feet	4,134	-	(4,134)
% increase without NPV Life Cycle				-8%
% increase with NPV Life Cycle				113%

The 2008 High Density 176 lot Gang Meter subdivision price differential increased due to several factors:

* Contractor labor rates increased 3.5% for overhead and increased 7% for underground in 2007.
* PEF labor rates increased 3.2% on 11/26/2006 and 3% on 11/27/2007.
* Overhead materials increased an average of 15% in 2007 while underground materials increased 18% in 2007 (due to an increase in metal commodities).
* In 2007, new loaders were incorporated into our design estimates. This, along with transformers being included as a part of the job cost, increased the differential.

The addition of the NPV added $158 to the differential - a 121% increase.

Factors that helped lower the differential:

* The 25% conduit amount used to calculate previous differentials was removed.
* The total KVA for the subdivision was reduced; accomplished by the use of automated design tools and an increased use of secondary cables.
* There was a 2,500 foot decrease in the amount of cable used in this design; accomplished with a greater use of back lot construction. This was done on both the overhead and underground designs.

Progress Energy Florida
Summary of Change in URD Charges
High Density 176 Lot Individual Services

Descrption	Unit	2006	2008	Variance
High Density 176 Lot Individual Service				
Differential Per Lot	Dollars	256	522	266
NPV Operational Cost	Dollars		158	158
1/0 primary cable	Feet	4,777	4,678	(99)
2/0 secondary cable	Feet	1,159	5,721	4,562
4/0 secondary cable	Feet	3,116	2,185	(931)
350 secondary cable	Feet	7,484	1,324	(6,160)
Trenching primary & secondary	Feet	11,911	8,851	(3,060)
Transformers total	Each	14	14	-
Total KVA	KVA	1,025	925	(100)
Conduit used in cost estimation	Feet	4,134	-	(4,134)
% increase without NPV Life Cycle				42%
% increase with NPV Life Cycle				104%

The 2008 High Density 176 lot Individual Service subdivision price differential increased due to several factors:

* Contractor labor rates increased 3.5% for overhead and increased 7% for underground in 2007.
* PEF labor rates increased 3.2% on 11/26/2006 and 3% on 11/27/2007.
* Overhead materials increased an average of 15% in 2007 while underground materials increased 18% in 2007 (due to an increase in metal commodities).
* In 2007, new loaders were incorporated into our design estimates. This, along with transformers being included as a part of the job cost, increased the differential.

The addition of the NPV added $158 to the differential - a 61% increase.

Factors that helped lower the differential:

* The 25% conduit amount used to calculate previous differentials was removed.
* The total KVA for the subdivision was reduced; accomplished by the use of automated design tools and an increased use of secondary cables.
* There was a 2,600 foot decrease in the amount of cable used in this design; accomplished with a greater use of back lot construction. This was done on both the overhead and underground designs.