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IDAHO PUBLIC
UTILITIES COMMISSION



LISA D. NORDSTROM
Lead Counsel
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December 29, 2011

Jean D. Jewell, Secretary
Idaho Public Utilities Commission
472 West Washington Street
P.O. Box 83720
Boise, Idaho 83720-0074

IPC-E-12-03

Re: Tariff Advice No. 11-05
Annual Compliance Filing to Update Charges and Credits under Rule H, New
Service Attachments and Distribution Line Installations or Alterations

Dear Ms. Jewell:

Idaho Power Company hereby submits proposed cost updates to the charges and credits outlined in Rule H, New Service Attachments and Distribution Line Installations or Alterations. This is the annual compliance filing to update Rule H charges and credits as required by Idaho Public Utilities Commission Order Nos. 30853 and 30955. The following tariff sheets identify the proposed cost updates, a newly proposed Overhead Service Attachment Charge for Non-Residence, and some housekeeping edits:

First Revised Sheet No. H-1	Cancelling	Original Sheet No. H-1
First Revised Sheet No. H-3	Cancelling	Original Sheet No. H-3
First Revised Sheet No. H-5	Cancelling	Original Sheet No. H-5
First Revised Sheet No. H-6	Cancelling	Original Sheet No. H-6
Third Revised Sheet No. H-7	Cancelling	Second Revised Sheet No. H-8
Third Revised Sheet No. H-8	Cancelling	Second Revised Sheet No. H-8
Third Revised Sheet No. H-9	Cancelling	Second Revised Sheet No. H-9
First Revised Sheet No. H-10	Cancelling	Original Sheet No. H-10
Third Revised Sheet No. H-11	Cancelling	Second Revised Sheet No. H-11

The cost estimation methodology used to update the charges and credits is the same methodology the Company utilized in previous annual filings, with one exception. In this filing, the Company is proposing to remove metering costs from the calculation of single phase and three phase allowances. It has come to the Company's attention that metering costs are not charged on Rule H work orders, and therefore, no offset is needed in the determination of Company-funded allowances. In other words, all metering costs on Rule H work orders are recorded as a "no-charge" and are recovered through base rates rather than on individual work orders. As a result, past allowance amounts were overstated by the cost of metering equipment: \$71.00 - \$85.00 for single phase and \$270.00 - \$292.00 for three phase.

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Overall, the Company's overhead costs went down slightly while material costs increased resulting in an average increase in Rule H charges of 3.2 percent. The proposed updates to Company-funded allowance amounts decreased on average by 2.6 percent primarily as a result of the metering cost correction mentioned above. All proposed cost updates are summarized in Attachment No. 1 of this advice filing.

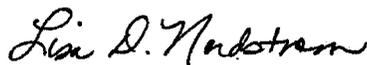
In addition to updating the charges and credits under Rule H, the Company is proposing to add a new charge to the Other Charges section of Rule H in order to provide customers a consistent charge for overhead services to non-residence structures. The costs associated with these service attachment requests rarely vary between customers, and therefore, a flat charge is appropriate. The proposed Overhead Service Attachment Charge for Non-Residence of \$181.00 will charge customers more consistently and reduce overhead costs for the Company by eliminating the need to develop individual work orders each time a request is made for overhead service attachments for non-residences. A complete definition of the proposed charge is included with this filing.

The Company is also proposing housekeeping edits which are identified in the enclosed tariff sheets. One of the edits proposes to correct the definition of Terminal Facilities to indicate that underground service wire is not included in Terminal Facilities. Instead, applicants or additional applicants pay underground charges as set forth in Section 4 of Rule H. In addition, the Company is proposing to add Schedule 3 to the preamble of Rule H, clarify the calculation of Vested Interest Charges by adding the defined term Connected Load, and correct a reference to Section 8.a.

The Company respectfully requests that the proposed updates are approved by March 1, 2012, and become effective March 15, 2012. The Company is requesting a 14-day implementation period to update computer systems and prepare new communication materials.

If you have any questions regarding this tariff advice, please contact Scott Sparks at 388-2742 or ssparks@idahopower.com.

Sincerely,



Lisa D. Nordstrom

LDN:kkt
Enclosures
cc w/enc: Greg Said
RA File
Legal File

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS

This rule applies to requests for electric service under Schedules 1, 3, 4, 5, 7, 9, 19, 24, 45, and 46 that require the installation, alteration, relocation, removal, or attachment of Company-owned distribution facilities. New construction beyond the Point of Delivery for Schedule 9 or Schedule 19 is subject to the provisions for facilities charges under those schedules. This rule does not apply to transmission or substation facilities, or to requests for electric service that are of a speculative nature.

1. **Definitions**

Additional Applicant is a person or entity whose Application requires the Company to provide new or relocated service from an existing section of distribution facilities with a Vested Interest.

Alteration is any change or proposed change to existing distribution facilities. An alteration may include Relocation, Upgrade, Conversion, and/or removal.

Applicant is a person or entity whose Application requires the Company to provide new or relocated service from distribution facilities that are free and clear of any Vested Interest.

Application is a request by an Applicant or Additional Applicant for new electric service from the Company. The Company, at its discretion, may require the Applicant or Additional Applicant to sign a written application.

Company Betterment is that portion of the Work Order Cost of a Line Installation and/or Alteration that provides a benefit to the Company not required by the Applicant or Additional Applicant. Increases in conductor size and work necessitated by the increase in conductor size are considered a Company Betterment if the Connected Load added by the Applicant or Additional Applicant is less than 100 kilowatts. If, however, in the Company's discretion, it is determined that the additional Connected Load added by the Applicant or Additional Applicant, even though less than 100 kilowatts, is (1) located in a remote location, or (2) a part of a development or project which will add a load greater than 100 kilowatts, the Company will not consider the work necessitated by the load increase to be a Company Betterment.

Connected Load is the total nameplate kW rating of the electric loads connected for commercial, industrial, or irrigation service. Connected Load for residences is considered to be 25 kW for residences with electric space heat and 15 kW for all other residences.

Conversion is a request by a customer to replace overhead facilities with underground facilities.

Cost Quote is a written cost estimate provided by the Company that must be signed and paid by the Applicant or Additional Applicant prior to the start of construction. Cost Quotes are derived from Work Order Cost estimates.

Easement is the Company's legal right to use the real property of another for the purpose of installing or locating electric facilities.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
(Continued)

1. **Definitions (Continued)**

Relocation is a change in the location of existing distribution facilities.

Residence is a structure built primarily for permanent domestic dwelling. Dwellings where tenancy is typically less than 30 days in length, such as hotels, motels, camps, lodges, clubs, and structures built for storage or parking do not qualify as a Residence.

Service Attachment is the interconnection between the Company's distribution system and the Applicant's or Additional Applicant's Point of Delivery.

Standard Terminal Facilities are the overhead Terminal Facilities the Company considers to be most commonly installed for overhead single phase and three phase services. Single phase Standard Terminal Facilities include the cost of providing and installing one overhead service conductor and one 25 kVA transformer to serve a 200 amperage meter base. Three phase Standard Terminal Facilities include the cost of providing and installing one overhead service conductor and three 15 kVA transformers to serve a 200 amperage meter base.

Subdivision is the division of a lot, tract, or parcel of land into two or more parts for the purpose of transferring ownership or for the construction of improvements thereon that is lawfully recognized, platted and approved by the appropriate governmental authorities.

Temporary Line Installation is a Line Installation for electric service of 18 calendar months or less in duration.

Temporary Service Attachment is a Service Attachment to a customer-provided temporary pole which typically furnishes electric service for construction.

Terminal Facilities include transformer, meter, overhead service conductor, or underground conduit (where applicable). These facilities are not eligible for Vested Interest Refunds.

Underground Service Attachment Charge is the non-refundable charge assessed an Applicant or Additional Applicant whenever new underground service is required by a customer attaching to the Company's distribution system.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
(Continued)

2. **General Provisions**

- a. **Cost Information.** The Company will provide preliminary cost information addressing in the charges contained in this rule, to potential Applicants and/or Additional Applicants. This preliminary information will not be considered a formal Cost Quote and will not be binding on the Company or Applicant but rather will assist the Applicant or Additional Applicant in the decision to request a formal Cost Quote. Upon receiving a request for a formal Cost Quote, the Applicant or Additional Applicant will be required to prepay non-refundable engineering costs to the Company. A Cost Quote will be binding in accordance with its terms.
- b. **Ownership.** The Company will own all distribution line facilities and retain all rights to them.
- c. **Rights-of-Way and Easements.** The Company will construct, own, operate, and maintain lines only along public streets, roads, and highways that the Company has the legal right to occupy, and on public lands and private property across which rights-of-way or easements satisfactory to the Company will be obtained at the Applicant's or Additional Applicant's expense.
- d. **Removals.** The Company reserves the right to remove any distribution facilities that have not been used for 1-year. Facilities shall be removed only after providing 60 days written notice to the last customer of record and the owner of the property served.
- e. **Property Specifications.** Applicants or Additional Applicants must provide the Company with final property specifications as required and approved by the appropriate governmental authorities. These specifications may include but are not limited to: recorded plat maps, utility easements, final construction grades, property pins and proof of ownership.
- f. **Undeveloped Subdivisions.** When electric service is not provided to the individual spaces or lots within a Subdivision, the Subdivision will be classified as undeveloped.
- g. **Mobile Home Courts.** Owners of mobile home courts will install, own, operate, and maintain all termination poles, pedestals, meter loops, and conductors from the Point of Delivery.
- h. **Conditions for Start of Construction.** Construction of Line Installations and Alterations will not be scheduled until the Applicant or Additional Applicant pays the appropriate charges to the Company.
- i. **Terms of Payment.** All payments listed under this section will be paid to the Company in cash, a minimum of 30 days and no more than 120 days, prior to the start of Company construction, unless mutually agreed otherwise.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
(Continued)

2. **General Provisions (Continued)**

- j. **Interest on Payment.** If the Company does not start construction on a Line Installation or Alteration within 30 days after receipt of the construction payment, the Company will compute interest on the payment amount beginning on the 31st day and ending once Company construction actually begins. Interest will be computed at the rate applicable under the Company's Rule L. If this computation results in a value of \$10.00 or more, the Company will pay such interest to the Applicant, Additional Applicant, or subdivider. An Applicant, Additional Applicant, or subdivider may request to delay the start of construction beyond 30 days after receipt of payment in which case the Company will not compute or pay interest.
- k. **Fire Protection Facilities.** The Company will provide service to Fire Protection Facilities when the Applicant pays the full costs of the Line Installation including Terminal Facilities, less Company Betterment. These costs are not subject to a Line Installation Allowance, but are eligible for Vested Interest Refunds under Section 8.a.
- l. **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. 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.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

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

Underground Service Cable (Base charge plus Distance charge)

Base charge from:

underground	\$ 41.00
overhead including 2" riser	\$415.00
overhead including 3" riser	\$572.00

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 7.08
4/0 underground cable	\$ 7.58
350 underground cable	\$10.09

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 2.36
4/0 underground cable	\$ 2.99
350 underground cable	\$ 3.99

ii. All Three Phase and Single Phase Greater than 400 Amps

If a three phase or single phase underground Service Attachment greater than 400 amps is required, the Applicant or Additional Applicant will pay a non-refundable Underground Service Attachment Charge equal to the Work Order Cost.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

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:

Vested Interest Charge = A x B x 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 \$64.00 per hour.

RULE H
NEW SERVICE ATTACHMENTS
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(Continued)

6. Other Charges (Continued)

- c. Engineering Charges for Agencies and Taxing Districts of the State of Idaho. Under the authority of Idaho Code Section §67-2302, an agency or taxing district of the State of Idaho may invoke its right to decline to pay engineering charges until the engineering services have been performed and billed to the agency or taxing district. Any state agency or taxing district that claims it falls within the provisions of Idaho Code §67-2302 must notify Idaho Power of such claim at the time Idaho Power requests prepayment of the engineering charges. Idaho Power may require that the state agency or taxing district's claim be in writing. If the state agency or taxing district that has invoked the provisions of Idaho Code Section §67-2302 does not pay the engineering charges within the 60 day period as provided in that statute, all the provisions of that statute will apply.
- d. 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.
- e. Overhead Service Attachment Charge for Non-Residence. Applicants or Additional Applicants requesting service to a residential property (Schedules 1, 3, 4, 5) for purposes other than serving a Residence will pay a service connection charge of \$181.00. This charge only applies to non-residences (shop, garage, etc) where there is an existing overhead transformer within 100' of the non-residence structure.
- f. 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.
- g. Temporary Line Installation Charge. Applicants or Additional Applicants will pay the installation and removal costs of providing Temporary Line Installations.
- h. Temporary Service Attachment Charge. Applicants or Additional Applicants will pay for Temporary Service Attachments as follows:
- i. Underground - \$41.00

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

RULE H
NEW SERVICE ATTACHMENTS
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 (Continued)

6. **Other Charges (Continued)**

h. **Temporary Service Attachment Charge (Continued)**

ii. **Overhead - \$181.00**

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 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.

- i. **Temporary Service Return Trip Charge.** If the conditions stated in Section 6.f. of this rule are not satisfied prior to the Customer's request for temporary service, a Temporary Service Return Trip Charge of \$41.00 will be assessed each time Company personnel are dispatched to the job site, but are unable to connect the service. The charge will be billed after the conditions have been satisfied and the connection has been made.
- j. **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.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

6. Other Charges (Continued)

- k. Underground Service Return Trip Charge. When a residential Customer agrees to supply the trench, backfill, conduit, and compaction for an underground service, an Underground Service Return Trip Charge of \$68.00 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.

7. Line Installation and Service Attachment Allowances

The Company will contribute an allowance toward the Terminal Facilities and Line Installation costs 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

<u>Class of Service</u>	<u>Maximum Allowance per Service</u>
Residential:	
Schedules 1, 3, 4, 5	\$1,802.00
Non-residence	Cost of new meter only
Non-residential:	
Schedules 7, 9, 24	
Single Phase	\$1,802.00
Three Phase	\$3,549.00
Large Power Service	
Schedule 19	Case-By-Case

- b. Allowances for Subdivisions and Multiple Occupancy Projects
 Developers of Subdivisions and Multiple Occupancy Projects will receive a \$1,802.00 allowance for each single phase transformer installed within a development and a \$3,549.00 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.

RULE H
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This rule applies to requests for electric service under Schedules 1, 3, 4, 5, 7, 9, 19, 24, 45, and 46 that require the installation, alteration, relocation, removal, or attachment of Company-owned distribution facilities. New construction beyond the Point of Delivery for Schedule 9 or Schedule 19 is subject to the provisions for facilities charges under those schedules. This rule does not apply to transmission or substation facilities, or to requests for electric service that are of a speculative nature.

1. Definitions

Additional Applicant is a person or entity whose Application requires the Company to provide new or relocated service from an existing section of distribution facilities with a Vested Interest.

Alteration is any change or proposed change to existing distribution facilities. An alteration may include Relocation, Upgrade, Conversion, and/or removal.

Applicant is a person or entity whose Application requires the Company to provide new or relocated service from distribution facilities that are free and clear of any Vested Interest.

Application is a request by an Applicant or Additional Applicant for new electric service from the Company. The Company, at its discretion, may require the Applicant or Additional Applicant to sign a written application.

Company Betterment is that portion of the Work Order Cost of a Line Installation and/or Alteration that provides a benefit to the Company not required by the Applicant or Additional Applicant. Increases in conductor size and work necessitated by the increase in conductor size are considered a Company Betterment if the Connected Load added by the Applicant or Additional Applicant is less than 100 kilowatts. If, however, in the Company's discretion, it is determined that the additional Connected Load added by the Applicant or Additional Applicant, even though less than 100 kilowatts, is (1) located in a remote location, or (2) a part of a development or project which will add a load greater than 100 kilowatts, the Company will not consider the work necessitated by the load increase to be a Company Betterment.

Connected Load is the total nameplate kW rating of the electric loads connected for commercial, industrial, or irrigation service. Connected Load for residences is considered to be 25 kW for residences with electric space heat and 15 kW for all other residences.

Conversion is a request by a customer to replace overhead facilities with underground facilities.

Cost Quote is a written cost estimate provided by the Company that must be signed and paid by the Applicant or Additional Applicant prior to the start of construction. Cost Quotes are derived from Work Order Cost estimates.

Easement is the Company's legal right to use the real property of another for the purpose of installing or locating electric facilities.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

1. Definitions (Continued)

Relocation is a change in the location of existing distribution facilities.

Residence is a structure built primarily for permanent domestic dwelling. Dwellings where tenancy is typically less than 30 days in length, such as hotels, motels, camps, lodges, clubs, and structures built for storage or parking do not qualify as a Residence.

Service Attachment is the interconnection between the Company's distribution system and the Applicant's or Additional Applicant's Point of Delivery.

Standard Terminal Facilities are the overhead Terminal Facilities the Company considers to be most commonly installed for overhead single phase and three phase services. Single phase Standard Terminal Facilities include the cost of providing and installing one overhead service conductor and one 25 kVA transformer to serve a 200 amperage meter base. Three phase Standard Terminal Facilities include the cost of providing and installing one overhead service conductor and three 15 kVA transformers to serve a 200 amperage meter base.

Subdivision is the division of a lot, tract, or parcel of land into two or more parts for the purpose of transferring ownership or for the construction of improvements thereon that is lawfully recognized, platted and approved by the appropriate governmental authorities.

Temporary Line Installation is a Line Installation for electric service of 18 calendar months or less in duration.

Temporary Service Attachment is a Service Attachment to a customer-provided temporary pole which typically furnishes electric service for construction.

Terminal Facilities include transformer, meter, overhead service conductor, or underground ~~service cable and conduit~~ (where applicable). These facilities are not eligible for Vested Interest Refunds.

Underground Service Attachment Charge is the non-refundable charge assessed an Applicant or Additional Applicant whenever new underground service is required by a customer attaching to the Company's distribution system.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS

(Continued)

2. General Provisions

- a. Cost Information. The Company will provide preliminary cost information addressing in the charges contained in this rule, to potential Applicants and/or Additional Applicants. This preliminary information will not be considered a formal Cost Quote and will not be binding on the Company or Applicant but rather will assist the Applicant or Additional Applicant in the decision to request a formal Cost Quote. Upon receiving a request for a formal Cost Quote, the Applicant or Additional Applicant will be required to prepay non-refundable engineering costs to the Company. A Cost Quote will be binding in accordance with its terms.
- b. Ownership. The Company will own all distribution line facilities and retain all rights to them.
- c. Rights-of-Way and Easements. The Company will construct, own, operate, and maintain lines only along public streets, roads, and highways that the Company has the legal right to occupy, and on public lands and private property across which rights-of-way or easements satisfactory to the Company will be obtained at the Applicant's or Additional Applicant's expense.
- d. Removals. The Company reserves the right to remove any distribution facilities that have not been used for 1-year. Facilities shall be removed only after providing 60 days written notice to the last customer of record and the owner of the property served.
- e. Property Specifications. Applicants or Additional Applicants must provide the Company with final property specifications as required and approved by the appropriate governmental authorities. These specifications may include but are not limited to: recorded plat maps, utility easements, final construction grades, property pins and proof of ownership.
- f. Undeveloped Subdivisions. When electric service is not provided to the individual spaces or lots within a Subdivision, the Subdivision will be classified as undeveloped.
- g. Mobile Home Courts. Owners of mobile home courts will install, own, operate, and maintain all termination poles, pedestals, meter loops, and conductors from the Point of Delivery.
- h. Conditions for Start of Construction. Construction of Line Installations and Alterations will not be scheduled until the Applicant or Additional Applicant pays the appropriate charges to the Company.
- i. Terms of Payment. All payments listed under this section will be paid to the Company in cash, a minimum of 30 days and no more than 120 days, prior to the start of Company construction, unless mutually agreed otherwise.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
(Continued)

2. **General Provisions (Continued)**

- j. **Interest on Payment.** If the Company does not start construction on a Line Installation or Alteration within 30 days after receipt of the construction payment, the Company will compute interest on the payment amount beginning on the 31st day and ending once Company construction actually begins. Interest will be computed at the rate applicable under the Company's Rule L. If this computation results in a value of \$10.00 or more, the Company will pay such interest to the Applicant, Additional Applicant, or subdivider. An Applicant, Additional Applicant, or subdivider may request to delay the start of construction beyond 30 days after receipt of payment in which case the Company will not compute or pay interest.
- k. **Fire Protection Facilities.** The Company will provide service to Fire Protection Facilities when the Applicant pays the full costs of the Line Installation including Terminal Facilities, less Company Betterment. These costs are not subject to a Line Installation Allowance, but are eligible for Vested Interest Refunds under Section ~~68~~.a.
- l. **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. 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.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

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

Underground Service Cable (Base charge plus Distance charge)

Base charge from:

underground	\$ 41.00
overhead including 2" riser	\$399 415.00
overhead including 3" riser	\$542 572.00

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 6.947.08
4/0 underground cable	\$ 7.577.58
350 underground cable	\$ 9.641 0.09

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 2.042.36
4/0 underground cable	\$ 2.672.99
350 underground cable	\$ 4.113.99

ii. All Three Phase and Single Phase Greater than 400 Amps

If a three phase or single phase underground Service Attachment greater than 400 amps is required, the Applicant or Additional Applicant will pay a non-refundable Underground Service Attachment Charge equal to the Work Order Cost.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

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:

Vested Interest Charge = A x B x 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 ~~\$62.00~~64.00 per hour.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
(Continued)

6. Other Charges (Continued)

- c. Engineering Charges for Agencies and Taxing Districts of the State of Idaho. Under the authority of Idaho Code Section §67-2302, an agency or taxing district of the State of Idaho may invoke its right to decline to pay engineering charges until the engineering services have been performed and billed to the agency or taxing district. Any state agency or taxing district that claims it falls within the provisions of Idaho Code §67-2302 must notify Idaho Power of such claim at the time Idaho Power requests prepayment of the engineering charges. Idaho Power may require that the state agency or taxing district's claim be in writing. If the state agency or taxing district that has invoked the provisions of Idaho Code Section §67-2302 does not pay the engineering charges within the 60 day period as provided in that statute, all the provisions of that statute will apply.
- id. 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.
- e. Overhead Service Attachment Charge for Non-Residence. Applicants or Additional Applicants requesting service to a residential property (Schedules 1, 3, 4, 5) for purposes other than serving a Residence will pay a service connection charge of \$181.00. This charge only applies to non-residences (shop, garage, etc) where there is an existing overhead transformer within 100' of the non-residence structure.
- df. 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.
- eg. Temporary Line Installation Charge. Applicants or Additional Applicants will pay the installation and removal costs of providing Temporary Line Installations.
- fh. Temporary Service Attachment Charge. Applicants or Additional Applicants will pay for Temporary Service Attachments as follows:
- i. Underground - \$41.00

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

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

6. Other Charges (Continued)

h. Temporary Service Attachment Charge (Continued)

ii. Overhead - \$~~180.00~~181.00

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 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.

gi. Temporary Service Return Trip Charge. If the conditions stated in Section 6.f. of this rule are not satisfied prior to the Customer's request for temporary service, a Temporary Service Return Trip Charge of \$41.00 will be assessed each time Company personnel are dispatched to the job site, but are unable to connect the service. The charge will be billed after the conditions have been satisfied and the connection has been made.

hj. 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.

~~i. 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.~~

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS
 (Continued)

6. Other Charges (Continued)

- jk. Underground Service Return Trip Charge. When a residential Customer agrees to supply the trench, backfill, conduit, and compaction for an underground service, an Underground Service Return Trip Charge of \$68.00 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.

7. Line Installation and Service Attachment Allowances

The Company will contribute an allowance toward the Terminal Facilities and Line Installation costs 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

<u>Class of Service</u>	<u>Maximum Allowance per Service</u>
Residential:	
Schedules 1, 3, 4, 5	\$ 1,803.00 <u>1,802.00</u>
Non-residence	Cost of new meter only
Non-residential:	
Schedules 7, 9, 24	
Single Phase	\$ 1,803.00 <u>1,802.00</u>
Three Phase	\$ 3,744.00 <u>3,549.00</u>
Large Power Service	
Schedule 19	Case-By-Case

- b. Allowances for Subdivisions and Multiple Occupancy Projects
 Developers of Subdivisions and Multiple Occupancy Projects will receive a ~~\$1,803.00~~\$1,802.00 allowance for each single phase transformer installed within a development and a ~~\$3,744.00~~\$3,549.00 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.

ATTACHMENT NO. 1

Rule H: New Service Attachments and Distribution Line Installations or Alterations 2012 Update Summary - Idaho

	<u>Existing 2011</u>	<u>Proposed 2012</u>	<u>Difference</u>
Underground Service Attachment Charges (Rule H Section 4.b.i)			
<u>Base Charge</u>			
Underground	\$ 41.00	\$ 41.00	\$ 0.00
2" riser	\$ 399.00	\$ 415.00	\$ 16.00
3" riser	\$ 542.00	\$ 572.00	\$ 30.00
 <u>Distance Charge (per foot)</u>			
Company Installed			
1/0	\$ 6.94	\$ 7.08	\$ 0.14
4/0	\$ 7.57	\$ 7.58	\$ 0.01
350	\$ 9.64	\$ 10.09	\$ 0.45
Customer Provided Trench & Conduit			
1/0	\$ 2.04	\$ 2.36	\$ 0.32
4/0	\$ 2.67	\$ 2.99	\$ 0.32
350	\$ 4.11	\$ 3.99	(\$ 0.12)
 Other Charges (Rule H Section 6)			
Engineering Charge	\$ 62.00	\$ 64.00	\$ 2.00
 Temporary Service Attachment Charge			
Underground	\$ 41.00	\$ 41.00	\$ 0.00
Overhead	\$ 180.00	\$ 181.00	\$ 1.00
Temporary Service Return Trip Charge	\$ 41.00	\$ 41.00	\$ 0.00
Underground Service Return Trip Charge	\$ 68.00	\$ 68.00	\$ 0.00
Overhead Service Attachment Charge for Non-Residence		\$ 181.00	NA
 Line Installation and Service Attachment Allowances (Rule H Section 7.a)			
Residential			
Schedule 1, 4, 5	\$ 1,803.00	\$ 1,802.00	(\$ 1.00)
Non-residential			
Schedules 7, 9, 24			
Single Phase	\$ 1,803.00	\$ 1,802.00	(\$ 1.00)
Three Phase	\$ 3,744.00	\$ 3,549.00	(\$ 195.00)

Rule H: New Service Attachments and Distribution Line Installations or Alterations 2012 Update to Charges and Credits - Idaho

All costs were calculated using Passport inventory and cost program. Design number 90122 was used to provide a single design number for consistency and accuracy. A summary of all costs is shown below.

TIMWISON DESIGN DEVELOPMENT - [PROD]

File Edit Navigate Options View Help

SELECT TO STEP THRU DESIGN VERSION. EXECUTE TO CREATE NEW VERSION.

Design: 0000090122 Status: PLAN 11/18/2011 08:07 Execute

Facility: EDS

Description: RULE H - EVALUATION FOR 2012 PRICING

Client/Act: [] [] [] []

Location: [VID] [NMPA22C] [NMPA-022 NMPA-022 CANYON COUNTY] Locations ▶

Designer: PCL9738 Design Type: 45 Description ▶

Reqd In Svc: 12/05/2011 Service Type: UG Attributes ▶ Contacts -

Service Rqst: [] Request Type: [] Notes - Schedule -

Billing Rate: External Design Required:

Billing Template: [ST] [RULEH] Capital Project:

Rate Category: [] Project: [B09900777] New Business Underground COC

Design Version Details

Version	Status	Description	Estimated Cost
001	PLAN	BASE CHARGE-2012	\$41.25
002	PLAN	2" POLE RISER 2012	\$415.30
003	PLAN	3" POLE RISER 2012	\$572.36
004	PLAN	IPCO TRENCH 1/0 SERVICE 2012	\$862.13
005	PLAN	IPCO TRENCH 4/0 SERVICE 2012	\$911.91
006	PLAN	IPCO TRENCH 350 SERVICE 2012	\$1,162.63
007	PLAN	CUSTOMER TRENCH 1/0 SERVICE 2012	\$390.25
008	PLAN	CUSTOMER TRENCH 4/0 SERVICE 2012	\$452.48
009	PLAN	CUSTOMER TRENCH 350 SERVICE 2012	\$552.70
010	PLAN	TEMP URD 2012	\$41.25
011	PLAN	TEMP OVERHEAD 2012	\$180.86
013	PLAN	SCHEDULE 7, 9, & 24 THREE PHASE ALLOWANCE 2012	\$3,548.99
014	PLAN	TEMP URD RETURN TRIP CHARGE 2012	\$68.15
016	PLAN	SCD 1,4 OR 5 TERM CREDIT VERSION 2, 25 KVA TRA	\$1,802.24
018	PLAN	OVERHEAD RETURN TRIP CHARGE	\$41.25
019	PLAN	RATE 01 NON RESIDENTIAL OH SERVICE	\$180.86

Rule H: Section 4.b.i. Service Attachment Charges

Underground Service Attachment Charge – Base Charge From Underground:

Travel cost -	1 person & 0.5 hours of travel time	\$26.90
Labor cost -	Connection - 3 wire service to terminal facilities	\$13.31
Material cost -	Cable tag & tie	<u>\$ 1.04</u>
Total		\$41.25
Proposed Update -	\$41.00	

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 | 001 Status: PLAN 11/18/2011 06:07

Description: BASE CHARGE-2012

Designer: PCL9738 Service Type: UG

Billing Template: ST | RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$41.25 Transfer to Work Order:

Quote: \$41.00 Navigate to Work Order:

Quote Date: 12/02/2011

CU Category: Cost Class: PCO

Crew Size: 1 Work Hours: 8.00

Trip Time: .5 Resource: PERS | TRAVELCE

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001	BASE CHARGE	02	-	>	-	-	-	-	-

Underground Service Attachment Charge – Base Charge From Overhead 2" Riser:

Travel cost -	2 persons & 0.5 hours of travel time	\$ 53.80
Labor cost -	Installation of material	\$154.57
Material cost -	2" PVC conduit, 2" metal conduit 30 feet of 1/0 triplex cable for service Nuts, bolts, brackets and washers	<u>\$206.93</u>
Total		\$415.30

Proposed Update - \$415.00

WINWIDE DESIGN VERSION DETAILS - [PROD]

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 002 Status: PLAN 11/18/2011 08:07

Description: 2" POLE RISER 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$415.30 Transfer to Work Order:

Quote: \$415.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 2 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Execute Attributes Notes Finance

Design Version Point Details

Point	Cross Reference	Task	CU Group	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	-	-	-	-	-	-

Underground Service Attachment Charge – Base Charge From Overhead 3" Riser:

Travel cost -	2 persons & 0.5 hours of travel time	\$ 53.80
Labor cost -	Installation of material	\$187.85
Material cost -	3" PVC conduit, 3" metal conduit 30 feet of 4/0 triplex cable for service Nuts, bolts, brackets and washers	<u>\$330.73</u>
Total		\$572.38

Proposed Update - \$572.00

V:\TIMW101 - DESIGN VERSION DETAILS - | PROO

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 003 Status: PLAN 11/18/2011 08:07

Description: 3" POLE RISER 2012

Designer: PCL9738 Service Type: UC

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$572.36 Transfer to Work Order:

Quote: \$572.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: PCO

Crew Size: 2 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Design Version Point Details

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	>	>	-	-	-	-

**Underground Service Attachment Charge – Distance Charge
Company Installed, 100 feet of 1/0 underground cable:**

Travel cost -	5 Man crew & 0.5 hours of travel time	\$ 134.50
Labor cost -	Installation of material	\$ 572.18
Material cost -	Connecting 1/0 service cable to transformer	
	Service trench & backfill 30" depth (100 feet)	
	Service cable 1/0 (100 feet)	
	2" conduit (100 feet)	
	2" conduit 90 degree bend	
	2" conduit bell end	\$ 155.45
		<u>\$ 862.13</u>

Minus the cost of a 100 foot #2 triplex overhead service (\$153.96)

Total \$708.17

Proposed Update - \$7.08/ft

V:\TIMW101 - DESIGN VERSION DETAILS - I.PROJ

File Edit Navigate Options View Help

1 SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 004 Status: PLAN 11/18/2011 08:07 Execute

Description: IPCO TRENCH 1/0 SERVICE 2012 Attributes

Designer: PCL9738 Service Type: UG Notes

Billing Template: ST RULEH Salvage: Finance

Rate Category: External Cross Reference:

Estimated Cost: \$862.13 Transfer to Work Order:

Quote: \$862.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 5 Work Hours: 8.00

Trip Time: 5 Resource: PERS TRAVELCE

Design Version Point Details									
Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02							

**Underground Service Attachment Charge – Distance Charge
Company Installed, 100 feet of 4/0 underground cable:**

Travel cost -	5 Man crew & 0.5 hours of travel time	\$ 134.50
Labor cost -	Installation of material	\$ 572.19
Material cost -	Connecting 4/0 service cable to transformer 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	\$ 205.22
		<u>\$ 911.91</u>
Minus the cost of a 100 foot #2 triplex overhead service		<u>(\$153.96)</u>
Total		\$ 757.95

Proposed Update - \$7.58/ft

Design Version: 000090122 005 Status: PLAN 11/18/2011 08:07

Description: IPCO TRENCH 4/0 SERVICE 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$911.91 Transfer to Work Order:

Quote: \$912.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 5 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Point	Cross Reference	Tact	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02							

**Underground Service Attachment Charge – Distance Charge
Company Installed, 100 feet of 350 underground cable:**

Travel cost -	5 Man crew & 0.5 hours of travel time	\$ 134.50
Labor cost -	Installation of material	\$ 657.36
Material cost -	Connecting 350 service cable to transformer Service trench & backfill 30" depth (100 feet) Service cable 350 (100 feet) 3" conduit (100 feet) 3" conduit 90 degree bend 3" conduit bell end	<u>\$ 370.77</u>
		\$1162.63

Minus the cost of a 100 foot #2 triplex overhead service (\$ 153.96)

Total **\$1008.67**

Proposed Update - \$10.09/ft

VIMWJUL-DESIGN VERSION DETAILS - [PCO]

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 006 Status: PLAN 11/18/2011 08:07

Description: PCO TRENCH 350 SERVICE 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$1,162.63 Transfer to Work Order:

Quote: \$1,163.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: PCO

Crew Size: 5 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Execute
Attributes
Notes
Finance

Design Version Point Details

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	▶	▶	-	-	-	▶

Underground Service Attachment Charge – Distance Charge
 Customer provided trench & conduit, 100 feet of 1/0 underground
 cable:

Travel cost -	2 persons & 0.5 hours of travel time	\$ 53.80
Labor cost -	Installation of material	\$ 252.80
Material cost -	Service cable 1/0 (100 feet)	\$ 83.65
		<u>\$ 390.25</u>

Minus the cost of a 100 foot #2 triplex overhead service (\$153.96)

Total \$ 236.29

Proposed Update - \$2.36/ft

VIMW101 - DESIGN VERSION DETAILS - 1 PROP

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 007 Status: PLAN 11/18/2011 08:07

Description: CUSTOMER TRENCH 1/0 SERVICE 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$390.25 Transfer to Work Order:

Quote: \$390.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 2 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Design Version Point Details

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	-	-	-	-	-	-

Underground Service Cable - Distance Charges
 Customer provided trench & conduit, 100 feet of 4/0 underground cable:

Travel cost -	2 persons & 0.5 hours of travel time	\$ 53.80
Labor cost-	Installation of material	\$ 250.26
Material cost -	Service cable 4/0 (100 feet)	<u>\$ 148.42</u>
		\$ 452.48
Minus the cost of a 100 foot #2 triplex overhead service		<u>(\$153.96)</u>
Total		\$ 298.52

Proposed Update - \$2.99/ft

Design Version: 0000090122 008 Status: PLAN 11/18/2011 08:07

Description: CUSTOMER TRENCH 4/0 SERVICE 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$452.48 Transfer to Work Order:

Quote: \$452.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: PCO

Crew Size: 2 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

* Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	-	-	-	-	-	-

Underground Service Cable - Distance Charges
 Customer provided trench & conduit, 100 feet of 350 underground cable:

Travel cost -	2 persons & 0.5 hours of travel time	\$ 53.80
Labor cost-	Installation of material	\$ 253.60
Material cost -	Service cable 350 (100 feet)	<u>\$ 245.30</u>
		\$ 552.70

Minus the cost of a 100 foot #2 triplex overhead service (\$153.96)

Total \$ 398.75

Proposed Update - \$3.99/ft

VIEWPOINT - DESIGN VERSION DETAILS - PROD

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 009 Status: PLAN 11/18/2011 08:07

Description: CUSTOMER TRENCH 350 SERVICE 2012

Designer: PCL9738 Service Type: JG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$552.70 Transfer to Work Order:

Quote: \$553.00 Navigate to Work Order:

Quote Date: 12/12/2011

CJ Category: Cost Class: PCO

Crew Size: 2 Work Hours: 8.00

Trip Time: 5 Resource: PERS TRAVELCE

Execute
Attributes
Notes
Finance

Design Version Point Details

Point	Cross Reference	Test	CJ Groups	CJ List	Resources	Material	Permits	Contracts	Documents
0001		02							

Rule H: Section 6 Other Charges

b. Engineering Charges

Senior Distribution Designer Wages (2011)	\$38.36/hour
Benefits (45%, 2011 year-to-date)	\$17.26/hour
General Overhead (current 22.00%)	<u>\$ 8.44/hour</u>

Total \$64.06/hour

Proposed Update - \$64.00 per hour

f. Temporary Service Attachment Charges

i. Underground

Travel cost -	1 person & 0.5 hours of travel time	\$26.90
Labor cost-	Connect 3 wire service to terminal facilities	\$13.31
Material cost -	Cable tag & tie	<u>\$ 1.04</u>

Total \$41.25

Proposed Update - \$41.00

DESIGN POINT DETAILS - 0001

File Edit Navigate Options View Help

[SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.]

Design Version: 0000090122 010 Status: PLAN 11/18/2011 08:07

Description: TEMP URD 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$41.25 Transfer to Work Order:

Quote: \$41.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 1 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

* Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	>>		-	-	-	-

ii. Overhead

Travel cost -	1 person & 0.5 hours of travel time	\$ 26.90
Labor cost -	Install & connect #2 triplex	\$ 54.48
Material cost -	100 ft #2 triplex, wedge clamps, nuts, bolts	<u>\$ 99.48</u>
Total		\$180.86

Proposed Update - \$181.00

VIMW101 DESIGN VERSION DETAILS [0001]

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 000090122 011 Status: PLAN 11/16/2011 08:07

Description: TEMP OVERHEAD 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$180.86 Transfer to Work Order:

Quote: \$181.00 Navigate to Work Order:

Quote Date: 12/09/2010

CU Category: Cost Class: IPCO

Crew Size: 1 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Execute Attributes Notes Finance

Design Version Point Details

Point	Cross Reference	Task	CU Group	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	▶	▶	-	-	-	-

g. Temporary Service Return Trip Charge (Overhead)

Travel cost -	1 person & 0.5 hours of travel time	\$26.90
Labor cost -	Connecting 3 wire service to terminal facilities	\$14.35
Material cost -	None	\$ 0.00
Total		\$41.25

Proposed Update - \$41.00

The screenshot shows a software window with a menu bar (File, Edit, Navigate, Options, View, Help) and a toolbar. The main area contains the following fields:

- Design Version: 0000090122 | 018
- Status: PLAN | 11/18/2011 | 08:07
- Description: OVERHEAD RETURN TRIP CHARGE
- Designer: PCL9738
- Service Type: UG
- Billing Template: ST | RULEH
- Salvage:
- Rate Category: [dropdown]
- External Cross Reference: [text box]
- Estimated Cost: \$41.25
- Transfer to Work Order: [text box]
- Quote: \$41.00
- Navigate to Work Order:
- Quote Date: 12/12/2011
- CU Category: [text box]
- Cost Class: PCO
- Crew Size: 1
- Work Hours: 8.00
- Trip Time: .5
- Resource: PERS | TRAVELCE

At the bottom, there is a table titled "Design Version Point Details":

Point	Close Reference	Task	CU Group	CU List	Resource	Material	Permits	Contracts	Documents
0001		02	-	\	\	-	-	-	-

j. Underground Service Return Trip Charge

Travel cost -	2 persons & 0.5 hours of travel time	\$53.80
Labor cost -	Inspect service	\$14.35
Material cost -	None	\$ 0.00
Total		\$68.15

Proposed Update - \$68.00

VTIMW101 - DESIGN VERSION DETAILS - [PROD]

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 014 Status: PLAN 11/18/2011 08:07

Description: TEMP URD RETURN TRIP CHARGE 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$68.15 Transfer to Work Order:

Quote: \$68.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: IPCO

Crew Size: 2 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Design Version Point Details

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	>	\	-	-	-	-

k. Overhead Service Attachment Charge for Non-Residence (New)

This charge is for service to a residential property (Schedules 1, 3, 4, 5) for purposes other than serving a residence. Only non-residences (shop, garage, etc) where there is an existing transformer within 100' of the non-residence structure are eligible for this charge.

Travel cost -	1 person & 0.5 hours of travel time	\$ 26.90
Labor cost -	Install & connect #2 triplex	\$ 54.48
Material cost -	100 ft #2 triplex, wedge clamps, nuts, bolts	<u>\$ 99.48</u>
Total		\$180.86

Proposed Update - \$181.00

The screenshot shows a software window titled 'SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.' with a menu bar (File, Edit, Navigate, Options, View, Help) and a toolbar. The main area contains the following fields:

- Design Version: 0000090122 019
- Status: PLAN 12/14/2011 15:03
- Description: RATE 01 NON RESIDENTIAL OH SERVICE
- Designer: PCL9738
- Service Type: JG
- Billing Template: ST RULEH
- Salvage:
- Rate Category: []
- External Cross Reference: []
- Estimated Cost: \$180.86
- Transfer to Work Order: []
- Quote: \$181.00
- Navigate to Work Order:
- Quote Date: 12/12/2011
- CU Category: []
- Cost Class: IPCO
- Crew Size: 1
- Work Hours: 8.00
- Trip Time: .5
- Resource: PERS TRAVELCE

On the right side, there are buttons for 'Execute', 'Attributes', 'Notes', and 'Finance'. Below the main form is a table titled 'Design Version Point Details':

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001		02	-	>	-	-	-	-	-

Rule H: Section 7

Line Installation and Service Attachment Allowances

Allowances are calculated based on the costs to provide and install standard overhead terminal facilities for 200 amperage single phase and three phase services.

Single Phase Allowances:

Travel cost -	5 man line crew & 0.5 hours of travel time	\$ 134.50
Labor cost -	Installation of material	\$ 358.76
Material cost -	Wedge stirrup hot tap (DWS4R4)	\$ 32.93
	Switch arm (DBK18)	\$ 40.34
	Switch (DSCS351)	\$ 96.83
	25 kVA transformer (DT25R1)	\$ 959.41
	Transformer bussing (DYS25)	\$ 50.48
	Service wire - 125 feet (D3P2)	\$ 103.58
	Ground rod (DGRO)	<u>\$ 25.41</u>
Total materials		<u>\$1,308.98</u>
Total		<u>\$1,802.24</u>

Proposed Update - \$1,802.00

Design Version: 0000090122 016 Status: PLAN 11/18/2011 08:07

Description: SCD 1, 4, OR 5 TERM CREDIT VERSION 2, 25 KVA TRAN 19.9 VLT 20 2012

Designer: PCL9738 Service Type: UG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$1,802.24 Transfer to Work Order:

Quote: \$1,802.00 Navigate to Work Order:

Quote Date: 12/09/2010

CU Category: Cost Class: PCO

Crew Size: 5 Work Hours: 8.00

Trip Time: .5 Resource: PERS TRAVELCE

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001	TERM ALLOWAN	02							

Three Phase Allowances:

Travel cost - 5 man line crew & 0.5 hours of travel time \$ 134.50
 Labor cost - Installing material \$1,038.77

Material cost - Wedge stirrup hot tap (3) (DWS4R4) \$ 98.79
 Switch arm (DAA3D) \$ 153.93
 Switch (3) (DSC151) \$ 231.29
 Transformer mount (DCMB) \$ 256.91
 15 kVA transformer (3) (DT15A2) \$1,375.11
 Transformer bussing (DYY151) \$ 106.30
 Service wire – 125 feet (D4P2) \$ 127.98
 Ground rod (DGRO) \$ 25.41

Total materials \$2,375.72

Total \$3,548.99

Proposed Update - \$3,549.00

VIMV101 - DESIGN VERSION DETAILS - [PROJ 1]

File Edit Navigate Options View Help

SELECT TO STEP THROUGH DESIGN POINT. EXECUTE TO CREATE NEW POINT.

Design Version: 0000090122 013 Status: PLAN 11/18/2011 08:07

Description: SCHEDULE 7,9, & 24 THREE PHASE ALLOWANCE 2012

Designer: PCL9738 Service Type: JG

Billing Template: ST RULEH Salvage:

Rate Category: External Cross Reference:

Estimated Cost: \$3,548.99 Transfer to Work Order:

Quote: \$3,549.00 Navigate to Work Order:

Quote Date: 12/12/2011

CU Category: Cost Class: PCO

Crew Size: 5 Work Hours: 8.00

Trip Time: 5 Resource: PERS TRAVELCE

Design Version Point Details

Point	Cross Reference	Task	CU Groups	CU List	Resources	Material	Permits	Contracts	Documents
0001	TERM ALLOWAN	02	-	>		-	-	-	-