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July 29, 2016

-VIA ELECTRONIC DELIVERY-

Carlotta Stauffer, Director
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

**Re: Docket 160071 - Florida Power & Light Company's Petition for Approval of
2016 Revisions to Underground Residential and Commercial Differential
Tariffs**

Amendment to Petition and Revised Appendices

Dear Ms. Stauffer:

Attached please find Florida Power & Light Company's Revised Appendices URD 1, URD 2, UCD 1, and UCD 2 to FPL's Petition for Approval of 2016 Revisions to Underground Residential and Commercial Differential Tariffs, filed on April 1, 2016 (the "Petition"), which should replace the original Appendices URD 1, URD 2, UCD 1, and UCD 2 submitted with the Petition. These appendices have been revised to remove language related to revenue shortfall for instances where projected revenue would not offset the cost of overhead facilities. FPL no longer requests consideration of that original language, and instead requests that the Revised Appendices be considered for final approval as part of the Petition.

Additionally, FPL hereby formally withdraws paragraph 6 of the Petition, which relates to FPL's request to add the language that has now been removed in the Revised Appendices. FPL continues to request Commission approval of the Petition in all other aspects, including the Revised Appendices.

If there are any questions regarding this transmittal, please contact me at (561) 304-5633.

Sincerely,

s/ Scott Goorland
Scott Goorland

Attachment

Revised Appendix 1
URD

Legislative Tariff
URD

**INSTALLATION OF UNDERGROUND ELECTRIC DISTRIBUTION FACILITIES
TO SERVE RESIDENTIAL CUSTOMERS****SECTION 10.1 DEFINITIONS**

The following words and terms, when used in Section 10, shall have the meaning indicated:

APPLICANT - Any person, partnership, association, corporation, or governmental agency controlling or responsible for the development of a new subdivision or dwelling unit who applies for the underground installation of distribution facilities.

BACKBONE - The distribution system excluding feeder and that portion of the service lateral which is on the lot being served by that service lateral.

BUILDING - Any structure designed for residential occupancy, excluding a townhouse unit, which contains less than five individual dwelling units.

CABLE IN CONDUIT SYSTEM - Underground residential distribution systems where all underground primary, secondary, service and street light conductors are installed in direct buried conduit. Other facilities associated with cable in conduit, such as transformers, may be above ground.

COMMISSION - The Florida Public Service Commission.

COMPANY - The Florida Power & Light Company.

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

DWELLING UNIT – A single unit providing complete, independent living facilities for one or more persons including permanent provisions for living, sleeping, eating, cooking, and sanitation.

FEEDER MAIN - A three-phase primary installation, including switches, which serves as a source for primary laterals and loops through suitable overcurrent devices.

FINAL GRADE - The ultimate elevation of the ground, paved or unpaved, which will prevail in a subdivision or tract of land.

MOBILE HOME (TRAILER) - A vehicle or conveyance, permanently equipped to travel upon the public highways, that is used either temporarily or permanently as a residence or living quarters.

MULTIPLE-OCCUPANCY BUILDING - A structure erected and framed of component structural parts and designed to contain five or more individual dwelling units.

OVERHEAD SYSTEM - Distribution system consisting of primary, secondary and service conductors and aerial transformers supported by poles.

POINT OF DELIVERY - The point where the Company's wires or apparatus are connected to those of the Customer. See Section 10.2.11.

PRIMARY LATERAL - That part of the electric distribution system whose function is to conduct electricity at the primary level from the feeder main to the transformers. It usually consists of a single-phase conductor or insulated cable, with conduit, together with necessary accessory equipment for supporting, terminating and disconnecting from the primary mains by a fusible element.

SERVICE LATERAL - The entire length of underground service conductors and conduit between the distribution source, including any risers at a pole or other structure or from transformers, from which only one point of service will result, and the first point of connection to the Service Entrance Conductors in a terminal or meter box outside the building wall.

SERVICE ENTRANCE CONDUCTORS – The Customer's conductors from point of connection at the service drop or service lateral to the service equipment.

(Continued on Sheet No. 6.085)

(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 ~~\$54,2060.00~~ 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 ~~\$6.38-7.20~~. Where an existing trench is utilized, the additional cost per trench foot is ~~\$2.63-2.78~~. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is ~~\$1.98-2.02~~. 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.	
1. Subdivisions with 300 or more total service laterals	\$ 0.00
2. Subdivisions from 100 to 299 total service laterals	\$ 105.74 0.00
3. Subdivisions less than 100 total service laterals	\$ 188.74 57.97
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	
1. Subdivisions with 300 or more total service laterals dwelling units	\$ 0.00
2. Subdivisions from 100 to 299 total service laterals dwelling units	\$ 0.00
3. Subdivisions less than 100 total service laterals dwelling units	\$ 0.00
2. Where density is 0.5 or greater, but less than 6.0 dwelling units per acre:	
Buildings that do not exceed four units, townhouses, and mobile homes – per service lateral	
1. Subdivisions with 200 or more total service laterals	\$ 165.99 0.00
2. Subdivisions from 85 to 199 total service laterals	\$ 415.99 183.35
3. Subdivisions less than 85 total service laterals	\$ 498.99 266.35
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)	\$ 11.85 9.02
Cost per switch package	\$ 25,838.56 27,200.43

(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 \$1,280.71
- 2) Two Phase - per foot \$3,822.72
- 3) Three Phase - per foot \$6,114.38

- 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: \$344.99348.83
- Density 6.0 or greater dwelling units per acre: \$257.46258.34

10.3.3. Contribution Adjustments

- a) Credits will be allowed to the Applicant's contribution in Section 10.3.2, 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.	<u>\$134.74149.16</u>	<u>\$141.45156.59</u>
1.2	Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	<u>\$111.43123.35</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	<u>\$223.18247.06</u>	<u>\$198.03219.22</u>

- b) Credits will be allowed to the Applicant's contribution in Section 10.3.2, 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.	<u>\$56.0762.07</u>	<u>\$43.3648.00</u>

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

	Credit to Applicant's Contribution	
	Backbone	Service
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$45.72 <u>50.61</u>	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	\$89.86 <u>99.47</u>	\$53.11 <u>58.80</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 – \$3.14 <u>3.48</u> .		
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 - \$0.54 <u>0.60</u> ; larger than 2" PVC - \$0.76 <u>0.84</u> .		
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 - \$602.65 <u>664.74</u> .		
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 - \$210.28 <u>232.78</u> .		
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 - \$19.51 <u>21.60</u> ; 24" or 30" handhole - \$55.28 <u>61.19</u> .		
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 - \$54.20 <u>60.00</u> .		
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): \$0.11 <u>0.12</u> .		
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 - \$10.52 <u>565.15</u> .		

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

10.4.1. New Underground Service Laterals

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

10.4.2. Contribution by Applicant

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

Applicant's
Contribution

1. For any density:

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

a) per service lateral (includes service riser installation)	\$652.46 <u>683.84</u>
b) per service lateral (from existing handhole or PM TX)	\$344.99 <u>348.83</u>

2. For any density, the Company will provide a riser to a handhole at the base of a pole	\$675.53 <u>705.46</u>
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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:

Credit To
 Applicant's
Contribution

1. For any density:

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

~~\$3.14~~3.48

(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	\$0.540.60
	Larger than 2" PVC	\$0.760.84

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: ~~\$54.2060.00~~

**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

- | | |
|--|--|
| <p>a) The charge per service lateral replacing an existing Company-owned overhead service for any density shall be:</p> | <p><u>Applicant's
Contribution</u></p> |
| 1. Where the Company provides an underground service lateral: | \$ <u>584.45651.49</u> |
| 2. Where the Company provides a riser to a handhole at the base of the pole: | \$ <u>839.70930.13</u> |
| <p>b) The charge per service lateral replacing an existing Company-owned underground service at Applicant's request for any density shall be:</p> | |
| 1. Where the service is from an overhead system: | \$ <u>572.77643.46</u> |
| 2. Where the service is from an underground system: | \$ <u>486.39555.22</u> |
| <p>c) The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:</p> | <p>\$<u>420.29426.82</u></p> |
| <p>d) The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:</p> | <p>\$<u>112.8191.81</u></p> |

The above charges include conversion of the service lateral from the last FPL pole to the meter location. Removal of any other facilities such as poles, downguys, spans of secondary, etc. will be charged based on specific cost estimates for the requested additional work.

Final Tariff
URD

**INSTALLATION OF UNDERGROUND ELECTRIC DISTRIBUTION FACILITIES
TO SERVE RESIDENTIAL CUSTOMERS****SECTION 10.1 DEFINITIONS**

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BACKBONE - The distribution system excluding feeder and that portion of the service lateral which is on the lot being served by that service lateral.

BUILDING - Any structure designed for residential occupancy, excluding a townhouse unit, which contains less than five individual dwelling units.

CABLE IN CONDUIT SYSTEM - Underground residential distribution systems where all underground primary, secondary, service and street light conductors are installed in direct buried conduit. Other facilities associated with cable in conduit, such as transformers, may be above ground.

COMMISSION - The Florida Public Service Commission.

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

DWELLING UNIT - A single unit providing complete, independent living facilities for one or more persons including permanent provisions for living, sleeping, eating, cooking, and sanitation.

FEEDER MAIN - A three-phase primary installation, including switches, which serves as a source for primary laterals and loops through suitable overcurrent devices.

FINAL GRADE - The ultimate elevation of the ground, paved or unpaved, which will prevail in a subdivision or tract of land.

MOBILE HOME (TRAILER) - A vehicle or conveyance, permanently equipped to travel upon the public highways, that is used either temporarily or permanently as a residence or living quarters.

MULTIPLE-OCCUPANCY BUILDING - A structure erected and framed of component structural parts and designed to contain five or more individual dwelling units.

OVERHEAD SYSTEM - Distribution system consisting of primary, secondary and service conductors and aerial transformers supported by poles.

POINT OF DELIVERY - The point where the Company's wires or apparatus are connected to those of the Customer. See Section 10.2.11.

PRIMARY LATERAL - That part of the electric distribution system whose function is to conduct electricity at the primary level from the feeder main to the transformers. It usually consists of a single-phase conductor or insulated cable, with conduit, together with necessary accessory equipment for supporting, terminating and disconnecting from the primary mains by a fusible element.

SERVICE LATERAL - The entire length of underground service conductors and conduit between the distribution source, including any risers at a pole or other structure or from transformers, from which only one point of service will result, and the first point of connection to the Service Entrance Conductors in a terminal or meter box outside the building wall.

SERVICE ENTRANCE CONDUCTORS - The Customer's conductors from point of connection at the service drop or service lateral to the service equipment.

(Continued on Sheet No. 6.085)

(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 \$60.00 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 \$7.20. Where an existing trench is utilized, the additional cost per trench foot is \$2.78. Where the Applicant provides the trenching, installs Company provided conduit according to Company specifications and backfilling, the cost per additional trench foot is \$2.02. 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:

Applicant's
 Contribution

1. Where density is 6.0 or more dwelling units per acre:

1.1 Buildings that do not exceed four units,
 townhouses, and mobile homes – per service lateral.

1. Subdivisions with 300 or more total service laterals	\$ 0.00
2. Subdivisions from 100 to 299 total service laterals	\$ 0.00
3. Subdivisions less than 100 total service laterals	\$ 57.97

1.2 Mobile homes having Customer-owned services from meter
 center installed adjacent to the FPL primary trench route
 - per dwelling unit.

1. Subdivisions with 300 or more total dwelling units	\$ 0.00
2. Subdivisions from 100 to 299 total dwelling units	\$ 0.00
3. Subdivisions less than 100 total dwelling units	\$ 0.00

2. Where density is 0.5 or greater, but less than 6.0 dwelling units
 per acre:

Buildings that do not exceed four units,
 townhouses, and mobile homes – per service lateral

1. Subdivisions with 200 or more total service laterals	\$ 0.00
2. Subdivisions from 85 to 199 total service laterals	\$ 183.35
3. Subdivisions less than 85 total service laterals	\$ 266.35

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)	\$9.02
Cost per switch package	\$27,200.43

(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	\$0.71
2) Two Phase - per foot	\$2.72
3) Three Phase - per foot	\$4.38

- 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:	\$348.83
Density 6.0 or greater dwelling units per acre:	\$258.34

10.3.3. Contribution Adjustments

- a) Credits will be allowed to the Applicant's contribution in Section 10.3.2. 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.	\$149.16	\$156.59
1.2	Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$123.35	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	\$247.06	\$219.22

- b) Credits will be allowed to the Applicant's contribution in Section 10.3.2. 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.	\$62.07	\$48.00

(Continued on Sheet No. 6.115)

(Continued from Sheet No. 6.110)

	Credit to Applicant's Contribution	
	Backbone	Service
1.2 Mobile homes having Customer-owned services from meter center installed adjacent to the FPL primary trench route - per dwelling unit.	\$50.61	N/A
2. Where density is .5 or greater, but less than 6.0 dwelling units per acre, per service lateral.	\$99.47	\$58.80
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 – \$3.48.		
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 - \$0.60; larger than 2" PVC - \$0.84.		
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 - \$664.74.		
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 - \$232.78.		
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 - \$21.60; 24" or 30" handhole - \$61.19.		
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 - \$60.00.		
i) Credit will be allowed to the Applicant's contribution in Section 10.3.2., where, by mutual agreement, the Applicant installs a portion of Company-provided flexible HDPE conduit, per FPL instructions (per foot of conduit): \$0.12.		
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 - \$565.15.		

**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)	\$683.84
b) per service lateral (from existing handhole or PM TX)	\$348.83
2. For any density, the Company will provide a riser to a handhole at the base of a pole	\$705.46

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	\$3.48

(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	\$0.60
	Larger than 2" PVC	\$0.84

- 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:		\$60.00

**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:	\$651.49
2.	Where the Company provides a riser to a handhole at the base of the pole:	\$930.13
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:	\$643.46
2.	Where the service is from an underground system:	\$555.22
c)	The charge per service lateral replacing an existing Customer-owned underground service from an overhead system for any density shall be:	\$426.82
d)	The charge per service lateral replacing an existing Customer-owned underground service from an underground system for any density shall be:	\$91.81

The above charges include conversion of the service lateral from the last FPL pole to the meter location. Removal of any other facilities such as poles, downguys, spans of secondary, etc. will be charged based on specific cost estimates for the requested additional work.

Revised Appendix 2
URD

APPENDIX NO. 2
FPL 2016
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. The basis for FPL's proposed tariff charges for underground installations can be found in Appendix No. 3.

- 1) Added definition for "Dwelling Unit" to sheet 6.080.

- 2) Clarified the charges in 10.3.2.a)1.1.2 on sheet 6.100 to be per "dwelling unit" instead of "per service lateral".

Revised Appendix 1
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Legislative Tariff
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(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	\$ 892.080.00	\$ 000.000.00
2) Two phase radial	\$ 1,042.110.00	\$ 000.000.00
3) Three phase radial (150 KVA)	\$ 000.000.00	\$ 000.000.00
4) Three phase radial (300 KVA)	\$ 000.000.00	\$ 000.000.00
5) Single phase loop	\$ 982.560.00	\$ 000.000.00
6) Two phase loop	\$ 2,312.620.00	\$ 738.060.00
7) Three phase loop (150 KVA)	\$ 879.370.00	\$ 000.000.00
8) Three phase loop (300 KVA)	\$ 000.000.00	\$ 000.000.00

- 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	\$ 527.88552.55
2) Large single phase	\$ 942.731.025.92
3) Small three phase	\$ 676.93801.92
4) Large three phase	\$ 1,421.981.530.59

- 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	\$ 759.19474.23	\$ 810.90434.80
2) Installed on a wood pole - inaccessible locations	\$ 871.64545.29	\$ 923.93493.51
3) Installed on a concrete pole - accessible locations	\$ 769.31526.63	\$ 831.74487.19

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

1) Handhole	
a. Small - per handhole	\$ 210.12203.40
b. Intermediate - per handhole	\$ 247.85241.53
c. Large - per handhole	\$ 859.22817.30
2) Pad Mounted secondary Junction Box – per box	\$ 2,891.822.567.29

- 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 This charge is only applicable if the majority of the customer's service conductor diameter is less than 500 MCM.

Per cabinet (includes connecting up to 12 sets of conductor)	\$ 11,082.9110,992.18
Tapping service conductors (if more than 12 sets) – per set	\$ 72.0479.20

(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 \$ ~~1,387.93~~ 1,349.64
 - 2) Two Phase - per box \$ ~~1,895.85~~ 1,859.16
 - 3) Three Phase - per box \$ ~~1,937.99~~ 2,070.15

- 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 \$ ~~1,280.71~~
 - 2) Two Phase - per foot \$ ~~3,822.72~~
 - 3) Three Phase - per foot \$ ~~3,062.48~~

- 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 \$ ~~8,468.74~~
 - 2) Two Phase - per foot \$ ~~12,8713.03~~
 - 3) Three Phase - per foot \$ ~~14,1915.26~~

- 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 Contribution
Cost per foot of feeder trench within the commercial/industrial development (excluding switches)	\$ 11,859.02
Cost per switch package	\$ 25,838.56 <u>27,200.43</u>

- i) The Company will provide one standby/assistance appointment at no additional charge to the Applicant adding new or additional load 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 \$ ~~3,143.48~~
- 2) Credit per foot of secondary trench \$ ~~2,492.76~~

- 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 \$ ~~0,540.60~~
- 2) Credit per foot of larger than 2" conduit \$ ~~0,760.84~~

- 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 \$ ~~210,28232.78~~
- 2) Credit per small handhole \$ ~~55,2861.19~~

- 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 \$ ~~54,2060.00~~

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

Credit per pad \$ ~~510,52565.15~~

- 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 \$ ~~602,65664.74~~

Final Tariff
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(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	\$ 0.00	\$ 0.00
2) Two phase radial	\$ 0.00	\$ 0.00
3) Three phase radial (150 KVA)	\$ 0.00	\$ 0.00
4) Three phase radial (300 KVA)	\$ 0.00	\$ 0.00
5) Single phase loop	\$ 0.00	\$ 0.00
6) Two phase loop	\$ 0.00	\$ 0.00
7) Three phase loop (150 KVA)	\$ 0.00	\$ 0.00
8) Three phase loop (300 KVA)	\$ 0.00	\$ 0.00

- 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	\$ 552.55
2) Large single phase	\$ 1,025.92
3) Small three phase	\$ 801.92
4) Large three phase	\$ 1,530.59

- 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	\$ 474.23	\$ 434.80
2) Installed on a wood pole - inaccessible locations	\$ 545.29	\$ 493.51
3) Installed on a concrete pole - accessible locations	\$ 526.63	\$ 487.19

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

1) Handhole	
a. Small - per handhole	\$203.40
b. Intermediate - per handhole	\$241.53
c. Large - per handhole	\$817.30

2) Pad Mounted secondary Junction Box – per box	\$2,567.29
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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. This charge is only applicable if the majority of the customer's service conductor diameter is less than 500 MCM.

Per cabinet (includes connecting up to 12 sets of conductor)	\$10,992.18
Tapping service conductors (if more than 12 sets) – per set	\$ 79.20

(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 \$1,349.64
 - 2) Two Phase - per box \$1,859.16
 - 3) Three Phase - per box \$2,070.15

- 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 \$ 0.71
 - 2) Two Phase - per foot \$ 2.72
 - 3) Three Phase - per foot \$ 2.48

- 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 \$ 8.74
 - 2) Two Phase - per foot \$ 13.03
 - 3) Three Phase - per foot \$ 15.26

- 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 Contribution
Cost per foot of feeder trench within the commercial/industrial development (excluding switches)	\$ 9.02
Cost per switch package	\$27,200.43

- i) The Company will provide one standby/assistance appointment at no additional charge to the Applicant adding new or additional load 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 \$ 3.48
- 2) Credit per foot of secondary trench \$ 2.76

- 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 \$ 0.60
- 2) Credit per foot of larger than 2" conduit \$ 0.84

- 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 \$ 232.78
- 2) Credit per small handhole \$ 61.19

- 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 \$ 60.00

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

Credit per pad \$ 565.15

- 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 \$ 664.74

Revised Appendix 2
UCD

Appendix No.2
FPL
2016 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. The basis for FPL's proposed tariff changes for underground commercial installations can be found in Appendix No. 3.

The following modifications have been made to these sections:

- 1) Clarified the language on sheet 6.520 related to application of the charge for the pad mounted secondary junction cabinet.