March 11, 2015

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
Filing Center
P.O. Box 1088
3930 Fairview Industrial Drive SE
Salem, Oregon 97308-1088

Re: Tariff Advice No. 15-04
Update to Charges and Allowances under Rule H, New Service Attachments and Distribution Line Installations or Alterations

Attention Filing Center:

cost updates to the charges and allowances outlined in Rule H, New Service Attachments and Distribution Line Installations or Alterations. This advice filing is similar to the annual filing Idaho Power submitted January 27, 2014, Tariff Advice No. 14-01, and seeks to keep all charges and allowances current with variations in actual costs. In addition to the annual update, the Company is seeking approval of a minor language modification that is needed in order to keep pace with the construction standards that its customers adhere to.

The following tariff sheets identify the proposed cost updates and language modifications:

Sixth Revised Sheet No. H-5  Cancelling  Fifth Revised Sheet No. H-5
Sixth Revised Sheet No. H-6  Cancelling  Fifth Revised Sheet No. H-6
Sixth Revised Sheet No. H-7  Cancelling  Fifth Revised Sheet No. H-7
Sixth Revised Sheet No. H-8  Cancelling  Fifth Revised Sheet No. H-8
Sixth Revised Sheet No. H-9  Cancelling  Fifth Revised Sheet No. H-9
Tariff Advice No. 15-01

The Company had previously filed updates to Rule H in Advice No. 15-01, which was filed with the Public Utility Commission of Oregon on January 8, 2015. After the filing, the Company identified errors in several of the proposed charges/allowances contained within the filing. The Company withdrew that filing in its entirety on February 24, 2015.

Tariff Advice No. 15-04

Changes to Charges and Allowances:

The changes to the charges and allowances were driven by a variety of factors, including an increase in the general overhead rate from 10.75 percent to 17.75 percent, overall increases in material costs, and changes to some inputs used to calculate the charges and allowances.

A general breakdown of each of the year-over-year changes in the charges and allowances are summarized below:

Underground Service Attachment, Base Charges (Section 4.b.i)

The underground base charge increased slightly, driven solely by the increase in the general overhead rate. The base charge increased by 16 percent and 18 percent, respectively. While the increase in the overhead rate contributed to the change, the primary driver of the increase was the inclusion of a previously omitted compatible unit\(^1\) required for connection to the overhead transformer.

Underground Service Attachment, Distance Charge (Section 4.b.i)

The Company-installed Underground Service Attachment Charges for 1/0, 4/0, and 350 increased between 9 percent and 10 percent. The increase in the general overhead rate, increases in the material costs for conduit and conductor, and a slight increase in the labor input used for the trenching component of the charge were partially offset by the removal of a compatible unit that had previously been included.

The Customer-installed Underground Service Attachment Charges for 1/0, 4/0 and 350 increased between zero percent and 4 percent. Increases in the general overhead rate and the material costs for conduit were slightly offset by the removal of a compatible unit that had previously been included.

\(^1\) A "compatible unit" is a design element comprised of material, equipment, and labor representing a standardized unit of work.
Other Charges (Section 6)

The Engineering Charge increased by 6 percent, driven by the combined impact of changes in the labor rate, benefits loading rate, and general construction overhead rate used to calculate the charge.

The Overhead Service Attachment Charge for Non-Residence increased by 10 percent, primarily due to the increase in the general overhead rate and the increased cost of #2 Aluminum Triplex.

The underground Temporary Service Attachment Charge increased by 4 percent, while the overhead Temporary Service Attachment Charge increased by 10 percent, primarily due to the increase in the general overhead rate and the increased cost of #2 Aluminum Triplex.

The Temporary Service and Overhead Permanent Return Trip Charge increased by 6 percent and the Underground Permanent Return Trip Charge increased by 8 percent, both primarily due to the increase in the general overhead rate.

Allowances (Section 7)

The single-phase allowance decreased by two percent, driven by the reduced cost of a 25 kVA transformer which was slightly offset by the increase in the general overhead rate. The three-phase allowance increased by 15 percent, a result of the increase in the general overhead rate, coupled with an increase in the cost of 15 kVA transformers.

Request to Modify Language (Sections 4.b.i. and 4.b.ii.)

As noted above, the Company is also seeking a minor language modification. This sections 4.b.i. and 4.b.ii. of Rule H for certain applications. Section 4.b. addresses how customers are charged for requests to install Underground Service Attachments. The current requirement of Section 4.b.i. states that customers who have a 400 amp panel or smaller can qualify to have a service installed and be billed an established per foot charge because these installations do not require additional engineering time. Per Section 4.b.ii.,

The Company sought a change to its Idaho Public Utilities Commission-approved Rule H during September 2014 in Tariff Advice No. 14-01 attention that certain installations within its Idaho service area which met all of the other requirements for the pre-established charge were precluded from the provision because of ifically, developers of fourplex buildings are installing single-phase 500 amp self-contained multiple meter bases. The Company
install this service the same as it would for all other single-phase installations 400 amps or smaller, but the way Rule H was administered in Idaho and is still administered in Oregon mandates that these customers would be processed through Section 4.b.ii., ultimately requiring more time to process the application.

While the Company has not yet received any requests for this configuration in its Oregon service area, it believes requesting a change to the tariff now will ensure it can process the applications appropriately at the time such a request is received. This change would also ensure consistency in the treatment of customers who may operate in both the

The requested language modifications mirror what was approved by the Idaho Public Utilities Commission in Tariff Advice No. 14-01 and seeks to update the amperage size so that all similarly-situated installations will be treated the same. In addition to updating the amperage threshold, the Company has added the language “to a self-contained multiple meter base,” to ensure that those installations that do require additional design and engineering time will still be processed through Section 4.b.ii.

**Requested Implementation**

Idaho Power respectfully requests that the proposed updates are approved by April 14, 2015, and become effective April 27, 2015, to provide a 14-day implementation period to update computer systems, prepare new communication materials, and train personnel.

If you have any questions regarding this tariff advice, please call Connie Aschenbrenner at (208) 388-5994.

Sincerely,

Lisa D. Nordstrom

LDN:kkt

Enclosures
# Oregon

## Rule H: New Service Attachments and Distribution Line Installations or Alterations

### 2015 Update Summary

<table>
<thead>
<tr>
<th></th>
<th>Existing 2014</th>
<th>Proposed 2015</th>
<th>Difference $</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Underground Service Attachment Charges (Rule H Section 4.b.i)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Base Charge</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Underground</td>
<td>$18.00</td>
<td>$19.00</td>
<td>$1.00</td>
<td>6%</td>
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<tr>
<td>2” riser</td>
<td>$413.00</td>
<td>$479.00</td>
<td>$66.00</td>
<td>16%</td>
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<tr>
<td>3” riser</td>
<td>$585.00</td>
<td>$690.00</td>
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<tr>
<td><strong>Distance Charge (per foot)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Installed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/0</td>
<td>$8.23</td>
<td>$8.98</td>
<td>$0.75</td>
<td>9%</td>
</tr>
<tr>
<td>4/0</td>
<td>$8.63</td>
<td>$9.50</td>
<td>$0.87</td>
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<tr>
<td>350</td>
<td>$10.79</td>
<td>$11.87</td>
<td>$1.08</td>
<td>10%</td>
</tr>
<tr>
<td>Customer Provided Trench &amp; Conduit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/0</td>
<td>$2.64</td>
<td>$2.63</td>
<td>$(0.01)</td>
<td>0%</td>
</tr>
<tr>
<td>4/0</td>
<td>$3.05</td>
<td>$3.15</td>
<td>$0.10</td>
<td>3%</td>
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<tr>
<td>350</td>
<td>$4.45</td>
<td>$4.64</td>
<td>$0.19</td>
<td>4%</td>
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<tr>
<td><strong>Other Charges (Rule H Section 6)</strong></td>
<td></td>
<td></td>
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<tr>
<td>Engineering Charge</td>
<td>$63.00</td>
<td>$67.00</td>
<td>$4.00</td>
<td>6%</td>
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<tr>
<td><strong>Overhead Service Attachment Charge for Non-Residence</strong></td>
<td>$205.00</td>
<td>$226.00</td>
<td>$21.00</td>
<td>10%</td>
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<tr>
<td><strong>Temporary Service Attachment Charge</strong></td>
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<td></td>
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<tr>
<td>Underground</td>
<td>$48.00</td>
<td>$50.00</td>
<td>$2.00</td>
<td>4%</td>
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<tr>
<td>Overhead</td>
<td>$205.00</td>
<td>$226.00</td>
<td>$21.00</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Temporary Service (Overhead or Underground) and</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overhead Permanent Return Trip Charge</td>
<td>$47.00</td>
<td>$50.00</td>
<td>$3.00</td>
<td>6%</td>
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<tr>
<td>Underground Service Return Trip Charge</td>
<td>$77.00</td>
<td>$83.00</td>
<td>$6.00</td>
<td>8%</td>
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<td><strong>Line Installation and Service Attachment Allowances (Rule H Section 7.a)</strong></td>
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<tr>
<td>Residential</td>
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<tr>
<td>Schedule 1</td>
<td>$2,130.00</td>
<td>$2,080.00</td>
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<td>Non-residential</td>
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<td></td>
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<td></td>
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<td>Schedules 7, 9, 24</td>
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<td>Single Phase</td>
<td>$2,130.00</td>
<td>$2,080.00</td>
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<td>-2%</td>
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<td>Three Phase</td>
<td>$3,922.00</td>
<td>$4,491.00</td>
<td>$569.00</td>
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<tr>
<td><strong>General Overheads</strong></td>
<td>10.75%</td>
<td>17.75%</td>
<td>7%</td>
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</tbody>
</table>
All costs were calculated using the Company’s Asset Suite inventory and cost program. Design number 108585 was used to provide a single design number for consistency and accuracy. A summary of all costs is shown below.
Rule H: Section 4.b.i.
Service Attachment Charges

Underground Service Attachment Charge – Base Charge
From Underground:

Company Vehicles - $4.12
Labor cost - $13.19
Material cost - Cable tag & tie $1.58
Total $18.89

Proposed Update - $19.00
Underground Service Attachment Charge – Base Charge
From Overhead 2" Riser:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Company Vehicles</td>
<td>$50.28</td>
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<tr>
<td>Labor cost</td>
<td>$156.94</td>
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<tr>
<td>Material cost</td>
<td>$271.86</td>
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<tr>
<td>2&quot; PVC conduit, 2&quot; metal conduit</td>
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<tr>
<td>30 feet of 1/0 triplex cable for service</td>
<td></td>
</tr>
<tr>
<td>Nuts, bolts, brackets and washers</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$479.08</td>
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</table>

Proposed Update -  $479.00

![VENTYX DESIGN VERSION DETAILS](image)
Underground Service Attachment Charge – Base Charge
From Overhead 3” Riser

Company Vehicles - $ 60.84
Labor cost - 190.56
Material cost - 3” PVC conduit, 3” metal conduit
30 feet of 4/0 triplex cable for service
Nuts, bolts, brackets and washers 438.56
Total $ 689.96

Proposed Update - $ 690.00
Underground Service Attachment Charge – Distance Charge  
Company Installed, 100 feet of 1/0 underground cable:  
(5 Man crew & 0.5 hours of travel time)

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Company Vehicles</td>
<td>$269.44</td>
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<td>Labor cost</td>
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<td>Material cost</td>
<td>$188.68</td>
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<tr>
<td>Total</td>
<td>$1,091.15</td>
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</table>

Sub Total $1,091.15

Minus the cost of a 100 foot #2 triplex overhead service $ (193.34)

Total $897.81

Proposed Update - $8.98 /ft
Underground Service Attachment Charge – Distance Charge
Company Installed, 100 feet of 4/0 underground cable:
(5 Man crew & 0.5 hours of travel time)

Company Vehicles - $269.44
Labor cost - 633.03
Material cost -
  - Service trench & backfill 30” depth (100 feet)
  - Service cable 4/0 (100 feet)
  - 2” conduit (100 feet)
  - 2” conduit 90 degree bend
  - 2” conduit bell end

Sub Total $1,143.82

Minus the cost of a 100 foot #2 triplex overhead service $(193.34)

Total $950.48

Proposed Update - $9.50 /ft
Underground Service Attachment Charge – Distance Charge
Company Installed, 100 feet of 350 underground cable:
(5 Man crew & 0.5 hours of travel time)

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Vehicles -</td>
<td>$279.74</td>
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<tr>
<td>Labor cost -</td>
<td>$666.00</td>
</tr>
<tr>
<td>Material cost - Service trench &amp; backfill 30” depth (100 feet)</td>
<td>$434.40</td>
</tr>
<tr>
<td>Service cable 350 (100 feet)</td>
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</tr>
<tr>
<td>3” conduit (100 feet)</td>
<td></td>
</tr>
<tr>
<td>3” conduit 90 degree bend</td>
<td></td>
</tr>
<tr>
<td>3” conduit bell end</td>
<td></td>
</tr>
<tr>
<td><strong>Sub Total</strong></td>
<td><strong>$1,380.14</strong></td>
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</table>

Minus the cost of a 100 foot #2 triplex overhead service

<table>
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<tr>
<th>Item Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,186.80</strong></td>
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**Proposed Update -**

<table>
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<tr>
<th>Item Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$11.87/ft</td>
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</tbody>
</table>

[Image of VENTYX TIMW101 - DESIGN VERSION DETAILS]

[Design version details with various specifications and attributes]
Underground Service Attachment Charge – Distance Charge
Customer provided trench & conduit, 100 feet of 1/0 underground cable:
(2 persons & 0.5 hours of travel time)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Company Vehicles</td>
<td>$72.12</td>
</tr>
<tr>
<td>Labor cost</td>
<td>$280.25</td>
</tr>
<tr>
<td>Material cost - Service cable 1/0 (100 feet)</td>
<td>$103.52</td>
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<tr>
<td><strong>Sub Total</strong></td>
<td><strong>$455.89</strong></td>
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</table>

Minus the cost of a 100 foot #2 triplex overhead service

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td><strong>$262.55</strong></td>
</tr>
</tbody>
</table>

**Proposed Update** - $2.63 /ft
Underground Service Attachment Charge – Distance Charge
Customer provided trench & conduit, 100 feet of 4/0 underground cable:
(2 persons & 0.5 hours of travel time)

Company Vehicles - $ 72.12
Labor cost - 280.25
Material cost - Service cable 4/0 (100 feet) 156.19
Sub Total $ 508.56

Minus the cost of a 100 foot #2 triplex overhead service $ (193.34)

Total $ 315.22

Proposed Update - $ 3.15 /ft
Underground Service Attachment Charge – Distance Charge
Customer provided trench & conduit, 100 feet of 350 underground cable:
(2 persons & 0.5 hours of travel time)

Company Vehicles - $82.42
Labor cost - $313.22
Material cost - Service cable 350 (100 feet) $261.92
Sub Total $657.56

Minus the cost of a 100 foot #2 triplex overhead service $193.34

Total $464.22

Proposed Update - $4.64 /ft

[Image of Ventyx TIMW101 - Design Version Details]
### Overhead Service Differential
#### Aluminum #2 Triplex (100 feet)

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Vehicles</td>
<td>$20.60</td>
</tr>
<tr>
<td>Labor cost</td>
<td>$65.94</td>
</tr>
<tr>
<td>Material cost</td>
<td>$106.80</td>
</tr>
<tr>
<td>100 ft #2 triplex, wedge clamps, nuts, bolts</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$193.34</strong></td>
</tr>
</tbody>
</table>
b. **Engineering Charges**

- Senior Distribution Designer (2014 wage schedule) $41.81/hour
- Benefits (43.49%, 2014 actual) $18.18/hour
- General Overhead (17.75%, effective February 2015) $7.42/hour

**Total** $67.41/hour

**Proposed Update** - $67.00/hour

d. **Overhead Service Attachment Charge for Non-Residence**

- Company Vehicles - $20.60
- Labor cost - 98.91
- Material cost - 106.80

100 ft #2 triplex, wedge clamps, nuts, bolts

**Total** $226.31

**Proposed Update** - $226.00
g. Temporary Service Attachment Charge

i. Underground

    Company Vehicles - $ 4.12
    Labor cost - $ 46.16

Total $ 50.28

Proposed Update - $ 50.00
g. Temporary Service Attachment Charge

ii. Overhead

- Company Vehicles - $20.60
- Labor cost - $98.91
- Material cost - $106.80

Total $226.31

Proposed Update - $226.00
h. **Temporary Service (Overhead or Underground) and Overhead Permanent Return Trip Charge**

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Vehicles</td>
<td>$4.12</td>
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<tr>
<td>Labor cost</td>
<td>$46.16</td>
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<td><strong>Total</strong></td>
<td>$50.28</td>
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**Proposed Update** - $50.00
j. **Underground Service Return Trip Charge**

<table>
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<th>Amount</th>
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<td>Labor cost</td>
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<td><strong>Total</strong></td>
<td>$83.25</td>
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**Proposed Update** - $83.00
Rule H: Section 7
Line Installation and Service Attachment Allowances

Allowances are based on the cost of providing and installing Standard Terminal Facilities for single phase and three phase services.

Single Phase Allowance:
Company Vehicles - $ 121.54
Labor cost - 549.39

Material cost -
- Wedge stirrup hot tap 31.30
- Switch arm 44.82
- Switch 96.29
- 25 kVA transformer 1,057.62
- Transformer bussing 40.20
- Service wire - 100 feet 106.80
- Ground rod 27.11
- Neutral wedge connector 5.08

Total materials $ 1,409.22

Total $ 2,080.15

Proposed Update - $ 2,080.00
Three Phase Allowance:

Company Vehicles - $337.02
Labor cost - $1,403.69

Material cost -
- Wedge stirrup hot tap (3) 93.92
- Switch arm 162.12
- Switch (3) 234.70
- Transformer mount 281.30
- 15 kVA transformer (3) 1,732.64
- Transformer bussing 83.87
- Service wire - 100 feet 130.02
- Ground rod 27.11
- Neutral wedge connector 5.08

Total materials $2,750.76

Total $4,491.47

Proposed Update - $4,491.00
RULE H
NEW SERVICE ATTACHMENTS AND
DISTRIBUTION LINE INSTALLATIONS
OR ALTERATIONS
(Continued)

2. General Provisions (Continued)

I. Customer Provided Trench Digging and Backfill. The Company will at its discretion allow an
Applicant, Additional Applicant or subdivider to provide trench digging and backfill. The Customer
will sign a Memorandum of Agreement, detailing the work to be performed by the Customer and
the specifications that must be met prior to the start of construction. The Applicant shall be
responsible for the current and reasonable future costs associated with the Line Installation’s
conduit system, which may include, but is not limited to, the costs of trenching, boring,
excavating, backfilling, ducts, raceways, road crossings, paving, vaults, transformer pads, and
any required permits. The Company shall own and maintain the conduit system once Company
conductors have been installed. In a joint trench, backfill must be provided by the Company.
Costs of customer provided trench and backfill will be removed from or not included in the Cost
Quote and will not be subject to refund.

3. Line Installation Charges

If a Line Installation is required, the Applicant or Additional Applicant will pay a partially refundable Line
Installation Charge equal to the Work Order Cost less applicable Line Installation Allowances identified in
Section 7.

4. Service Attachment Charges.

a. Overhead Service Attachment Charge. If an overhead Service Attachment is required, the
Applicant or Additional Applicant will pay a non-refundable Service Attachment Charge equal to
the Work Order Cost less applicable Service Attachment allowances identified in Section 7.

b. Underground Service Attachment Charge. Each Applicant or Additional Applicant will pay a non-
refundable Underground Service Attachment Charge for attaching new Terminal Facilities to the
Company’s distribution system. The Company will determine the location and maximum length of
service cable.

i. Single Phase 400 Amps or Less and Single Phase Self-Contained Multiple Meter Bases
500 Amps or Less

Underground Service Cable (Base charge plus Distance charge)

Base charge from:

<table>
<thead>
<tr>
<th></th>
<th>Base charge from:</th>
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<tbody>
<tr>
<td></td>
<td>underground</td>
</tr>
<tr>
<td></td>
<td>$ 19.00</td>
</tr>
<tr>
<td></td>
<td>overhead including 2” riser</td>
</tr>
<tr>
<td></td>
<td>overhead including 3” riser</td>
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</table>

Distance charge (per foot)

<table>
<thead>
<tr>
<th></th>
<th>Company Installed Facilities with:</th>
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<tbody>
<tr>
<td></td>
<td>1/0 underground cable</td>
</tr>
<tr>
<td></td>
<td>4/0 underground cable</td>
</tr>
<tr>
<td></td>
<td>350 underground cable</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Customer Provided Trench &amp; Conduit with:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/0 underground cable</td>
</tr>
<tr>
<td></td>
<td>4/0 underground cable</td>
</tr>
<tr>
<td></td>
<td>350 underground cable</td>
</tr>
</tbody>
</table>
4. **Service Attachment Charges** (Continued)

   b. **Underground Service Attachment Charge** (Continued)

      ii. **All Three Phase, Single Phase Greater Than 400 Amps, and Single Phase Self-Contained Multiple Meter Bases Greater Than 500 Amps.** If a three phase, single phase greater than 400 amp, or single phase self-contained multiple meter base greater than 500 amp underground Service Attachment is required, the Applicant or Additional Applicant will pay a non-refundable Underground Service Attachment Charge equal to the Work Order Cost.

5. **Vested Interest Charges.**

   Additional Applicants connecting to a vested portion of a Line Installation will pay a Vested Interest Charge to be refunded to the Vested Interest Holder. Additional Applicants will have two payment options:

   **Option One** - An Additional Applicant may choose to pay an amount determined by this equation:

   \[
   \text{Vested Interest Charge} = A \times B \times C
   \]

   where:

   - \(A\) = Load Ratio: Additional Applicant’s Connected Load divided by the sum of Additional Applicant’s Connected Load and Vested Interest Holder’s load.
   - \(B\) = Distance Ratio: Additional Applicant’s distance divided by original distance.
   - \(C\) = Vested Interest Holder’s unrefunded contribution.

   **Option Two.** An Additional Applicant may choose to pay the current Vested Interest, in which case the Additional Applicant will become the Vested Interest Holder and, as such, will become eligible to receive Vested Interest Refunds in accordance with Section 8.a.

   If Option One is selected, the Additional Applicant has no Vested Interest and the previous Vested Interest Holder remains the Vested Interest Holder. The Vested Interest Holder’s Vested Interest will be reduced by the newest Additional Applicant’s payment.

   The Vested Interest Charge will not exceed the sum of the Vested Interests in the Line Installation. If an Additional Applicant connects to a portion of a vested Line Installation which was established under a prior rule or schedule, the Vested Interest Charges of the previous rule or schedule apply to the Additional Applicant.

6. **Other Charges**

   a. **Alteration Charges.** If an Applicant or Additional Applicant requests a Relocation, Upgrade, Conversion or removal of Company facilities, the Applicant or Additional Applicant will pay a non-refundable charge equal to the Cost Quote.

   b. **Engineering Charge.** Applicants or Additional Applicants will be required to prepay all engineering costs for Line Installations, and/or Alterations greater than 16 estimated hours. Estimates equal to or less than 16 hours will be billed to the Applicant or Additional Applicant as part of the construction costs, or after the engineering is completed in instances where construction is not requested. Engineering charges will be calculated at $67.00 per hour.
6. Other Charges (Continued)

c. Joint Trench Charge. Applicants, Additional Applicants, and subdividers will pay the Company for trench and backfill costs included in the Cost Quote. In the event the Company is able to defray any of the trench and backfill costs by sharing a trench with other utilities, the cost reduction will be included in the Cost Quote.

d. Overhead Service Attachment Charge for Non-Residence. Applicants or Additional Applicants requesting service to a residential property (Schedule 1) for purposes other than serving a Residence will pay a service connection charge of $226.00. This charge only applies to non-residences (shop, garage, etc) where there is an existing overhead transformer within 100' of the non-residence structure.

e. Rights-of-Way and Easement Charge. Applicants or Additional Applicants will be responsible for any costs associated with the acquisition of rights-of-way or easements.

f. Temporary Line Installation Charge. Applicants or Additional Applicants will pay the installation and removal costs of providing Temporary Line Installations.

g. Temporary Service Attachment Charge. Applicants or Additional Applicants will pay for Temporary Service Attachments as follows:

i. Underground - $50.00

The Customer-provided pole must be set within two linear feet of the Company’s existing transformer or junction box.

ii. Overhead - $226.00

The Customer-provided pole shall be set in a location that does not require more than 100 feet of #2 aluminum service conductor that can be readily attached to the permanent location by merely relocating it.

The electrical facilities provided by the Customer on the pole shall be properly grounded, electrically safe, meet all clearance requirements, and be ready for connection to Company facilities.

The Customer shall obtain all permits required by the applicable state, county, or municipal governments and will provide copies or verification to the Company as required. The above conditions must be satisfied before the service will be attached.

h. Temporary Service (Overhead or Underground) and Overhead Permanent Return Trip Charge. A Return Trip Charge of $50.00 will be assessed each time Company personnel are dispatched to the job site at the customer’s request, but are unable to connect the service due to action or inaction on the Customer’s part. The charge will be billed after the conditions have been satisfied and the connection has been made.
6. **Other Charges (Continued)**

i. **Unusual Conditions Charge.** Applicants, Additional Applicants, and subdividers will pay the Company the additional costs associated with any Unusual Conditions included in the Cost Quote. This payment, or portion thereof, will be refunded to the extent that the Unusual Conditions are not encountered.

In the event that the estimate of the Unusual Conditions included in the Cost Quote is equal to or greater than $10,000, the Applicant, Additional Applicant or subdivider may either pay for the Unusual Conditions or may furnish an Irrevocable Letter of Credit drawn on a local bank or local branch office issued in the name of Idaho Power Company for the amount of the Unusual Conditions. Upon completion of that portion of the project which included an Unusual Conditions estimate, Idaho Power Company will bill the Applicant, Additional Applicant or subdivider for the amount of Unusual Conditions encountered up to the amount established in the Irrevocable Letter of Credit. The Applicant, Additional Applicant or subdivider will have 15 days from the issuance of the Unusual Conditions billing to make payment. If the Applicant, Additional Applicant or subdivider fails to pay the Unusual Conditions bill within 15 days, Idaho Power will request payment from the bank.

j. **Underground Service Return Trip Charge.** When a residential Customer agrees to supply the trench, backfill, conduit, and compaction for an underground service, a Return Trip Charge of $83.00 will be assessed each time the Company's installation crew is dispatched to the job site at the Customer’s request, but is unable to complete the cable installation and energize the service due to action or inaction on the Customer's part.

7. **Line Installation and Service Attachment Allowances**

The Company will contribute an allowance toward the cost of the Terminal Facilities necessary for Line Installations and/or Service Attachments. Allowances are based on the cost of providing and installing Standard Terminal Facilities for single phase and three phase services.

a. **Allowances for Overhead and Underground Line Installations and Overhead Service Attachments**

<table>
<thead>
<tr>
<th>Class of Service</th>
<th>Maximum Allowance per Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential:</td>
<td></td>
</tr>
<tr>
<td>Schedules 1</td>
<td>$2,080.00</td>
</tr>
<tr>
<td>Non-residence</td>
<td>Cost of new meter only</td>
</tr>
<tr>
<td>Non-residential:</td>
<td></td>
</tr>
<tr>
<td>Schedules 7, 9, 24</td>
<td></td>
</tr>
<tr>
<td>Single Phase</td>
<td>$2,080.00</td>
</tr>
<tr>
<td>Three Phase</td>
<td>$4,491.00</td>
</tr>
</tbody>
</table>
7. **Line Installations and Service Attachment Allowances** (Continued)

   b. **Allowances for Subdivisions and Multiple Occupancy Projects.** Developers of Subdivisions and Multiple Occupancy Projects will receive a $2,080.00 allowance for each single phase transformer installed within a development and a $4,491.00 allowance for each three phase transformer installed within a development. Subdividers will be eligible to receive allowances for Line Installations inside residential and non-residential subdivisions.

8. **Refunds**

   a. **Vested Interest Refunds.** Vested Interest Refunds will be paid by the Company and funded by the Additional Applicant's Vested Interest Charge as calculated in accordance with Section 5. The initial Applicant will be eligible to receive refunds up to 80 percent of their original construction cost. Additional Applicants that become Vested Interest Holders will be eligible to receive refunds up to their total contribution less 20 percent of the original construction cost.

   A Vested Interest Holder and the Company may agree to waive the Vested Interest payment requirements of Additional Applicants with loads less than an agreed upon level. Waived Additional Applicants will not be considered Additional Applicants for purposes of Section 8.a.i.a) below.

   i. **Vested Interest Refund Limitations**

   a) Vested Interest Refunds will be funded by no more than 4 Additional Applicants during the 5-year period following the completion date of the Line Installation for the initial Applicant.

   b) In no circumstance will refunds exceed 100 percent of the refundable portion of any party's cash payment to the Company.

   b. **Subdivision Refunds**

   i. Applicants will be eligible for Vested Interest Refunds for facilities installed inside Subdivisions if the construction was NOT part of the initial Line Installation. Customers requesting additional Line Installations within a Subdivision will be considered new Applicants and become eligible for Vested Interest Refunds.

   ii. A subdivider will be eligible for Vested Interest Refunds for payments for Line Installations outside the subdivision.