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December 30, 2020

**VIA ELECTRONIC FILING**

[PUC.FilingCenter@state.or.us](mailto:PUC.FilingCenter@state.or.us)

Re: Tariff Advice No. 20-14  
Update to Charges and Credits under Rule H, New Service Attachments  
and Distribution Line Installations or Alterations

Attention Filing Center:

Pursuant to Oregon Revised Statute § 757.205, Idaho Power Company ("Idaho Power" or "Company") hereby submits proposed cost updates to the charges and credits outlined in Rule H, New Service Attachments and Distribution Line Installations or Alterations ("Rule H"). This advice filing is similar to the annual filing Idaho Power submitted on December 27, 2019 and seeks to keep all charges and credits current with variations in actual costs. The following tariff sheets identify the proposed cost updates and language modifications:

Twelfth Revised Sheet No. H-5	Cancelling	Eleventh Revised Sheet No. H-5
Tenth Revised Sheet No. H-6	Cancelling	Ninth Revised Sheet No. H-6
Thirteenth Revised Sheet No. H-7	Cancelling	Twelfth Revised Sheet No. H-7
Thirteenth Revised Sheet No. H-8	Cancelling	Twelfth Revised Sheet No. H-8
Twelfth Revised Sheet No. H-9	Cancelling	Eleventh Revised Sheet No. H-9

The cost estimation methodology used to update the charges and credits is the same methodology the Company utilized in the prior year's filing.

All proposed cost updates are summarized in an attachment to this advice filing. The charges are presented comparatively to the prior year's filing where the charges are broken out by materials, labor, and cost of Company vehicles/equipment.

Overall, the proposed Rule H charges generally increased, primarily driven by increases in labor and material costs, and the increase in the general overhead rate from 10.25 percent to 14.50 percent. Single Phase and Three Phase allowances, provided to customers as an offset to their upfront cost responsibility, increased by one percent and two percent, respectively.

More details on the inputs driving the proposed cost updates are provided below:

### **Material Costs**

The underground service attachment base charge for both the 2- and 3-inch riser reflects a change from galvanized steel to fiberglass conduit as the preferred material for pole risers due to improved conductor freeze/thaw protection. Overall, the material costs for the 2-inch riser increased by approximately 13 percent and decreased for the 3-inch riser by approximately 13 percent. The cost differential between the fiberglass and galvanized steel conduit was the primary driver of the changes in the material costs for the risers; the cost of 2-inch fiberglass conduit is higher than 2-inch galvanized steel conduit, and the cost of 3-inch fiberglass conduit is lower than 3-inch galvanized steel conduit, resulting in an increase to the overhead 2-inch riser base charge and a decrease to the overhead 3-inch riser base charge.

The cost of materials for Company installed 1/0, 4/0, and 350 underground cable increased by approximately eight percent, three percent, and two percent, respectively, primarily due to the increased cost of conduit, which was offset by a decrease in the trench-related cost, which occurred as a result of the renegotiation of a contract with one of the Company's third-party contractors.

### **Labor Costs**

The construction labor rate (the labor rate used to develop the charges and credits) increased from \$68.00 to \$71.00. Additionally, the Engineering Charge increased by approximately seven percent, driven by increases in the labor rate for the Company's Distribution Designers, benefits loading rate, and the general overhead rate used to calculate the Engineering Charge. The proposed Engineering Charge increased from \$74.00 to \$79.00 per hour.

### **Vehicle Costs**

A line truck and bucket truck are the primary vehicles utilized to perform Rule H type work, and the hourly rate for both vehicles decreased from \$55.97 to \$45.89. The hourly cost of the vehicles decreased due to lower fuel prices and maintenance expenses. Because the vehicle costs constitute approximately 12 percent of the total costs associated with the Rule H charges, the decreased vehicle rate partially offset increased labor and material costs for several of the charges.

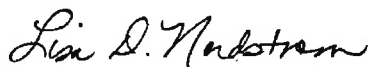
### **Single Phase and Three Phase Allowances**

The allowances are provided as a credit to offset a portion of the upfront cost of distribution line installations paid for by customers pursuant to Rule H. The proposed updates to Company-funded allowance amounts increased slightly for the Single Phase and Three Phase allowance. The Single Phase and Three Phase allowance increases were primarily driven by the increase in the general overhead rate. The Company proposes to increase the Single Phase allowance from \$2,231 to \$2,262, and increase the Three Phase allowance from \$5,396 to \$5,485.

Idaho Power respectfully requests that the proposed updates are approved by February 23, 2021 and become effective March 15, 2021. A minimum of a 14-day implementation period is necessary to update computer systems, prepare new communication materials, and train personnel.

If you have any questions regarding this tariff advice, please contact Regulatory Analyst Riley Maloney at 208-388-5418 or [rmaloney@idahopower.com](mailto:rmaloney@idahopower.com).

Sincerely,



Lisa D. Nordstrom

LDN:slb  
Enclosures

**Oregon Summary of Changes**

	Existing 2020	Proposed 2021	Difference	
			\$	%
<b>Underground Service Attachment Charges</b>				
<b>(Rule H Section 4.b.i)</b>				
<b><u>Base Charge</u></b>				
Underground	\$ 23.00	\$ 23.00	\$ -	0%
2" riser	\$ 583.00	\$ 638.00	\$ 55.00	9%
3" riser	\$ 845.00	\$ 801.00	\$ (44.00)	(5%)
<b><u>Distance Charge (per foot)</u></b>				
<b>Company Installed</b>				
1/0	\$ 9.68	\$ 9.74	\$ 0.06	1%
4/0	\$ 10.26	\$ 10.26	\$ -	0%
350	\$ 12.35	\$ 12.43	\$ 0.08	1%
<b>Customer Provided Trench &amp; Conduit</b>				
1/0	\$ 3.36	\$ 3.34	\$ (0.02)	(1%)
4/0	\$ 3.94	\$ 3.87	\$ (0.07)	(2%)
350	\$ 5.23	\$ 5.19	\$ (0.04)	(1%)
<b>Other Charges</b>				
<b>(Rule H Section 6)</b>				
Engineering Charge	\$ 74.00	\$ 79.00	\$ 5.00	7%
Overhead Service Attachment Charge for Non-Residence	\$ 237.00	\$ 255.00	\$ 18.00	8%
Temporary Service Attachment Charge				
Underground	\$ 59.00	\$ 62.00	\$ 3.00	5%
Overhead	\$ 237.00	\$ 255.00	\$ 18.00	8%
Temporary Service (Overhead or Underground), Overhead Permanent, and Customer Provided				
Trench Inspection Return Trip Charge	\$ 59.00	\$ 62.00	\$ 3.00	5%
Underground Service Return Trip Charge	\$ 96.00	\$ 103.00	\$ 7.00	7%
<b>Line Installation and Service Attachment Allowances</b>				
<b>(Rule H Section 7.a)</b>				
<b>Residential</b>				
Schedules 1, 5	\$ 2,231.00	\$ 2,262.00	\$ 31.00	1%
Schedules 7, 9, 24				
Single Phase	\$ 2,231.00	\$ 2,262.00	\$ 31.00	1%
Three Phase	\$ 5,396.00	\$ 5,485.00	\$ 89.00	2%
<b>General Overheads</b>	10.25%	14.50%		

# Oregon

## Rule H: New Service Attachments and Distribution Line Installations or Alterations 2021 Update to Charges and Credits

All costs were calculated using the Company's Asset Suite inventory and cost program. The same design number was used to provide a single design number for consistency and accuracy. A summary of all costs is shown below.

Design      146876

Design	0000146876	Design Search		Status	PLAN	12/07/2020
Facility	EDS					
Description	RULE H OREGON 2021					
Client/Act						
Location	WOR	AROCK		AROCK		
Designer	CLS1973			Design Type	45	
Reqd In Svc				Service Type		
Service Rqst				Request Type		
Billing Rate	<input checked="" type="checkbox"/>			External Design Required		
Billing Template	ST	RULEH OR		Capital Project	<input checked="" type="checkbox"/>	

Version	Description	Estimated Cost
1	BASE CHARGE UG SERVICE 2021	\$ 23.18
2	2" POLE RISER 2021	\$ 637.93
3	3" POLE RISER 2021	\$ 801.05
4	IPCO TRENCH 1/0 SERVICE 2021	\$ 1,187.98
5	IPCO TRENCH 4/0 SERVICE 2021	\$ 1,240.46
6	IPCO TRENCH 350 SERVICE 2021	\$ 1,457.02
7	CUSTOMER TRENCH 1/0 SERVICE 2021	\$ 548.45
8	CUSTOMER TRENCH 4/0 SERVICE 2021	\$ 600.93
9	CUSTOMER TRENCH 350 SERVICE 2021	\$ 733.24
10	TEMP UNDERGROUND 2021	\$ 62.17
11	OH SERVICE NON-RESIDENCE & TEMP OH 2021	\$ 254.76
12	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH 2021	\$ 62.17
13	UNDERGROUND RETURN TRIP 2021	\$ 102.82
14	SINGLE PHASE ALLOWANCE 2021	\$ 2,262.31
15	THREE PHASE ALLOWANCE 2021	\$ 5,485.04

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

Underground Service Attachment Charge – Base Charge  
From Underground:

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Company Vehicles -	\$	5.26
Labor Cost -		16.26
Material Cost - Cable tag & tie		1.66
<b>Total</b>	<b>\$</b>	<b>23.18</b>
 <b>Proposed Update -</b>		 <b>\$ 23.00</b>

Design Version	0000148876	001	Status	PLAN	12/07/2020
Description	BASE CHARGE UG SERVICE 2021				
Designer	WBH7456		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000148876001	
Estimated Cost	\$ 23.18		Transfer to Work Order		
Quote					
Quote Date	<input type="text" value=""/>				
CU Category			Cost Class	IPCO ▼	
Design Task Type	▼		Crew Type	▼	
Crew Size	2		Work Hours	8.00	
Trip Time			Resource	PERS ▼	TRAVELCE

**Underground Service Attachment Charge – Base Charge  
From Overhead 2” Riser:**

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Company Vehicles -	\$ 70.94
Labor Cost -	213.80
2” PVC conduit, 2” fiberglass conduit	
35 feet of 1/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	<u>353.19</u>
Total	<b>\$ 637.93</b>
<b>Proposed Update -</b>	<b>\$ 638.00</b>

<b>Design Version</b> 0000146876	002	<b>Status</b> PLAN	12/07/2020
<b>Description</b> 2" POLE RISER 2021			
<b>Designer</b> WBH7455		<b>Service Type</b> ▾	
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b> <input checked="" type="checkbox"/>	
<b>Rate Category</b>		<b>External Cross Reference</b> 0000146876002	
<b>Estimated Cost</b>	\$ 837.83	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b> <input checked="" type="checkbox"/>	
<b>Quote Date</b>		<b>Retain Material Request</b> <input type="checkbox"/>	
<b>CU Category</b>		<b>Cost Class</b> IPCO ▾	
<b>Design Task Type</b> ▾		<b>Crew Type</b> ▾	
<b>Crew Size</b> 2		<b>Work Hours</b> 8.00	
<b>Trip Time</b>		<b>Resource</b> PERS ▾	TRAVELCE

## Underground Service Attachment Charge – Base Charge From Overhead 3” Riser

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Company Vehicles -	\$ 84.40
Labor Cost -	255.27
3” PVC conduit, 3” fiberglass conduit	
35 feet of 4/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	<u>461.38</u>
Total	\$ 801.05
<b>Proposed Update -</b>	<b>\$ 801.00</b>

Design Version	0000148876	003	Status	PLAN	12/07/2020
Description	3" POLE RISER 2021				
Designer	WBH7455		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000148876003	
Estimated Cost		\$ 801.05	Transfer to Work Order		
Quote					
Quote Date	☐				
CU Category					
Design Task Type	▼				
Crew Size	2		Cost Class	IPCO ▼	
Trip Time			Crew Type	▼	
			Work Hours	8.00	
			Resource	PERS ▼	TRAVELCE



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

Company Vehicles -	\$ 128.74
Labor Cost -	565.01
Service trench & backfill 30" depth (100 feet)	
Service cable 1/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	215.99
Trench Cost -	278.24
Sub Total	\$ 1,187.98
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (214.11)</u>
Total	\$ 973.87
<b>Proposed Update -</b>	<b>\$ 9.74 /ft</b>

Design Version	0000146876	004	Status	PLAN	12/07/2020
Description	IPCO TRENCH 1/0 SERVICE 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	D000146876D04	
Estimated Cost		\$ 1,187.98	Transfer to Work Order		
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	5		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE

Overhead service credit used in all underground service attachment charges 100 Feet Of Service Wire	
Company Vehicles -	\$ 26.28
Labor Cost -	121.95
Minus Travel	(40.65)
Material Cost -	106.53
Total	\$ 214.11

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

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Company Vehicles -	\$ 128.74
Labor Cost -	565.01
Service trench & backfill 30" depth (100 feet)	
Service cable 4/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	268.47
Trench Cost -	278.24
Sub Total	<u>\$ 1,240.46</u>
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (214.11)</u>
Total	\$ 1,026.35
<b>Proposed Update -</b>	<b>\$ 10.26 /ft</b>

Design Version	0000146876	005	Status	PLAN	12/07/2020
Description	IPCO TRENCH 4/0 SERVICE 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000146876005	
Estimated Cost		\$ 1,240.46	Transfer to Work Order		
Quote			Navigate to Work Order	<input checked="" type="checkbox"/>	
Quote Date			Retain Material Request	<input type="checkbox"/>	
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	5		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE

**Underground Service Attachment Charge – Distance Charge**  
**Company Installed, 100 feet of 350 underground cable:**  
 (5 Man crew & 0.5 hours of travel time)

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Company Vehicles -	\$ 141.86
Labor Cost -	605.66
Service trench & backfill 30" depth (100 feet)	
Service cable 350 (100 feet)	
3" conduit (100 feet)	
3" conduit 90 degree bend	
Material Cost -	431.26
Trench Cost -	278.24
Sub Total	<u>\$ 1,457.02</u>
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (214.11)</u>
Total	\$ 1,242.91
<b>Proposed Update -</b>	<b>\$ 12.43 /ft</b>

<b>Design Version</b> 0000148878	006	<b>Status</b> PLAN	12/07/2020
<b>Description</b> IPCO TRENCH 350 SERVICE 2021			
<b>Designer</b> WBH7455		<b>Service Type</b>	
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b> <input checked="" type="checkbox"/>	
<b>Rate Category</b>		<b>External Cross Reference</b> 0000148876006	
<b>Estimated Cost</b>	\$ 1,457.02	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b> <input checked="" type="checkbox"/>	
<b>Quote Date</b>		<b>Retain Material Request</b> <input type="checkbox"/>	
<b>CU Category</b>		<b>Cost Class</b> IPCO	
<b>Design Task Type</b>		<b>Crew Type</b>	
<b>Crew Size</b> 5		<b>Work Hours</b> 8.00	
<b>Trip Time</b> 0.5		<b>Resource</b> PERS	TRAVELCE

**Underground Service Attachment Charge – Distance Charge**

Customer provided trench & conduit, 100 feet of 1/0 underground cable:

(2 Man crew & 0.5 hours of travel time)

Company Vehicles -	\$ 91.96
Labor Cost -	345.51
Material Cost - Service cable 1/0 (100 feet)	<u>110.98</u>
Sub Total	\$ 548.45
 Minus the cost of a 100 foot #2 triplex overhead service wire	 <u>\$ (214.11)</u>
 Total	 \$ 334.34
 <b>Proposed Update -</b>	 <b>\$ 3.34 /ft</b>

<b>Design Version</b> 0000146878	007	<b>Status</b> PLAN	12/07/2020
<b>Description</b>	CUSTOMER TRENCH 1/0 SERVICE 2021		
<b>Designer</b> WBH7455		<b>Service Type</b>	▼
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b>	<input checked="" type="checkbox"/>
<b>Rate Category</b>		<b>External Cross Reference</b>	0000146876007
<b>Estimated Cost</b>	\$ 548.45	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b>	<input checked="" type="checkbox"/>
<b>Quote Date</b>		<b>Retain Material Request</b>	<input type="checkbox"/>
<b>CU Category</b>		<b>Cost Class</b>	IPCO ▼
<b>Design Task Type</b>		<b>Crew Type</b>	▼
<b>Crew Size</b> 2		<b>Work Hours</b>	8.00
<b>Trip Time</b> 0.5		<b>Resource</b>	PERS ▼ TRAVELCE

**Underground Service Attachment Charge – Distance Charge**

Customer provided trench & conduit, 100 feet of 4/0 underground cable:

(2 Man crew & 0.5 hours of travel time)

Company Vehicles -	\$ 91.96
Labor Cost -	345.51
Material Cost - Service cable 4/0 (100 feet)	<u>163.46</u>
Sub Total	\$ 600.93
 Minus the cost of a 100 foot #2 triplex overhead service wire	 <u>\$ (214.11)</u>
 Total	 \$ 386.82
 <b>Proposed Update -</b>	 <b>\$ 3.87 /ft</b>

Design Version	0000146876	008	Status	PLAN	12/07/2020
Description	CUSTOMER TRENCH 4/0 SERVICE 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000146876008	
Estimated Cost		\$ 600.93	Transfer to Work Order		
Quote			Navigate to Work Order	<input checked="" type="checkbox"/>	
Quote Date			Retain Material Request	<input type="checkbox"/>	
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	2		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE

**Underground Service Attachment Charge – Distance Charge**

Customer provided trench & conduit, 100 feet of 350 underground cable:

(2 Man crew & 0.5 hours of travel time)

Company Vehicles -	\$ 105.08
Labor Cost -	386.16
Material Cost - Service cable 350 (100 feet)	242.00
<b>Sub Total</b>	<b>\$ 733.24</b>

Minus the cost of a 100 foot #2 triplex overhead service wire \$ (214.11)

**Total** **\$ 519.13**

**Proposed Update -** **\$ 5.19 /ft**

<b>Design Version</b> 0000146876	000	<b>Status</b> PLAN	12/07/2020
<b>Description</b> CUSTOMER TRENCH 350 SERVICE 2021			
<b>Designer</b> WBH7455		<b>Service Type</b> <input type="text"/>	
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b> <input checked="" type="checkbox"/>	
<b>Rate Category</b>		<b>External Cross Reference</b> 0000146876000	
<b>Estimated Cost</b>	\$ 733.24	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b> <input checked="" type="checkbox"/>	
<b>Quote Date</b>		<b>Retain Material Request</b> <input type="checkbox"/>	
<b>CU Category</b>		<b>Cost Class</b> IPCO	
<b>Design Task Type</b>		<b>Crew Type</b>	
<b>Crew Size</b> 2		<b>Work Hours</b> 8.00	
<b>Trip Time</b> 0.5		<b>Resource</b> PERS	TRAVELCE

## Rule H: Section 6 Other Charges

### b. Engineering Charge

2020 Wage Schedule - Senior Distribution Designer	\$ 49.71 /hour	
2020 Benefits (actual) 44.00%	21.87 /hour	
2020 General Overhead (effective in Nov) 14.50%	7.21 /hour	
<b>Total</b>	<b>\$ 78.79 /hour</b>	
<b>Proposed Update -</b>	<b>\$ 79.00 /hour</b>	

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

Company Vehicles -	\$ 26.28	
Labor Cost -	121.95	
Material Cost -		
100 ft #2 triplex, wedge clamps, nuts, bolts	106.53	
<b>Total</b>	<b>\$ 254.76</b>	
<b>Proposed Update -</b>	<b>\$ 255.00</b>	

Design Version	0000146878	011	Status	PLAN	12/07/2020
Description	OH SERVICE NON-RESIDENCE & TEMP OH 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000146876011	
Estimated Cost		\$ 254.76	Transfer to Work Order		
Quote			Navigate to Work Order	<input checked="" type="checkbox"/>	
Quote Date			Retain Material Request	<input type="checkbox"/>	
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	1		Work Hours	8.00	
Trip Time	0.5		Resource	PERS * TRAVELCE	

**g. Temporary Service Attachment Charge**

**i. Underground**

Company Vehicles -	\$ 5.26
Labor Cost -	56.91
Material Cost -	-
<b>Total</b>	<b>\$ 62.17</b>
<b>Proposed Update -</b>	<b>\$ 62.00</b>

<b>Design Version</b> 0000148876	010	<b>Status</b> PLAN	12/07/2020
<b>Description</b> TEMP UNDERGROUND 2021			
<b>Designer</b> WBH7455		<b>Service Type</b>	
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b> <input checked="" type="checkbox"/>	
<b>Rate Category</b>		<b>External Cross Reference</b> 0000148876010	
<b>Estimated Cost</b>	\$ 62.17	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b> <input checked="" type="checkbox"/>	
<b>Quote Date</b>		<b>Retain Material Request</b> <input type="checkbox"/>	
<b>CU Category</b>		<b>Cost Class</b> IPCO	
<b>Design Task Type</b>		<b>Crew Type</b>	
<b>Crew Size</b> 1		<b>Work Hours</b> 8.00	
<b>Trip Time</b> 0.5		<b>Resource</b> PERS	TRAVELCE



**g. Temporary Service Attachment Charge**

**ii. Overhead**

Company Vehicles -	\$ 26.28
Labor Cost -	121.95
Material Cost -	
100 ft #2 triplex, wedge clamps, nuts, bolts	106.53
<b>Total</b>	<b>\$ 254.76</b>
 <b>Proposed Update -</b>	 <b>\$ 255.00</b>

<b>Design Version</b> 0000146878	011	<b>Status</b> PLAN	12/07/2020
<b>Description</b> OH SERVICE NON-RESIDENCE & TEMP OH 2021			
<b>Designer</b> WBH7455		<b>Service Type</b>	▼
<b>Billing Template</b> ST	RULEH OR	<b>Salvage</b>	<input checked="" type="checkbox"/>
<b>Rate Category</b>		<b>External Cross Reference</b>	0000146878011
<b>Estimated Cost</b>	\$ 254.78	<b>Transfer to Work Order</b>	
<b>Quote</b>		<b>Navigate to Work Order</b>	<input checked="" type="checkbox"/>
<b>Quote Date</b>		<b>Retain Material Request</b>	<input type="checkbox"/>
<b>CU Category</b>		<b>Cost Class</b>	IPCO
<b>Design Task Type</b>	▼	<b>Crew Type</b>	▼
<b>Crew Size</b>	1	<b>Work Hours</b>	8.00
<b>Trip Time</b>	0.5	<b>Resource</b>	PERS ▼ TRAVELCE

h. Temporary Service (Overhead or Underground), Overhead Permanent and Customer Provided Trench Inspection Return Trip Charge

	Company Vehicles -	\$ 5.26
	Labor Cost -	56.91
Total		<u>\$ 62.17</u>
<b>Proposed Update -</b>		<b>\$ 62.00</b>

<b>Design Version</b>	0000146876	012	<b>Status</b>	PLAN	12/07/2020
<b>Description</b>	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH INSP 2021				
<b>Designer</b>	WBH7455		<b>Service Type</b>		
<b>Billing Template</b>	ST	RULEH OR	<b>Salvage</b>	<input checked="" type="checkbox"/>	
<b>Rate Category</b>			<b>External Cross Reference</b>	0000146876012	
<b>Estimated Cost</b>		\$ 62.17	<b>Transfer to Work Order</b>		
<b>Quote</b>			<b>Navigate to Work Order</b>	<input checked="" type="checkbox"/>	
<b>Quote Date</b>			<b>Retain Material Request</b>	<input type="checkbox"/>	
<b>CU Category</b>			<b>Cost Class</b>	IPCO	
<b>Design Task Type</b>			<b>Crew Type</b>		
<b>Crew Size</b>	1		<b>Work Hours</b>	8.00	
<b>Trip Time</b>	0.5		<b>Resource</b>	PERS	TRAVELCE

j. Underground Service Return Trip Charge

	Company Vehicles -	\$ 5.26
	Labor Cost -	97.56
Total		<u>\$ 102.82</u>
<b>Proposed Update -</b>		<b>\$ 103.00</b>

<b>Design Version</b>	0000148878	013	<b>Status</b>	PLAN	12/07/2020
<b>Description</b>	UNDERGROUND RETURN TRIP 2021				
<b>Designer</b>	WBH7455		<b>Service Type</b>	▼	
<b>Billing Template</b>	ST	RULEH OR	<b>Salvage</b>	<input checked="" type="checkbox"/>	
<b>Rate Category</b>			<b>External Cross Reference</b>	0000148878013	
<b>Estimated Cost</b>		\$ 102.82	<b>Transfer to Work Order</b>		
<b>Quote</b>	_____				
<b>Quote Date</b>	_____				
<b>CU Category</b>	_____				
<b>Design Task Type</b>	_____				
<b>Crew Size</b>	2				
<b>Trip Time</b>	0.5				
			<b>Cost Class</b>	IPCO ▼	
			<b>Crew Type</b>	_____ ▼	
			<b>Work Hours</b>	8.00	
			<b>Resource</b>	PERS ▼	TRAVELCE

## 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 -		\$ 154.96
Labor Cost -		677.34
Material Cost -		
Wedge stirrup hot tap	35.31	
Switch arm	37.68	
Switch	127.95	
25 kVA transformer	1,053.92	
Transformer bussing	25.53	
Service wire - 125 feet	124.42	
Ground rod	19.78	
Neutral wedge connector	5.42	
	\$ 1,430.01	
<b>Total Materials</b>		<b>\$ 1,430.01</b>
<b>Total</b>		<b>\$ 2,262.31</b>
<b>Proposed Update -</b>		<b>\$ 2,262.00</b>

Design Version	0000146878	014	Status	PLAN	12/07/2020
Description	SINGLE PHASE ALLOWANCE 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000146878014	
Estimated Cost	\$ 2,262.31		Transfer to Work Order		
Quote			Navigate to Work Order	<input checked="" type="checkbox"/>	
Quote Date			Retain Material Request	<input type="checkbox"/>	
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	5		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE

Three Phase Allowance:

Company Vehicles -		\$ 429.66
Labor Cost -		1,730.57
Material Cost -		
Wedge stirrup hot tap (3)	105.94	
Switch arm	175.24	
Switch (3)	348.99	
Transformer mount	291.57	
15 kVA transformer (3)	2,164.23	
Transformer bussing	60.78	
Service wire - 125 feet	152.86	
Ground rod	19.78	
Neutral wedge connector	5.42	
	<u>\$3,324.81</u>	
<b>Total Materials</b>		<u><u>\$ 3,324.81</u></u>
<b>Total</b>		<b>\$ 5,485.04</b>
<b>Proposed Update -</b>		<b>\$ 5,485.00</b>

Design Version	0000146876	015	Status	PLAN	12/07/2020
Description	THREE PHASE ALLOWANCE 2021				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000146876015	
Estimated Cost		\$ 5,485.04	Transfer to Work Order		
Quote			Navigate to Work Order	<input checked="" type="checkbox"/>	
Quote Date			Retain Material Request	<input type="checkbox"/>	
CU Category			Cost Class	IPCO	
Design Task Type			Crew Type		
Crew Size	5		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE

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:

underground	\$ 23.00	
overhead including 2" riser	\$638.00	(I)
overhead including 3" riser	\$801.00	(R)

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 9.74	(I)
4/0 underground cable	\$ 10.26	
350 underground cable	\$ 12.43	(I)

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 3.34	(R)
4/0 underground cable	\$ 3.87	(R)
350 underground cable	\$ 5.19	(R)

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

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:

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 \$79.00 per hour.

(l)

RULE H  
NEW SERVICE ATTACHMENTS AND  
DISTRIBUTION LINE INSTALLATIONS  
OR ALTERATIONS

(Continued)

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 (Schedules 1 and 5) for purposes other than serving a Residence will pay a service connection charge of \$255.00. This charge only applies to non-residences (shop, garage, etc) where there is an existing overhead transformer within 100' of the non-residence structure. (l)

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 - \$62.00 (l)

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

ii. Overhead - \$255.00 (l)

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), Overhead Permanent, and Customer Provided Trench Inspection Return Trip Charge. A Return Trip Charge of \$62.00 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. (l)



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

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 \$103.00 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. (I)

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

<u>Class of Service</u>	<u>Maximum Allowance per Service</u>	
Residential:		
Schedules 1, 5	\$2,262.00	(I)
Non-residence	Cost of new meter only	
Non-residential:		
Schedules 7, 9, 24		
Single Phase	\$2,262.00	(I)
Three Phase	\$5,485.00	(I)

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

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 \$2,262.00 allowance for each single phase transformer installed within a development and a \$5,485.00 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. (I)  
(I)

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.