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December 27, 2018

Public Utility Commission of Oregon
Filing Center
201 High Street SE, Suite 100
P.O. Box 1088
Salem, Oregon 97301

Re: Tariff Advice No. 19-14
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 28, 2018 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:

Eleventh Revised Sheet No. H-5	Cancelling	Tenth Revised Sheet No. H-5
Twelfth Revised Sheet No. H-7	Cancelling	Eleventh Revised Sheet No. H-7
Twelfth Revised Sheet No. H-8	Cancelling	Eleventh Revised Sheet No. H-8
Eleventh Revised Sheet No. H-9	Cancelling	Tenth 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 the 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, vehicle, and material costs. However, the decrease in the general overhead rate from 12.00 percent to 10.25 percent partially offset the increases in the charges. The Single Phase allowance, provided to customers as an offset to their upfront

cost responsibility, decreased by three percent, and the Three Phase allowance increased by one percent.

More details on the primary drivers of the changes are provided below:

Material Costs

Overall, the cost of material has increased slightly. The cost of the 1/0 conductor increased by approximately two percent, and the cost of the 4/0 and 350 conductor increased by less than one percent. Some of the other material costs also increased slightly.

Labor Costs

The construction labor rate increased from \$66.00 to \$68.00, which contributed to increases in the charges. Additionally, the Engineering Charge remained unchanged; the three percent increase in the labor rate for the Company's Distribution Designers was offset by the decrease in the benefits loading rate and the general overhead rate used to calculate the charge. The proposed Engineering Charge remained at \$74.00 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 increased from \$50.99 to \$55.97. The hourly cost of the vehicles increased due to an increase in the total operating expenses coupled with an increase in depreciation expense of these vehicle types. Because the vehicle costs constitute approximately 13 percent of the total costs associated with the Rule H charges, the increased vehicle rate results in a slight increase of the charges.

Single Phase and Three Phase Allowances

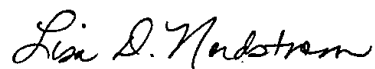
The allowances are provided as a credit to offset a portion of the upfront cost of distribution line installations paid for by customers pursuant to Rule H. The proposed updates to Company-funded allowance amounts decreased slightly for the Single Phase allowance and increased slightly for the Three Phase allowance. The Single Phase allowance decrease was primarily driven by the decreased cost of transformers coupled with the decrease in the general overhead rate, partially offset by the increase in labor and vehicle expenses. The Three Phase allowance increase was primarily driven by increases in labor and vehicle expenses, partially offset by the decrease in the general overhead rate. The Company proposes to decrease the Single Phase allowance from \$2,301 to \$2,231, or three percent, and increase the Three Phase allowance from \$5,354 to \$5,396, or one percent.

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Idaho Power respectfully requests that the proposed updates are approved by February 25, 2020, and become effective March 15, 2020. 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 Grant Anderson at 388-6498 or ganderson@idahopower.com.

Sincerely,



Lisa D. Nordstrom

LDN:kkt

Enclosures

Oregon Summary of Changes

	Existing		Proposed		Difference	
	2019	2020	2020	2020	\$	%
Underground Service Attachment Charges						
(Rule H Section 4.b.i)						
<u>Base Charge</u>						
Underground	\$ 22.00	\$ 23.00	\$ 23.00	\$ 23.00	\$ 1.00	5%
2" riser	\$ 570.00	\$ 583.00	\$ 583.00	\$ 583.00	\$ 13.00	2%
3" riser	\$ 827.00	\$ 845.00	\$ 845.00	\$ 845.00	\$ 18.00	2%
<u>Distance Charge (per foot)</u>						
Company Installed						
1/0	\$ 9.25	\$ 9.68	\$ 9.68	\$ 9.68	\$ 0.43	5%
4/0	\$ 9.88	\$ 10.26	\$ 10.26	\$ 10.26	\$ 0.38	4%
350	\$ 11.98	\$ 12.35	\$ 12.35	\$ 12.35	\$ 0.37	3%
Customer Provided Trench & Conduit						
1/0	\$ 3.26	\$ 3.36	\$ 3.36	\$ 3.36	\$ 0.10	3%
4/0	\$ 3.88	\$ 3.94	\$ 3.94	\$ 3.94	\$ 0.06	2%
350	\$ 5.24	\$ 5.23	\$ 5.23	\$ 5.23	\$ (0.01)	(0%)
Other Charges						
(Rule H Section 6)						
Engineering Charge	\$ 74.00	\$ 74.00	\$ 74.00	\$ 74.00	\$ -	0%
Overhead Service Attachment Charge for Non-Residen	\$ 236.00	\$ 237.00	\$ 237.00	\$ 237.00	\$ 1.00	0%
Temporary Service Attachment Charge						
Underground	\$ 57.00	\$ 59.00	\$ 59.00	\$ 59.00	\$ 2.00	4%
Overhead	\$ 236.00	\$ 237.00	\$ 237.00	\$ 237.00	\$ 1.00	0%
Temporary Service (Overhead or Underground), Overhead Permanent, and Customer Provided						
Trench Inspection Return Trip Charge	\$ 57.00	\$ 59.00	\$ 59.00	\$ 59.00	\$ 2.00	4%
Underground Service Return Trip Charge	\$ 94.00	\$ 96.00	\$ 96.00	\$ 96.00	\$ 2.00	2%
Line Installation and Service Attachment Allowances						
(Rule H Section 7.a)						
Residential						
Schedule 1	\$ 2,301.00	\$ 2,231.00	\$ 2,231.00	\$ 2,231.00	\$ (70.00)	(3%)
Schedules 7, 9, 24						
Single Phase	\$ 2,301.00	\$ 2,231.00	\$ 2,231.00	\$ 2,231.00	\$ (70.00)	(3%)
Three Phase	\$ 5,354.00	\$ 5,396.00	\$ 5,396.00	\$ 5,396.00	\$ 42.00	1%
General Overheads	12.00%	10.25%	10.25%	10.25%		

Oregon

Rule H: New Service Attachments and Distribution Line Installations or Alterations 2020 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 139760

Design	0000139760	<input type="button" value="Design Search"/>		Status	PLAN	12/04/2019
Facility	EDS					
Description	RULE H OREGON 2020					
Client/Act						
Location	WOR	AROCK		AROCK		
Designer	MAP0957			Design Type	45	
Reqd In Svc				Service Type		
Service Rqst				Request Type		
Billing Rate	<input checked="" type="checkbox"/>			External Design Required	<input type="checkbox"/>	
Billing Template	ST	RULEH OR		Capital Project	<input checked="" type="checkbox"/>	
Rate Category				Project		
Planning Center				Email		

Version	Description	Estimated Cost
1	BASE CHARGE UG SERVICE 2020	\$ 22.75
2	2" POLE RISER 2020	\$ 582.76
3	3" POLE RISER 2020	\$ 845.13
4	IPCO TRENCH 1/0 SERVICE 2020	\$ 1,168.05
5	IPCO TRENCH 4/0 SERVICE 2020	\$ 1,225.91
6	IPCO TRENCH 350 SERVICE 2020	\$ 1,434.81
7	CUSTOMER TRENCH 1/0 SERVICE 2020	\$ 536.06
8	CUSTOMER TRENCH 4/0 SERVICE 2020	\$ 593.92
9	CUSTOMER TRENCH 350 SERVICE 2020	\$ 722.32
10	TEMP UNDERGROUND 2020	\$ 58.66
11	OH SERVICE NON-RESIDENCE & TEMP OH 2020	\$ 237.16
12	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH 2020	\$ 58.66
13	UNDERGROUND RETURN TRIP 2020	\$ 96.14
14	SINGLE PHASE ALLOWANCE 2020	\$ 2,230.65
15	THREE PHASE ALLOWANCE 2020	\$ 5,396.30

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

Underground Service Attachment Charge – Base Charge
From Underground:

Company Vehicles -	\$	6.18
Labor Cost -		14.99
Material Cost - Cable tag & tie		1.58
Total	\$	22.75
 Proposed Update -		 \$ 23.00

Design Version	0000139760	001	Status	PLAN	12/04/2019
Description	BASE CHARGE UG SERVICE 2020				
Designer	MAP0957	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 22.75				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	2				
Trip Time	<input type="text"/>				
Starting Point	0001				
External Cross Reference	0000139760001				
Transfer to Work Order	<input type="text"/>				
Navigate to Work Order	<input checked="" type="checkbox"/>				
Retain Material Request	<input type="text"/>				
Cost Class	IPCO				
Crew Type	<input type="text"/>				
Work Hours	8.00				
Resource	PERS TRAVELCE				

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

Company Vehicles -	\$ 83.30
Labor Cost -	197.17
2” PVC conduit, 2” metal conduit	
35 feet of 1/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	<u>302.29</u>
Total	<u>\$ 582.76</u>
Proposed Update -	\$ 583.00

Design Version	0000139760	002	Status	PLAN	12/04/2019
Description	2" POLE RISER 2020				
Designer	MAP0957	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000139760002	
Estimated Cost	\$ 582.76		Transfer to Work Order	<input type="text"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>	<input type="text"/>	Cost Class	IPCO	
Design Task Type	<input type="text"/>		Crew Type	<input type="text"/>	
Crew Size	2		Work Hours	8.00	
Trip Time	<input type="text"/>				
Starting Point	0001		Resource	PERS	TRAVELCE

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

Company Vehicles -	\$ 99.12
Labor Cost -	235.41
3” PVC conduit, 3” metal conduit	
35 feet of 4/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	<u>510.60</u>
Total	\$ 845.13
Proposed Update -	\$ 845.00

Design Version	0000139760	003	Status	PLAN	12/04/2019
Description	3" POLE RISER 2020				
Designer	MAP0957	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 845.13				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	2				
Trip Time	<input type="text"/>				
Starting Point	0001				
External Cross Reference	0000139760003				
Transfer to Work Order	<input type="text"/>				
Navigate to Work Order	<input checked="" type="checkbox"/>				
Retain Material Request	<input type="text"/>				
Cost Class	IPCO				
Crew Type	<input type="text"/>				
Work Hours	8.00				
Resource	PERS <input type="text"/> 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 -	\$ 151.18
Labor Cost -	521.04
Service trench & backfill 30" depth (100 feet)	
Service cable 1/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	192.64
Trench Cost -	303.19
Sub Total	\$ 1,168.05

Minus the cost of a 100 foot #2 triplex overhead service wire \$ (199.67)

Total \$ 968.38

Proposed Update - \$ 9.68 /ft

Design Version	0000139760	004	Status	PLAN	12/04/2019
Description	IPCO TRENCH 1/0 SERVICE 2020				
Designer	MAP0957	Service Type			
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000139760004		
Estimated Cost	\$ 1,168.05				
Quote					
Quote Date					
CU Category		Cost Class	IPCO		
Design Task Type		Crew Type			
Crew Size	5	Work Hours	8.00		
Trip Time	0.5	Resource	PERS	TRAVELCE	
Starting Point	0001				

Overhead service credit used in all underground service attachment charges
 100 Feet Of Service Wire

Company Vehicles -	\$ 30.86
Labor Cost -	112.46
Minus Travel	(37.49)
Material Cost -	93.84
Total	\$ 199.67

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

Company Vehicles -	\$ 151.18
Labor Cost -	521.04
Service trench & backfill 30" depth (100 feet)	
Service cable 4/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	250.50
Trench Cost -	303.19
Sub Total	\$ 1,225.91
Minus the cost of a 100 foot #2 triplex overhead service wire	\$ (199.67)
Total	\$ 1,026.24
Proposed Update -	\$ 10.26 /ft

Design Version	0000139760	005	Status	PLAN	12/04/2019
Description	IPCO TRENCH 4/0 SERVICE 2020				
Designer	MAP0957		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000139760005	
Estimated Cost	\$ 1,225.91		Transfer to Work Order	<input type="text"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>		Retain Material Request	<input type="checkbox"/>	
Design Task Type	<input type="text"/>		Cost Class	IPCO	
Crew Size	5		Crew Type	<input type="text"/>	
Trip Time	0.5		Work Hours	8.00	
Starting Point	0001		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)

Company Vehicles -	\$ 166.62
Labor Cost -	558.53
Service trench & backfill 30" depth (100 feet)	
Service cable 350 (100 feet)	
3" conduit (100 feet)	
3" conduit 90 degree bend	
Material Cost -	406.47
Trench Cost -	303.19
Sub Total	<u>\$ 1,434.81</u>
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (199.67)</u>
Total	\$ 1,235.14
Proposed Update -	\$ 12.35 /ft

Design Version	0000139760	006	Status	PLAN	12/04/2019
Description	IPCO TRENCH 350 SERVICE 2020				
Designer	MAP0957	Service Type	▼		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000139760006	
Estimated Cost	\$ 1,434.81		Transfer to Work Order	□	
Quote	□				
Quote Date	□				
CU Category	□		Retain Material Request	☰	
Design Task Type	▼		Cost Class	IPCO ▼	
Crew Size	5		Crew Type	▼	
Trip Time	0.5		Work Hours	8.00	
Starting Point	0001		Resource	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 -	\$ 107.98
Labor Cost -	318.62
Material Cost - Service cable 1/0 (100 feet)	109.46
Sub Total	<u>\$ 536.06</u>
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (199.67)</u>
Total	\$ 336.39
Proposed Update -	\$ 3.36 /ft

Design Version	0000139760	007	Status	PLAN	12/04/2019
Description	CUSTOMER TRENCH 1/0 SERVICE 2020				
Designer	MAP0957	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000139760007	
Estimated Cost	\$ 536.06		Transfer to Work Order	<input type="text"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>	<input type="text"/>	Cost Class	IPCO	
Design Task Type	<input type="text"/>		Crew Type	<input type="text"/>	
Crew Size	2		Work Hours	8.00	
Trip Time	0.5		Resource	PERS	TRAVELCE
Starting Point	0001				

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 -	\$ 107.98
Labor Cost -	318.62
Material Cost - Service cable 4/0 (100 feet)	167.32
Sub Total	<u>\$ 593.92</u>
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (199.67)</u>
Total	\$ 394.25
Proposed Update -	\$ 3.94 /ft

Design Version	0000139760	008	Status	PLAN	12/04/2019
Description	CUSTOMER TRENCH 4/0 SERVICE 2020				
Designer	MAP0957	Service Type	▼		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	External Cross Reference 0000139760008				
Estimated Cost	\$ 593.92				
Quote	Transfer to Work Order				
Quote Date	Navigate to Work Order <input checked="" type="checkbox"/>				
CU Category	Retain Material Request <input type="checkbox"/>				
Design Task Type	Cost Class IPCO ▼				
Crew Size	2	Crew Type ▼			
Trip Time	0.5	Work Hours 8.00			
Starting Point	0001	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 -	\$ 123.42
Labor Cost -	356.11
Material Cost - Service cable 350 (100 feet)	242.79
Sub Total	\$ 722.32

Minus the cost of a 100 foot #2 triplex overhead service wire **\$ (199.67)**

Total **\$ 522.65**

Proposed Update - **\$ 5.23 /ft**

Design Version	0000139760	009	Status	PLAN	12/04/2019
Description	CUSTOMER TRENCH 350 SERVICE 2020				
Designer	MAP0957		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000139760009	
Estimated Cost	\$ 722.32		Transfer to Work Order	□	
Quote	□				
Quote Date	□				
CU Category	□		Cost Class	IPCO ▼	
Design Task Type	▼		Crew Type	▼	
Crew Size	2		Work Hours	8.00	
Trip Time	0.5		Resource	PERS ▼	TRAVELCE
Starting Point	0001				

Rule H: Section 6 Other Charges

b. Engineering Charge

2019 Wage Schedule - Senior Distribution Designer		\$ 48.38 /hour
2019 Benefits (actual) 42.23%		20.43 /hour
2019 General Overhead (effective in Nov) 10.25%		4.96 /hour
Total		\$ 73.77 /hour

Proposed Update - \$ 74.00 /hour

d. Overhead Service Attachment Charge for Non-Residence

Company Vehicles -		\$ 30.86
Labor Cost -		112.46
Material Cost -		
100 ft #2 triplex, wedge clamps, nuts, bolts		93.84
Total		\$ 237.16

Proposed Update - \$ 237.00

Design Version	0000139760	011	Status	PLAN	12/04/2019
Description	OH SERVICE NON-RESIDENCE & TEMP OH 2020				
Designer	MAP0957		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000139760011	
Estimated Cost	\$ 237.16		Transfer to Work Order	□	
Quote	□				
Quote Date	□				
CU Category	□	□	Cost Class	IPCO ▼	
Design Task Type	▼		Crew Type	▼	
Crew Size	1		Work Hours	8.00	
Trip Time	0.5		Resource	PERS ▼	TRAVELCE
Starting Point	0001				

g. Temporary Service Attachment Charge

i. Underground

Company Vehicles -	\$ 6.18
Labor Cost -	52.48
Material Cost -	-
Total	\$ 58.66
 Proposed Update -	 \$ 59.00

Design Version	0000139760	010	Status	PLAN	12/04/2019
Description	TEMP UNDERGROUND 2020				
Designer	MAP0957	Service Type	▼		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000139760010	
Estimated Cost	\$ 58.66		Transfer to Work Order	□	
Quote	□				
Quote Date	□				
CU Category	□	□	Cost Class	IPCO ▼	
Design Task Type	▼		Crew Type	▼	
Crew Size	1		Work Hours	8.00	
Trip Time	0.5		Resource	PERS ▼	TRAVELCE
Starting Point	0001				

g. Temporary Service Attachment Charge

ii. Overhead

Company Vehicles -	\$ 30.86
Labor Cost -	112.46
Material Cost -	
100 ft #2 triplex, wedge clamps, nuts, bolts	93.84
Total	\$ 237.16
Proposed Update -	\$ 237.00

Design Version	0000139760	011	Status	PLAN	12/04/2019
Description	OH SERVICE NON-RESIDENCE & TEMP OH 2020				
Designer	MAP0957	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 237.16				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>	<input type="text"/>	External Cross Reference	0000139760011	
Design Task Type	<input type="text"/>	Transfer to Work Order	<input type="text"/>		
Crew Size	1	Navigate to Work Order	<input checked="" type="checkbox"/>		
Trip Time	0.5	Retain Material Request	<input type="text"/>		
Starting Point	0001	Cost Class	IPCO	Crew Type	<input type="text"/>
		Work Hours	8.00	Resource	PERS <input type="text"/> TRAVELCE

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

	Company Vehicles -	\$ 6.18
	Labor Cost -	52.48
Total		<u>\$ 58.66</u>
Proposed Update -		\$ 59.00

Design Version	0000139760	012	Status	PLAN	12/04/2019
Description	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH INSP 2020				
Designer	MAP0957		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 58.66				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	1				
Trip Time	0.5				
Starting Point	0001				
			External Cross Reference	0000139760012	
			Transfer to Work Order	<input type="text"/>	
			Navigate to Work Order	<input checked="" type="checkbox"/>	
			Retain Material Request	<input type="text"/>	
			Cost Class	IPCO	
			Crew Type	<input type="text"/>	
			Work Hours	8.00	
			Resource	PERS	TRAVELCE

j. Underground Service Return Trip Charge

	Company Vehicles -	\$ 6.18
	Labor Cost -	89.96
Total		\$ 96.14
Proposed Update -		\$ 96.00

Design Version	0000139760	013	Status	PLAN	12/04/2019
Description	UNDERGROUND RETURN TRIP 2020				
Designer	MAP0957		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000139760013	
Estimated Cost	\$ 96.14		Transfer to Work Order	<input type="text"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>	<input type="text"/>	Retain Material Request	<input type="checkbox"/>	
Design Task Type	<input type="text"/>		Cost Class	IPCO	
Crew Size	2		Crew Type	<input type="text"/>	
Trip Time	0.5		Work Hours	8.00	
Starting Point	0001		Resource	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 -		\$ 182.02
Labor Cost -		624.63
Material Cost -		
Wedge stirrup hot tap	33.24	
Switch arm	35.85	
Switch	123.68	
25 kVA transformer	1,073.64	
Transformer bussing	25.20	
Service wire - 125 feet	109.08	
Ground rod	18.17	
Neutral wedge connector	5.14	
	<u>\$ 1,424.00</u>	
Total Materials		\$ 1,424.00
Total		\$ 2,230.65
Proposed Update -		\$ 2,231.00

Design Version	0000139760	014	Status	PLAN	12/04/2019
Description	SINGLE PHASE ALLOWANCE 2020				
Designer	MAP0957		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000139760014	
Estimated Cost	\$ 2,230.65		Transfer to Work Order	<input type="text"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>	<input type="text"/>	Retain Material Request	<input type="checkbox"/>	
Design Task Type	<input type="text"/>		Cost Class	IPCO	
Crew Size	5		Crew Type	<input type="text"/>	
Trip Time	0.5		Work Hours	8.00	
Starting Point	0001		Resource	PERS	TRAVELCE

Three Phase Allowance:

Company Vehicles - \$ 504.58
 Labor Cost - 1,595.92

Material Cost - Wedge stirrup hot tap (3) 99.73
 Switch arm 273.43
 Switch (3) 335.42
 Transformer mount 164.66
 15 kVA transformer (3) 2,187.79
 Transformer bussing 60.34
 Service wire - 125 feet 151.12
 Ground rod 18.17
 Neutral wedge connector 5.14

\$3,295.80

Total Materials \$ 3,295.80

Total \$ 5,396.30

Proposed Update - \$ 5,396.00

Design Version	0000139760	015	Status	PLAN	12/04/2019
Description	THREE PHASE ALLOWANCE 2020				
Designer	MAP0957		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category					
Estimated Cost	\$ 5,396.30				
Quote					
Quote Date					
CU Category					
Design Task Type					
Crew Size	5				
Trip Time	0.5				
Starting Point	0001				
			External Cross Reference	0000139760015	
			Transfer to Work Order		
			Navigate to Work Order	<input checked="" type="checkbox"/>	
			Retain Material Request	<input type="checkbox"/>	
			Cost Class	IPCO	
			Crew Type		
			Work Hours	8.00	
			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	(I)
overhead including 2" riser	\$583.00	(I)
overhead including 3" riser	\$845.00	(I)

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 9.68	(I)
4/0 underground cable	\$ 10.26	(I)
350 underground cable	\$ 12.35	(I)

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 3.36	(I)
4/0 underground cable	\$ 3.94	(I)
350 underground cable	\$ 5.23	(R)

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 \$237.00. 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 - \$59.00 (l)
 The Customer-provided pole must be set within two linear feet of the Company's existing transformer or junction box.
 - ii. Overhead - \$237.00 (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 \$59.00 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 \$96.00 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	\$2,231.00	(R)
Non-residence	Cost of new meter only	
Non-residential:		
Schedules 7, 9, 24		
Single Phase	\$2,231.00	(R)
Three Phase	\$5,396.00	(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 \$2,231.00 allowance for each single phase transformer installed within a development and a \$5,396.00 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. (R)
(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.