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IDAHO PUBLIC
UTILITIES COMMISSION



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December 26, 2023

VIA ELECTRONIC FILING

Commission Secretary
Idaho Public Utilities Commission
11331 W. Chinden Blvd., Bldg 8,
Suite 201-A (83714)
PO Box 83720
Boise, Idaho 83720-0074

Re: Tariff Advice No. IPC-E-TAE-23-02
Annual Compliance Filing to Update Charges, Credits, and General Overheads
under Rule H, New Service Attachments and Distribution Line Installations or
Alterations

Dear Commission Secretary:

Pursuant to Commission Rule of Procedure¹ 134 (IDAPA 31.01.01.134.01), Idaho Power Company (“Idaho Power” or “Company”) hereby submits proposed cost updates to the charges, credits, and general overhead rate outlined in Rule H, New Service Attachments and Distribution Line Installations or Alterations (“Rule H”). This is the annual compliance filing to update Rule H charges and credits as required by Idaho Public Utilities Commission (“Commission”) Order Nos. 30853 and 30955. The Company also requests to update its general overhead rate pursuant to Order No. 32472. The following tariff sheets identify the proposed cost updates, allowances, and change to the general overhead rate:

Thirteenth Revised Sheet No. H-4	Cancelling	Twelfth Revised Sheet No. H-4
Sixteenth Revised Sheet No. H-7	Cancelling	Fifteenth Revised Sheet No. H-7
Fifteenth Revised Sheet No. H-8	Cancelling	Fourteenth Revised Sheet No. H-8
Thirteenth Revised Sheet No. H-9	Cancelling	Twelfth Revised Sheet No. H-9
Thirteenth Revised Sheet No. H-10	Cancelling	Twelfth Revised Sheet No. H-10
Sixteenth Revised Sheet No. H-11	Cancelling	Fifteenth Revised Sheet No. H-11

¹ Hereinafter cited as RP.

The cost estimation methodology used to update the charges and credits in this tariff advice is the same methodology the Company utilized in previous annual filings. 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 Company vehicles/equipment, labor, materials, and trench, where applicable.

Overall, the proposed Rule H charges generally increased primarily due to increases in labor costs, in addition to increased costs for certain materials as well as the slight increase to the general overhead rate. However, the decrease in vehicle costs, as described below, helped offset a portion of these increased costs. Single phase and three phase allowances, provided to customers as an offset to their upfront cost responsibility, increased by 13 percent and 14 percent, respectively.

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

Labor Costs

The construction labor rate (the labor rate used to develop the charges and credits) increased from \$81 to \$88. Additionally, the Engineering Charge increased by approximately 7 percent, which results in the proposed Engineering Charge increasing from \$87 to \$93 per hour.

Material Costs

The cost of materials included within the Underground Service Attachment Distance Charge for Company Installed 1/0 and 4/0 underground cable decreased by 16 percent and 7 percent, respectively, while the overall cost of materials for Company Installed 350 cable increased by less than one percent. The cost of materials included in that same category of charges for Customer Provided Trench and Conduit saw an 11 percent reduction for 1/0 conductor, while the cost of 4/0 and 350 conductor increased by 6 percent and 13 percent, respectively. However, these cost increases for 4/0 and 350 conductor were predominantly offset by the approximate 20 percent and 10 percent decreases in two- and three-inch Schedule 40 conduit, respectively, which is included as part of the applicable Company installation type.

The Company's stores loading rate, which captures the cost of supervision, labor and expenses incurred for the purchasing, storage, handling and distribution of materials and supplies, decreased from 8.75 percent to 6.5 percent.

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 by 6 percent, or from \$57.99 to \$54.51. The decreased hourly rate for these vehicles is due to the Company incurring

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lower fuel and maintenance expenses. Because vehicle costs make up approximately 10 percent, on average, of the total costs associated with the proposed Rule H charges and credits, the decreased vehicle rate results in a moderate decrease to each of the proposed Rule H charges and credits.

Single Phase and Three Phase Allowances

Allowances are provided as a credit to offset a portion of the upfront cost of terminal facilities paid for by customers pursuant to Rule H. The proposed updates to the Company-funded allowance amounts increased for both the single phase and three phase allowances, primarily due to the increased cost of transformers, which was partially offset by the decrease in vehicle costs and stores loading rate, as noted above. The Company proposes to update the single phase allowance from \$3,360 to \$3,813, and the three phase allowance from \$6,890 to \$7,863.

Idaho Power respectfully requests that the proposed updates are approved by March 1, 2024, and become effective March 15, 2024. This 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 Ashley Herrera at 208-388-2656 or aherrera@idahopower.com.

Sincerely,



Connie Aschenbrenner

CA:sg
Enclosures

Idaho Summary of Changes

	Existing 2023	Proposed 2024	Difference	
			\$	%
Underground Service Attachment Charges				
(Rule H Section 4.b.i)				
<u>Base Charge</u>				
Underground	\$ 26.00	\$ 27.00	\$ 1.00	4%
2" riser	\$ 965.00	\$ 991.00	\$ 26.00	3%
3" riser	\$ 1,185.00	\$ 1,207.00	\$ 22.00	2%
<u>Distance Charge (per foot)</u>				
Company Installed				
1/0	\$ 14.23	\$ 13.52	\$ (0.71)	(5%)
4/0	\$ 14.85	\$ 14.52	\$ (0.33)	(2%)
350	\$ 19.30	\$ 19.31	\$ 0.01	0%
Customer Provided Trench & Conduit				
1/0	\$ 3.67	\$ 3.89	\$ 0.22	6%
4/0	\$ 4.29	\$ 4.89	\$ 0.60	14%
350	\$ 6.16	\$ 7.12	\$ 0.96	16%
Other Charges				
(Rule H Section 6)				
Engineering Charge	\$ 87.00	\$ 93.00	\$ 6.00	7%
Temporary Service Attachment Charge				
Underground	\$ 69.00	\$ 74.00	\$ 5.00	7%
Overhead	\$ 379.00	\$ 359.00	\$ (20.00)	(5%)
Temporary Service (Overhead or Underground) and Overhead Permanent Return Trip Charge				
	\$ 69.00	\$ 74.00	\$ 5.00	7%
Underground Service Return Trip Charge	\$ 114.00	\$ 123.00	\$ 9.00	8%
Line Installation and Service Attachment Allowances				
(Rule H Section 7.a)				
Residential				
Schedules 1, 3, 4, 5, 6	\$ 3,360.00	\$ 3,813.00	\$ 453.00	13%
Non-residential				
Schedules 7, 8, 9, 24				
Single Phase	\$ 3,360.00	\$ 3,813.00	\$ 453.00	13%
Three Phase	\$ 6,890.00	\$ 7,863.00	\$ 973.00	14%
General Overheads	10.64%	10.69%		

Idaho

Rule H: New Service Attachments and Distribution Line Installations or Alterations 2024 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 for consistency and accuracy. A summary of all costs is shown below.

Design 168202

Design 0000168202 Status PLAN 12/04/2023

Facility EDS

Description RULE H FILING 2024 - IDAHO

Client ID Account

Location WID BKAT11A BKAT-011 BLACKCAT-011 ADA COUNTY

Designer JLJ5852 Design Type 45

Required In Service Service Type UG

Service Request Request Type

Billing Rate External Design Required

Billing Template ST Capital Project

Version	Description	Estimated Cost
1	BASE CHARGE UG SERVICE 2024	\$27.44
2	2" POLE RISER 2024	\$990.72
3	3" POLE RISER 2024	\$1,207.16
4	IPCO TRENCH 1/0 SERVICE 2024	\$1,662.94
5	IPCO TRENCH 4/0 SERVICE 2024	\$1,763.01
6	IPCO TRENCH 350 SERVICE 2024	\$2,241.91
7	CUSTOMER TRENCH 1/0 SERVICE 2024	\$699.94
8	CUSTOMER TRENCH 4/0 SERVICE 2024	\$800.01
9	CUSTOMER TRENCH 350 SERVICE 2024	\$1,022.21
10	TEMP UNDERGROUND 2024	\$74.22
11	TEMP OVERHEAD 2024	\$359.37
12	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH 2024	\$74.22
13	UNDERGROUND RETURN TRIP 2024	\$122.93
14	SINGLE PHASE ALLOWANCE 2024	\$3,812.86
15	THREE PHASE ALLOWANCE 2024	\$7,862.88

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

Underground Service Attachment Charge – Base Charge
From Underground:

Company Vehicles -	\$	6.04
Labor Cost -		19.48
Material Cost - Cable tag & tie		1.92
Total	\$	27.44
 Proposed Update -		 \$ 27.00

Design Version	0000168202	001	Status	PLAN	12/04/2023
Description	BASE CHARGE UG SERVICE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202001	
Estimated Cost		\$ 27.44	Transfer to Work Order	<input type="checkbox"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
CU Category			Retain Material Request	<input type="checkbox"/>	
Design Task Type			Cost Class	IPCO	
Crew Size	2		Crew Type		
Trip Time			Work Hours	8.00	
			Resource	PERS	TRAVELCE

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

Company Vehicles -	\$	81.48
Labor Cost -		256.17
2” PVC conduit, 2” fiberglass conduit		
35 feet of 1/0 triplex cable for service		
nuts, bolts, brackets and washers		
Material Cost -		653.07
Total	\$	<u>990.72</u>
Proposed Update -	\$	991.00

Design Version	0000168202	002	Status	PLAN	12/04/2023
Description	2" POLE RISER 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202002	
Estimated Cost		\$ 990.72	Transfer to Work Order	<input type="checkbox"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>		Navigate to Work Order	<input checked="" type="checkbox"/>	
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	<input type="text"/>		Work Hours	8.00	
			Resource	PERS	TRAVELCE

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

Company Vehicles -	\$	96.92
Labor Cost -		305.86
3” PVC conduit, 3” fiberglass conduit		
35 feet of 4/0 triplex cable for service		
nuts, bolts, brackets and washers		
Material Cost -		804.38
Total	\$	<u>1,207.16</u>
Proposed Update -	\$	1,207.00

Design Version	0000168202	:	003	Status	PLAN	12/04/2023
Description	3" POLE RISER 2024					
Designer	JLJ5852	Service Type	UG	Salvage	<input checked="" type="checkbox"/>	
Billing Template	ST	RULEHPUC	External Cross Reference	0000168202003		
Rate Category		Transfer to Work Order	<input type="text"/>			
Estimated Cost	\$ 1,207.16					
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 Type	<input type="text"/>	
Crew Size	2	Work Hours	8.00	Resource	PERS	TRAVELCE
Trip Time	<input type="text"/>					

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

Company Vehicles -	\$	147.82
Labor Cost -		676.98
Service trench & backfill 30" depth (100 feet)		
Service cable 1/0 (100 feet)		
2" conduit (100 feet)		
2" conduit 90 degree bend		
Material Cost -		420.84
Trench Cost -		417.30
Sub Total	\$	1,662.94
Minus the cost of a 100 foot #2 triplex overhead service	\$	(310.67)
Total	\$	1,352.27
Proposed Update -	\$	13.52 /ft

Design Version	0000168202	004	Status	PLAN	12/04/2023
Description	IPCO TRENCH 1/0 SERVICE 2024				
Designer	JLJ5852	Service Type	UG		
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000168202004		
Estimated Cost	\$ 1,662.94				
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	

Overhead service credit used in all underground service attachment charges	
100 Feet of #2 Triplex	
Company Vehicles -	\$ 30.16
Labor Cost -	146.11
Minus Travel	(48.70)
Material Cost -	183.10
Total	\$ 310.67

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

Company Vehicles -	\$	147.82
Labor Cost -		676.98
Service trench & backfill 30" depth (100 feet)		
Service cable 4/0 (100 feet)		
2" conduit (100 feet)		
2" conduit 90 degree bend		
Material Cost -		520.91
Trench Cost -		417.30
Sub Total	\$	1,763.01
Minus the cost of a 100 foot #2 triplex overhead service	\$	(310.67)
Total	\$	1,452.34
Proposed Update -	\$	14.52 /ft

Design Version	0000168202	005	Status	PLAN	12/04/2023
Description	IPCO TRENCH 4/0 SERVICE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202005	
Estimated Cost		\$ 1,763.01	Transfer to Work Order	<input type="checkbox"/>	
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 Size	5		Crew Type	<input type="text"/>	
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 person crew & 0.5 hours of travel time)

Company Vehicles -	\$	162.92
Labor Cost -		725.69
Service trench & backfill 30" depth (100 feet)		
Service cable 350 (100 feet)		
3" conduit (100 feet)		
3" conduit 90 degree bend		
Material Cost -		936.00
Trench Cost -		417.30
Sub Total	\$	2,241.91
Minus the cost of a 100 foot #2 triplex overhead service	\$	(310.67)
Total	\$	1,931.24
Proposed Update -	\$	19.31 /ft

Design Version	0000168202	006	Status	PLAN	12/04/2023
Description	IPCO TRENCH 350 SERVICE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202006	
Estimated Cost		\$ 2,241.91	Transfer to Work Order	<input type="checkbox"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
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
 Customer provided trench & conduit, 100 feet of 1/0 underground cable:
 (2 person crew & 0.5 hours of travel time)

Company Vehicles -	\$	105.58
Labor Cost -		413.98
Material Cost - Service cable 1/0 (100 feet)		180.38
Sub Total	\$	699.94
Minus the cost of a 100 foot #2 triplex overhead service	<u>\$</u>	<u>(310.67)</u>
Total	\$	389.27
Proposed Update -	\$	3.89 /ft

Design Version	0000168202	007	Status	PLAN	12/04/2023
Description	CUSTOMER TRENCH 1/0 SERVICE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202007	
Estimated Cost		\$ 699.94	Transfer to Work Order	<input type="checkbox"/>	
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"/>				
Crew Size	2		Cost Class	IPCO	
Trip Time	0.5		Crew Type	<input type="text"/>	
			Work Hours	8.00	
			Resource	PERS	TRAVELCE

Underground Service Attachment Charge – Distance Charge
 Customer provided trench & conduit, 100 feet of 4/0 underground cable:
 (2 person crew & 0.5 hours of travel time)

Company Vehicles -	\$	105.58
Labor Cost -		413.98
Material Cost - Service cable 4/0 (100 feet)		280.45
Sub Total	\$	800.01
Minus the cost of a 100 foot #2 triplex overhead service	<u>\$</u>	<u>(310.67)</u>
Total	\$	489.34
Proposed Update -	\$	4.89 /ft

Design Version	0000168202	008	Status	PLAN	12/04/2023
Description	CUSTOMER TRENCH 4/0 SERVICE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202008	
Estimated Cost		\$ 800.01	Transfer to Work Order	<input type="checkbox"/>	
Quote	<input type="text"/>				
Quote Date	<input type="text"/>				
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	
			Resource	PERS	TRAVELCE

Underground Service Attachment Charge – Distance Charge

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

(2 person crew & 0.5 hours of travel time)

Company Vehicles -	\$ 120.68
Labor Cost -	462.69
Material Cost - Service cable 350 (100 feet)	438.84
Sub Total	\$ 1,022.21
Minus the cost of a 100 foot #2 triplex overhead service	\$ (310.67)
Total	\$ 711.54
Proposed Update -	\$ 7.12 /ft

Design Version	0000168202	009	Status	PLAN	12/04/2023
Description	CUSTOMER TRENCH 350 SERVICE 2024				
Designer	JLJ5852	Service Type	UG		
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000168202009		
Estimated Cost	\$ 1,022.21				
Quote					
Quote Date		Transfer to Work Order			
CU Category		Navigate to Work Order	<input checked="" type="checkbox"/>		
Design Task Type		Retain Material Request	<input type="checkbox"/>		
Crew Size	2	Cost Class	IPCO		
Trip Time	0.5	Crew Type			
		Work Hours	8.00		
		Resource	PERS	TRAVELCE	

Rule H: Section 6 Other Charges

b. Engineering Charge

	2023 Wage Schedule - Senior Distribution Designer	\$	58.54 /hour
	2023 Benefits (actual) 49.00%		28.68 /hour
	Proposed General Overhead 10.69%		6.26 /hour
Total		\$	93.48 /hour
Proposed Update -		\$	93.00 /hour

g. Temporary Service Attachment Charge

i. Underground

	Company Vehicles -	\$	6.04
	Labor Cost -		68.18
	Material Cost -		-
Total		\$	74.22
Proposed Update -		\$	74.00

Design Version	0000168202	010	Status	PLAN	12/04/2023
Description	TEMP UNDERGROUND 2024				
Designer	JLJ5852	Service Type	UG		
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000168202010		
Estimated Cost	\$ 74.22				
Quote					
Quote Date					
CU Category		Retain Material Request	<input type="checkbox"/>		
Design Task Type		Cost Class	IPCO		
Crew Size	1	Crew Type			
Trip Time	0.5	Work Hours	8.00		
		Resource	PERS	TRAVELCE	

g. Temporary Service Attachment Charge

ii. Overhead

Company Vehicles -	\$	30.16
Labor Cost -		146.11
Material Cost -		
100 ft #2 triplex, wedge clamps, nuts, bolts		183.10
Total	\$	359.37
 Proposed Update -	 \$	 359.00

Design Version	0000168202	011	Status	PLAN	12/04/2023
Description	TEMP OVERHEAD 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202011	
Estimated Cost		\$ 359.37	Transfer to Work Order	<input type="checkbox"/>	
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"/>				
Crew Size	1		Cost Class	IPCO	
Trip Time	0.5		Crew Type	<input type="text"/>	
			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 -	\$	6.04
	Labor Cost -		68.18
Total		\$	<u>74.22</u>
Proposed Update -		\$	74.00

Design Version	0000168202	012	Status	PLAN	12/04/2023
Description	RETURN TRIP TEMP OH/UG & PERM OH SERV & TRENCH 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202012	
Estimated Cost		\$ 74.22	Transfer to Work Order		
Quote					
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	1		Crew Type		
Trip Time	0.5		Work Hours	8.00	
			Resource	PERS	TRAVELCE

j. Underground Service Return Trip Charge

	Company Vehicles -	\$	6.04
	Labor Cost -		116.89
Total		\$	<u>122.93</u>
Proposed Update -		\$	123.00

Design Version	0000168202	013	Status	PLAN	12/04/2023
Description	UNDERGROUND RETURN TRIP 2024				
Designer	JLJ5852	Service Type	UG		
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000168202013		
Estimated Cost	\$ 122.93				
Quote					
Quote Date		Transfer to Work Order			
CU Category		Navigate to Work Order	<input checked="" type="checkbox"/>		
Design Task Type		Retain Material Request	<input type="checkbox"/>		
Crew Size	2	Cost Class	IPCO		
Trip Time	0.5	Crew Type			
		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 -	\$	177.98
Labor Cost -		811.56
Material Cost - Wedge stirrup hot tap		50.99
Switch arm		68.05
Switch		195.31
25 kVA transformer		2,208.80
Transformer bussing		44.52
Service wire - 125 feet		215.38
Ground rod		33.63
Neutral wedge connector		6.64
		\$ 2,823.32
Total Materials	\$	2,823.32
Total	\$	3,812.86
Proposed Update -	\$	3,813.00

Design Version	0000168202	014	Status	PLAN	12/04/2023
Description	SINGLE PHASE ALLOWANCE 2024				
Designer	JLJ5852		Service Type	UG	
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category			External Cross Reference	0000168202014	
Estimated Cost	\$ 3,812.86		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

Three Phase Allowance:

Company Vehicles -		\$	493.42
Labor Cost -			2,073.54
Material Cost - Wedge stirrup hot tap (3)	152.97		
Switch arm	312.26		
Switch (3)	514.21		
Transformer mount	586.91		
15 kVA transformer (3)	3,371.98		
Transformer bussing	99.45		
Service wire - 125 feet	217.87		
Ground rod	33.63		
Neutral wedge connector	6.64		
		\$	5,295.92
Total Materials		\$	5,295.92
Total		\$	7,862.88
Proposed Update -		\$	7,863.00

Design Version	0000168202	015	Status	PLAN	12/04/2023
Description	THREE PHASE ALLOWANCE 2024				
Designer	JLJ5852	Service Type	UG		
Billing Template	ST	RULEHPUC	Salvage	<input checked="" type="checkbox"/>	
Rate Category		External Cross Reference	0000168202015		
Estimated Cost	\$ 7,862.88				
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	

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS

(Continued)

1. Definitions (Continued)

Unusual Conditions are construction conditions not normally encountered, but which the Company may encounter during construction which impose additional, project-specific costs. These conditions may include, but are not limited to: frost, landscape replacement, road compaction, pavement replacement, chip-sealing, rock digging/trenching, boring, nonstandard facilities or construction practices, and other than available voltage requirements.

Costs associated with unusual conditions are separately stated and are subject to refund if not encountered. If unusual conditions are not encountered, the Company will issue the appropriate refund within 30 days of completion of the project's reconciliation of costs.

Upgrade is a request by a customer to increase capacity and/or size of Company-owned distribution facilities. Upgrades are eligible for Vested Interest Refunds.

Vested Interest is the right to a refund that an Applicant or Additional Applicant holds in a specific section of distribution facilities when Additional Applicants attach to that section of distribution facilities.

Vested Interest Charge is an amount collected from an Additional Applicant for refund to a Vested Interest Holder.

Vested Interest Holder is an entity that has paid a refundable Line Installation Charge to the Company for a Line Installation. A Vested Interest Holder may also be an entity that has paid a refundable charge to the Company under the provisions of a prior rule or schedule.

Vested Interest Refund is a refund payment to an existing Vested Interest Holder resulting from a Vested Interest Charge to an Additional Applicant.

Vested Interest Portion is that part of the Company's distribution system in which a Vested Interest is held.

Work Order Cost is a cost estimate performed by the Company for a specific request for service by an Applicant or Additional Applicant. The Work Order Cost will include general overheads of 10.69 percent.

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

4. Service Attachment Charges

- a. Overhead Service Attachment Charge. If an overhead Service Attachment is required, the Applicant or Additional Applicant will pay a non-refundable Service Attachment Charge equal to the Work Order Cost less applicable 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	\$ 27.00
overhead including 2" riser	\$ 991.00
overhead including 3" riser	\$1,207.00

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 13.52
4/0 underground cable	\$ 14.52
350 underground cable	\$ 19.31

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 3.89
4/0 underground cable	\$ 4.89
350 underground cable	\$ 7.12

- 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.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS

(Continued)

5. Vested Interest Charges

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

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

Vested Interest Charge = A x B x C where;

A = Load Ratio: Additional Applicant's Connected Load divided by the sum of
 Additional Applicant's Connected Load and Vested Interest Holder's load.

B = Distance Ratio: Additional Applicant's distance divided by original distance.

C = Vested Interest Holder's unrefunded contribution.

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

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

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

6. Other Charges

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

b. Engineering Charge. Applicants or Additional Applicants will be required to prepay all engineering costs for Line Installations and/or Alterations greater than 16 estimated hours. Estimates equal to or less than 16 hours will be billed to the Applicant or Additional Applicant as part of the construction costs, or after the engineering is completed in instances where construction is not requested. Engineering charges will be calculated at \$93.00 per hour.

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

6. Other Charges (Continued)

- c. Engineering Charges for Agencies and Taxing Districts of the State of Idaho. Under the authority of Idaho Code § 67-2302, an agency or taxing district of the State of Idaho may invoke its right to decline to pay engineering charges until the engineering services have been performed and billed to the agency or taxing district. Any state agency or taxing district that claims it falls within the provisions of Idaho Code § 67-2302 must notify Idaho Power of such claim at the time Idaho Power requests prepayment of the engineering charges. Idaho Power may require that the state agency or taxing district's claim be in writing. If the state agency or taxing district that has invoked the provisions of Idaho Code § 67-2302 does not pay the engineering charges within the 60-day period as provided in that statute, all the provisions of that statute will apply.
- d. Joint Trench Charge. Applicants, Additional Applicants, and subdividers will pay the Company for trench and backfill costs included in the Cost Quote. In the event the Company is able to defray any of the trench and backfill costs by sharing a trench with other utilities, the cost reduction will be included in the Cost Quote.
- e. 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 - \$74.00

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

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

6. Other Charges (Continued)

g. Temporary Service Attachment Charge (Continued)

ii. Overhead - \$359.00

The customer-provided meter 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 meter pole shall be properly grounded, electrically safe, meet all clearance requirements, and ready for connection to Company facilities.

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

h. Temporary Service (Overhead or Underground), Overhead Permanent, and Customer Provided Trench Inspection Return Trip Charge. A Return Trip Charge of \$74.00 will be assessed each time Company personnel are dispatched to the job site, but are unable to connect the service. The charge will be billed after the conditions have been satisfied and the connection has been made.

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

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

6. Other Charges (Continued)

- j. Underground Service Return Trip Charge. When a customer agrees to supply the trench, backfill, conduit, and compaction for an underground service, an Underground Service Return Trip Charge of \$123.00 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 the Company's required specifications not being met.

7. Line Installation, Shared Terminal Facilities and Service Attachment Allowances

The Company will contribute an Allowance toward the cost of Terminal Facilities associated with an additional Line Installation and/or Service Attachment. If a Customer increases their consumptive load and is responsible for upgrading Shared Terminal Facilities, such Customer will receive an Allowance toward the cost of the upgraded Shared Terminal Facilities. 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, Shared Terminal Facilities and Overhead Service Attachments

<u>Class of Service</u>	<u>Maximum Allowance per Service</u>
Residential:	
Schedules 1, 3, 5, 6	\$3,813.00
Non-residence	\$ 0.00
Non-residential:	
Schedules 7, 8, 9, 24	
Single Phase	\$3,813.00
Three Phase	\$7,863.00
Large Power Service	
Schedule 19	Case-By-Case

- b. Allowances for Subdivisions and Multiple Occupancy Projects
 Developers of Subdivisions and Multiple Occupancy Projects will receive a \$3,813.00 Allowance for each single phase transformer installed within a development and a \$7,863.00 Allowance for each three phase transformer installed within a development. Subdividers will be eligible to receive Allowances for Terminal Facilities installed inside residential and non-residential subdivisions.

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

1. **Definitions (Continued)**

Unusual Conditions are construction conditions not normally encountered, but which the Company may encounter during construction which impose additional, project-specific costs. These conditions may include, but are not limited to: frost, landscape replacement, road compaction, pavement replacement, chip-sealing, rock digging/trenching, boring, nonstandard facilities or construction practices, and other than available voltage requirements.

Costs associated with unusual conditions are separately stated and are subject to refund if not encountered. If unusual conditions are not encountered, the Company will issue the appropriate refund within 30 days of completion of the project's reconciliation of costs.

Upgrade is a request by a customer to increase capacity and/or size of Company-owned distribution facilities. Upgrades are eligible for Vested Interest Refunds.

Vested Interest is the right to a refund that an Applicant or Additional Applicant holds in a specific section of distribution facilities when Additional Applicants attach to that section of distribution facilities.

Vested Interest Charge is an amount collected from an Additional Applicant for refund to a Vested Interest Holder.

Vested Interest Holder is an entity that has paid a refundable Line Installation Charge to the Company for a Line Installation. A Vested Interest Holder may also be an entity that has paid a refundable charge to the Company under the provisions of a prior rule or schedule.

Vested Interest Refund is a refund payment to an existing Vested Interest Holder resulting from a Vested Interest Charge to an Additional Applicant.

Vested Interest Portion is that part of the Company's distribution system in which a Vested Interest is held.

Work Order Cost is a cost estimate performed by the Company for a specific request for service by an Applicant or Additional Applicant. The Work Order Cost will include general overheads of 10.649 percent.

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

4. Service Attachment Charges

- a. Overhead Service Attachment Charge. If an overhead Service Attachment is required, the Applicant or Additional Applicant will pay a non-refundable Service Attachment Charge equal to the Work Order Cost less applicable 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	\$ — <u>267.00</u>
overhead including 2" riser	\$ 965 <u>991.00</u>
overhead including 3" riser	\$ 1,185 <u>1,207.00</u>

Distance charge (per foot)

Company Installed Facilities with:

1/0 underground cable	\$ 14.23 <u>13.52</u>
4/0 underground cable	\$ 14.85 <u>14.52</u>
350 underground cable	\$ 19.30 <u>19.31</u>

Customer Provided Trench & Conduit with:

1/0 underground cable	\$ 3.67 <u>3.89</u>
4/0 underground cable	\$ 4.29 <u>4.89</u>
350 underground cable	\$ 6.46 <u>7.12</u>

- 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.

RULE H
NEW SERVICE ATTACHMENTS
AND DISTRIBUTION LINE
INSTALLATIONS OR
ALTERATIONS

(Continued)

5. Vested Interest Charges

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

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

Vested Interest Charge = A x B x C where;

A = Load Ratio: Additional Applicant's Connected Load divided by the sum of
Additional Applicant's Connected Load and Vested Interest Holder's load.

B = Distance Ratio: Additional Applicant's distance divided by original distance.

C = Vested Interest Holder's unrefunded contribution.

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

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

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

6. Other Charges

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

b. Engineering Charge. Applicants or Additional Applicants will be required to prepay all engineering costs for Line Installations and/or Alterations greater than 16 estimated hours. Estimates equal to or less than 16 hours will be billed to the Applicant or Additional Applicant as part of the construction costs, or after the engineering is completed in instances where construction is not requested. Engineering charges will be calculated at ~~\$8793~~.00 per hour.

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

6. Other Charges (Continued)

- c. Engineering Charges for Agencies and Taxing Districts of the State of Idaho. Under the authority of Idaho Code § 67-2302, an agency or taxing district of the State of Idaho may invoke its right to decline to pay engineering charges until the engineering services have been performed and billed to the agency or taxing district. Any state agency or taxing district that claims it falls within the provisions of Idaho Code § 67-2302 must notify Idaho Power of such claim at the time Idaho Power requests prepayment of the engineering charges. Idaho Power may require that the state agency or taxing district's claim be in writing. If the state agency or taxing district that has invoked the provisions of Idaho Code § 67-2302 does not pay the engineering charges within the 60-day period as provided in that statute, all the provisions of that statute will apply.
- d. Joint Trench Charge. Applicants, Additional Applicants, and subdividers will pay the Company for trench and backfill costs included in the Cost Quote. In the event the Company is able to defray any of the trench and backfill costs by sharing a trench with other utilities, the cost reduction will be included in the Cost Quote.
- e. 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 - ~~\$6974~~.00

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

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

6. Other Charges (Continued)

g. Temporary Service Attachment Charge (Continued)

ii. Overhead - \$~~379.00~~359.00

The customer-provided meter 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 meter pole shall be properly grounded, electrically safe, meet all clearance requirements, and ready for connection to Company facilities.

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

h. Temporary Service (Overhead or Underground), Overhead Permanent, and Customer Provided Trench Inspection Return Trip Charge. A Return Trip Charge of ~~\$6974.00~~ will be assessed each time Company personnel are dispatched to the job site, but are unable to connect the service. The charge will be billed after the conditions have been satisfied and the connection has been made.

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

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

6. Other Charges (Continued)

- j. Underground Service Return Trip Charge. When a customer agrees to supply the trench, backfill, conduit, and compaction for an underground service, an Underground Service Return Trip Charge of ~~\$144,123.00~~ 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 the Company’s required specifications not being met.

7. Line Installation, Shared Terminal Facilities and Service Attachment Allowances

The Company will contribute an Allowance toward the cost of Terminal Facilities associated with an additional Line Installation and/or Service Attachment. If a Customer increases their consumptive load and is responsible for upgrading Shared Terminal Facilities, such Customer will receive an Allowance toward the cost of the upgraded Shared Terminal Facilities. 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, Shared Terminal Facilities and Overhead Service Attachments

<u>Class of Service</u>	<u>Maximum Allowance per Service</u>
Residential:	
Schedules 1, 3, 5, 6	\$3,360.00 <u>\$3,813.00</u>
Non-residence	\$ 0.00
Non-residential:	
Schedules 7, 8, 9, 24	
Single Phase	\$3,360.00 <u>\$3,813.00</u>
Three Phase	\$6,890.00 <u>\$7,863.00</u>
Large Power Service	
Schedule 19	Case-By-Case

- b. Allowances for Subdivisions and Multiple Occupancy Projects
 Developers of Subdivisions and Multiple Occupancy Projects will receive a ~~\$3,360.00~~ \$3,813.00 Allowance for each single-phase transformer installed within a development and a ~~\$6,890.00~~ \$7,863.00 Allowance for each three phase transformer installed within a development. Subdividers will be eligible to receive Allowances for Terminal Facilities installed inside residential and non-residential subdivisions.