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December 28, 2021

VIA ELECTRONIC FILING

PUC.FilingCenter@state.or.us

Re: Tariff Advice No. 21-13
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 30, 2020, 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:

Thirteenth Revised Sheet No. H-5	Cancelling	Twelfth Revised Sheet No. H-5
Eleventh Revised Sheet No. H-6	Cancelling	Tenth Revised Sheet No. H-6
Fourteenth Revised Sheet No. H-7	Cancelling	Thirteenth Revised Sheet No. H-7
Fourteenth Revised Sheet No. H-8	Cancelling	Thirteenth Revised Sheet No. H-8
Thirteenth Revised Sheet No. H-9	Cancelling	Twelfth 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 attachments to this advice filing; the charges are presented comparatively to the prior year’s filing and are also broken out by the cost of materials, labor, Company vehicles/equipment, and trench, where applicable.

Overall, the proposed Rule H charges increased, primarily driven by increases in material, labor and trench costs. However, the decrease in the general overhead rate from 14.50 percent to 13.75 percent partially offset these increased costs. Single Phase and Three Phase allowances, provided to customers as an offset to their upfront cost responsibility, increased by nine percent and eleven percent, respectively.

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

Material Costs

As a result of limited supply, higher demand, and increased production and transportation costs, the material cost component of the Underground Service Attachment Base Charge for 2- and 3-inch risers increased by approximately twenty-five and twenty-nine percent, respectively. Similarly, the cost of materials included within the Underground Service Attachment Distance Charge for Company Installed 1/0, 4/0 or 350 underground cable increased by sixty-one percent, fifty-five percent and fifty-four percent, respectively; the cost of 1/0, 4/0 and 350 conductor increased by approximately 12 percent, 18 percent and 24 percent, respectively. The majority of other material costs also increased.

Labor Costs

The construction labor rate (the labor rate used to develop the charges and credits) increased from \$71.00 to \$75.00. Additionally, the Engineering Charge increased by approximately four percent; the three percent increase in the labor rate for the Company's Distribution Designers and two percent increase in the benefits loading rate were partially offset by the decrease in the general overhead rate used to calculate the Engineering Charge. The proposed Engineering Charge increased from \$79.00 to \$82.00 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 \$45.89 to \$46.39.

Trench Costs

Trench costs are included in the Underground Service Attachment Distance Charge for Company Installed 1/0, 4/0 and 350 underground cable. As accepted by the Oregon Public Utilities Commission on March 12, 2019, under Tariff Advice No. 18-13, the Company utilizes a blended rate methodology to calculate the average per foot cost of trench work performed by the Company and third-party contractors. While the trenching cost component of the Underground Service Attachment Distance Charge for Company Installed 1/0, 4/0 and 350 underground cable has increased sixty-two percent, it is important to note that less than one percent of customers chose to have the Company install trench and conduit for underground service attachments in 2021.


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 for both the Single Phase and Three Phase allowances, largely driven by the increased costs of transformers and labor which were partially offset by the decrease in the general overhead rate. The Company proposes to increase the Single Phase allowance from \$2,262 to \$2,455, and increase the Three Phase allowance from \$5,485 to \$6,109.

Idaho Power respectfully requests that the proposed updates are approved by February 22, 2022, and become effective March 15, 2022. 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.

Sincerely,



Connie Aschenbrenner
Rate Design Senior Manager

CA:sg
Enclosures

Oregon Summary of Changes

	Existing 2021	Proposed 2022	Difference	
			\$	%
Underground Service Attachment Charges				
(Rule H Section 4.b.i)				
<u>Base Charge</u>				
Underground	\$ 23.00	\$ 24.00	\$ 1.00	4%
2" riser	\$ 638.00	\$ 735.00	\$ 97.00	15%
3" riser	\$ 801.00	\$ 942.00	\$ 141.00	18%
<u>Distance Charge (per foot)</u>				
Company Installed				
1/0	\$ 9.74	\$ 12.91	\$ 3.17	33%
4/0	\$ 10.26	\$ 13.59	\$ 3.33	32%
350	\$ 12.43	\$ 16.62	\$ 4.19	34%
Customer Provided Trench & Conduit				
1/0	\$ 3.34	\$ 3.54	\$ 0.20	6%
4/0	\$ 3.87	\$ 4.22	\$ 0.35	9%
350	\$ 5.19	\$ 5.84	\$ 0.65	13%
Other Charges				
(Rule H Section 6)				
Engineering Charge	\$ 79.00	\$ 82.00	\$ 3.00	4%
Overhead Service Attachment Charge for Non-Residence	\$ 255.00	\$ 267.00	\$ 12.00	5%
Temporary Service Attachment Charge				
Underground	\$ 62.00	\$ 65.00	\$ 3.00	5%
Overhead	\$ 255.00	\$ 267.00	\$ 12.00	5%
Temporary Service (Overhead or Underground), Overhead Permanent, and Customer Provided				
Trench Inspection Return Trip Charge	\$ 62.00	\$ 65.00	\$ 3.00	5%
Underground Service Return Trip Charge	\$ 103.00	\$ 108.00	\$ 5.00	5%
Line Installation and Service Attachment Allowances				
(Rule H Section 7.a)				
Residential				
Schedules 1, 5	\$ 2,262.00	\$ 2,455.00	\$ 193.00	9%
Schedules 7, 9, 24				
Single Phase	\$ 2,262.00	\$ 2,455.00	\$ 193.00	9%
Three Phase	\$ 5,485.00	\$ 6,109.00	\$ 624.00	11%
General Overheads	14.50%	13.75%		

Oregon

Rule H: New Service Attachments and Distribution Line Installations or Alterations 2022 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 154468

Design	0000154468	Design Search		Status	PLAN	12/01/2021
Facility	EDS					
Description	RULE H OREGON 2022					
Client/Act						
Location	WOR	AROCK		AROCK		
Designer	WBH7455			Design Type	45	
Reqd In Srv				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"/>	

Version	Description	Estimated Cost
1	BASE CHARGE UG SERVICE 2022	\$ 24.10
2	2" POLE RISER 2022	\$ 734.56
3	3" POLE RISER 2022	\$ 941.98
4	IPCO TRENCH 1/0 SERVICE 2022	\$ 1,515.51
5	IPCO TRENCH 4/0 SERVICE 2022	\$ 1,583.88
6	IPCO TRENCH 350 SERVICE 2022	\$ 1,886.81
7	CUSTOMER TRENCH 1/0 SERVICE 2022	\$ 578.21
8	CUSTOMER TRENCH 4/0 SERVICE 2022	\$ 646.58
9	CUSTOMER TRENCH 350 SERVICE 2022	\$ 808.43
10	TEMP UNDERGROUND 2022	\$ 65.00
11	OH SERVICE NON-RESIDENCE & TEMP OH 2022	\$ 267.09
12	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH 2022	\$ 65.00
13	UNDERGROUND RETURN TRIP 2022	\$ 107.65
14	SINGLE PHASE ALLOWANCE 2022	\$ 2,454.95
15	THREE PHASE ALLOWANCE 2022	\$ 6,109.39

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

Underground Service Attachment Charge – Base Charge
From Underground:

Company Vehicles -	\$	5.28
Labor Cost -		17.06
Material Cost - Cable tag & tie		1.76
Total	\$	24.10
 Proposed Update -		 \$ 24.00

Design Version	0000154468	001	Status	PLAN	12/01/2021
Description	BASE CHARGE UG SERVICE 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000154468001	
Estimated Cost	\$ 24.10		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"/>		Resource	PERS	TRAVELCE

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

Company Vehicles -	\$ 71.24
Labor Cost -	224.38
2” PVC conduit, 2” fiberglass conduit	
35 feet of 1/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	438.94
Total	<u>\$ 734.56</u>
Proposed Update -	\$ 735.00

Design Version	0000154468	002	Status	PLAN	12/01/2021
Description	2" POLE RISER 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 734.56				
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"/>				
External Cross Reference	0000154468002				
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 – Base Charge From Overhead 3” Riser

Company Vehicles -	\$ 84.74
Labor Cost -	267.88
3” PVC conduit, 3” fiberglass conduit	
35 feet of 4/0 triplex cable for service	
nuts, bolts, brackets and washers	
Material Cost -	589.36
Total	<u>\$ 941.98</u>
Proposed Update -	\$ 942.00

Design Version	0000154468	003	Status	PLAN	12/01/2021
Description	3" POLE RISER 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 941.98				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	2	External Cross Reference	0000154468003		
Trip Time	<input type="text"/>	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 – Distance Charge
Company Installed, 100 feet of 1/0 underground cable:
 (5 Man crew & 0.5 hours of travel time)

Company Vehicles -	\$ 129.28
Labor Cost -	592.92
Service trench & backfill 30" depth (100 feet)	
Service cable 1/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	346.27
Trench Cost -	447.04
Sub Total	\$ 1,515.51
Minus the cost of a 100 foot #2 triplex overhead service wire	\$ (224.43)
Total	\$ 1,291.08
Proposed Update -	\$ 12.91 /ft

Design Version	0000154468	004	Status	PLAN	12/01/2021
Description	IPCO TRENCH 1/0 SERVICE 2022				
Designer	WBH7455	Service Type			
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000154468004		
Estimated Cost	\$ 1,515.51				
Quote					
Quote Date					
CU Category		Retain Material Request	<input type="checkbox"/>		
Design Task Type		Cost Class	IPCO		
Crew Size	5	Crew Type			
Trip Time	0.5	Work Hours	8.00		
		Resource	PERS	TRAVELCE	

Overhead service credit used in all underground service attachment charges	
100 Feet Of Service Wire	
Company Vehicles -	\$ 26.38
Labor Cost -	127.97
Minus Travel	(42.66)
Material Cost -	112.74
Total	\$ 224.43

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 -	\$ 129.28
Labor Cost -	592.92
Service trench & backfill 30" depth (100 feet)	
Service cable 4/0 (100 feet)	
2" conduit (100 feet)	
2" conduit 90 degree bend	
Material Cost -	414.64
Trench Cost -	447.04
Sub Total	\$ 1,583.88
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (224.43)</u>
Total	\$ 1,359.45
Proposed Update -	\$ 13.59 /ft

Design Version	0000154468	005	Status	PLAN	12/01/2021
Description	IPCO TRENCH 4/0 SERVICE 2022				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000154468005	
Estimated Cost	\$ 1,583.88		Transfer to Work Order		
Quote					
Quote Date					
CU Category			Retain Material Request	<input type="checkbox"/>	
Design Task Type			Cost Class	IPCO	
Crew Size	5		Crew Type		
Trip Time	0.5		Work Hours	8.00	
			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 -	\$ 142.48
Labor Cost -	635.57
Service trench & backfill 30" depth (100 feet)	
Service cable 350 (100 feet)	
3" conduit (100 feet)	
3" conduit 90 degree bend	
Material Cost -	661.72
Trench Cost -	447.04
Sub Total	\$ 1,886.81
Minus the cost of a 100 foot #2 triplex overhead service wire	<u>\$ (224.43)</u>
Total	\$ 1,662.38
Proposed Update -	\$ 16.62 /ft

Design Version	0000154468	006	Status	PLAN	12/01/2021
Description	IPCO TRENCH 350 SERVICE 2022				
Designer	WBH7455		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000154468006	
Estimated Cost	\$ 1,886.81		Transfer to Work Order	□	
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

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 -	\$ 92.34
Labor Cost -	362.58
Material Cost - Service cable 1/0 (100 feet)	123.29
Sub Total	\$ 578.21
Minus the cost of a 100 foot #2 triplex overhead service wire	\$ (224.43)
Total	\$ 353.78
Proposed Update -	\$ 3.54 /ft

Design Version	0000154468	007	Status	PLAN	12/01/2021
Description	CUSTOMER TRENCH 1/0 SERVICE 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 578.21				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	2	External Cross Reference	0000154468007		
Trip Time	0.5	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
 Customer provided trench & conduit, 100 feet of 4/0 underground cable:
 (2 Man crew & 0.5 hours of travel time)

Company Vehicles -	\$ 92.34
Labor Cost -	362.58
Material Cost - Service cable 4/0 (100 feet)	191.66
Sub Total	\$ 646.58
Minus the cost of a 100 foot #2 triplex overhead service wire	\$ (224.43)
Total	\$ 422.15
Proposed Update -	\$ 4.22 /ft

Design Version	0000154468	008	Status	PLAN	12/01/2021
Description	CUSTOMER TRENCH 4/0 SERVICE 2022				
Designer	WBH7455		Service Type	▼	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category					
Estimated Cost	\$ 646.58				
Quote	□				
Quote Date	□				
CU Category	□				
Design Task Type	▼				
Crew Size	2				
Trip Time	0.5				
External Cross Reference	0000154468008				
Transfer to Work Order	□				
Navigate to Work Order	<input checked="" type="checkbox"/>				
Retain Material Request	-				
Cost Class	IPCO ▼				
Crew Type	▼				
Work Hours	8.00				
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 -	\$ 105.54
Labor Cost -	405.23
Material Cost - Service cable 350 (100 feet)	297.66
Sub Total	\$ 808.43
Minus the cost of a 100 foot #2 triplex overhead service wire	\$ (224.43)
Total	\$ 584.00
Proposed Update -	\$ 5.84 /ft

Design Version	0000154468	009	Status	PLAN	12/01/2021
Description	CUSTOMER TRENCH 350 SERVICE 2022				
Designer	WBH7455		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 808.43				
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	0.5				
			External Cross Reference	0000154468009	
			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

Rule H: Section 6 Other Charges

b. Engineering Charge

2021 Wage Schedule - Senior Distribution Designer		\$ 51.08 /hour
2021 Benefits (actual) 46.00%		23.50 /hour
2021 General Overhead (effective in Nov) 13.75%		7.02 /hour
Total		\$ 81.60 /hour
Proposed Update -		\$ 82.00 /hour

d. Overhead Service Attachment Charge for Non-Residence

Company Vehicles -		\$ 26.38
Labor Cost -		127.97
Material Cost -		
100 ft #2 triplex, wedge clamps, nuts, bolts		112.74
Total		\$ 267.09
Proposed Update -		\$ 267.00

Design Version	0000154468	011	Status	PLAN	12/01/2021
Description	OH SERVICE NON-RESIDENCE & TEMP OH 2022				
Designer	WBH7455		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 267.09				
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				
External Cross Reference	0000154468011				
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		

g. Temporary Service Attachment Charge

i. Underground

Company Vehicles -	\$ 5.28
Labor Cost -	59.72
Material Cost -	-
Total	\$ 65.00
Proposed Update -	\$ 65.00

Design Version	0000154468	010	Status	PLAN	12/01/2021
Description	TEMP UNDERGROUND 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 65.00				
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category	<input type="text"/>				
Design Task Type	<input type="text"/>				
Crew Size	1	External Cross Reference	0000154468010		
Trip Time	0.5	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		

g. Temporary Service Attachment Charge

ii. Overhead

Company Vehicles -	\$ 26.38
Labor Cost -	127.97
Material Cost -	
100 ft #2 triplex, wedge clamps, nuts, bolts	112.74
Total	\$ 267.09
 Proposed Update -	 \$ 267.00

Design Version	0000154468	011	Status	PLAN	12/01/2021
Description	OH SERVICE NON-RESIDENCE & TEMP OH 2022				
Designer	WBH7455	Service Type	<input type="text"/>		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000154468011	
Estimated Cost	\$ 267.09		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="text"/>	
Design Task Type	<input type="text"/>		Cost Class	IPCO	
Crew Size	1		Crew Type	<input type="text"/>	
Trip Time	0.5		Work Hours	8.00	
			Resource	PERS	TRAVELCE

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

	Company Vehicles -	\$ 5.28
	Labor Cost -	59.72
Total		<u>\$ 65.00</u>
Proposed Update -		\$ 65.00

Design Version	0000154468	012	Status	PLAN	12/01/2021
Description	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH INSP 2022				
Designer	WBH7455		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>				
Estimated Cost	\$ 65.00				
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				
			External Cross Reference	0000154468012	
			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 -	\$ 5.28
	Labor Cost -	102.37
Total		<u>\$ 107.65</u>
Proposed Update -		\$ 108.00

Design Version	0000154468	013	Status	PLAN	12/01/2021
Description	UNDERGROUND RETURN TRIP 2022				
Designer	WBH7455		Service Type	<input type="text"/>	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	<input type="text"/>		External Cross Reference	0000154468013	
Estimated Cost	\$ 107.65		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="text"/>	
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	
			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 -		\$ 155.66
Labor Cost -		710.79
Material Cost - Wedge stirrup hot tap	42.23	
Switch arm	48.33	
Switch	159.42	
25 kVA transformer	1,146.07	
Transformer bussing	33.25	
Service wire - 125 feet	131.09	
Ground rod	22.05	
Neutral wedge connector	6.06	
	\$ 1,588.50	
Total Materials		\$ 1,588.50
Total		\$ 2,454.95
Proposed Update -		\$ 2,455.00

Design Version	0000154468	014	Status	PLAN	12/01/2021
Description	SINGLE PHASE ALLOWANCE 2022				
Designer	WBH7455		Service Type	[Dropdown]	
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category	[Dropdown]				
Estimated Cost	\$ 2,454.95				
Quote	[Text Box]				
Quote Date	[Calendar]				
CU Category	[Dropdown]				
Design Task Type	[Dropdown]				
Crew Size	5				
Trip Time	0.5				
External Cross Reference	0000154468014				
Transfer to Work Order	[Text Box]				
Navigate to Work Order	<input checked="" type="checkbox"/>				
Retain Material Request	<input type="checkbox"/>				
Cost Class	IPCO				
Crew Type	[Dropdown]				
Work Hours	8.00				
Resource	PERS [Dropdown] TRAVELCE				

Three Phase Allowance:

Company Vehicles -		\$ 431.50
Labor Cost -		1,816.08
Material Cost -		
Wedge stirrup hot tap (3)	126.68	
Switch arm	213.69	
Switch (3)	425.52	
Transformer mount	362.03	
15 kVA transformer (3)	2,449.93	
Transformer bussing	75.08	
Service wire - 125 feet	180.77	
Ground rod	22.05	
Neutral wedge connector	6.06	
	<u>\$3,861.81</u>	
Total Materials		<u>\$ 3,861.81</u>
Total		\$ 6,109.39
Proposed Update -		\$ 6,109.00

Design Version	0000154468	015	Status	PLAN	12/01/2021
Description	THREE PHASE ALLOWANCE 2022				
Designer	WBH7455		Service Type		
Billing Template	ST	RULEH OR	Salvage	<input checked="" type="checkbox"/>	
Rate Category					
Estimated Cost	\$ 6,109.39				
Quote					
Quote Date					
CU Category					
Design Task Type					
Crew Size	5		External Cross Reference	0000154468015	
Trip Time	0.5		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	\$ 24.00
overhead including 2" riser	\$735.00
overhead including 3" riser	\$942.00

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 12.91
4/0 underground cable	\$ 13.59
350 underground cable	\$ 16.62

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 3.54
4/0 underground cable	\$ 4.22
350 underground cable	\$ 5.84

(1)

(1)

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 \$82.00 per hour.

(I)

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 \$267.00. This charge only applies to non-residences (shop, garage, etc) where there is an existing overhead transformer within 100' of the non-residence structure. (I)
- 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 - \$65.00 (I)

The Customer-provided pole must be set within two linear feet of the Company's existing transformer or junction box.
 - ii. Overhead - \$267.00 (I)

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 \$65.00 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. (I)

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 \$108.00 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. (l)

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	\$2,455.00	(l)
Non-residence	Cost of new meter only	
Non-residential:		
Schedules 7, 9, 24		
Single Phase	\$2,455.00	(l)
Three Phase	\$6,109.00	(l)

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 \$2,455.00 allowance for each single phase transformer installed within a development and a \$6,109.00 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)

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.