# BEFORE THE PUBLIC UTILITY COMMISSION 

## OF OREGON

UM 1801

In the Matter of

IDAHO POWER COMPANY,
ERRATA
ORDER

Application for Authority to Implement
Revised Depreciation Rates for Electric Plant-in-Service.

## DISPOSITION: ORDER NO. 17-186 CORRECTED

We issued Order No. 17-186 adopting the parties stipulation in this proceeding on May 25, 2017. Due to the filing of an errata page to the stipulation, the Appendix attached to Order No. 17-186 was incomplete. This order is being issued to replace Appendix A in its entirety.

The remainder of Order No. 17-186 is unchanged.


Lisa D. Hardie



Megan W. Decker
Gommissioner

A party may request rehearing or reconsideration of this order under ORS 756.561. A request for rehearing or reconsideration must be filed with the Commission within 60 days of the date of service of this order. The request must comply with the requirements in OAR 860-001-0720. A copy of the request must also be served on each party to the proceedings as provided in OAR 860-001-0180(2). A party may appeal this order by filing a petition for review with the Court of Appeals in compliance with ORS 183.480 through 183.484.

# BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON 

UM 1801

> In The Matter of

IDAHO POWER COMPANY

## Application for Authority to Implement Revised

 Depreciation Rates for Electric Plant-inService.This Stipulation resolves all issues between the parties related to ldaho Power Company's ("Idaho Power" or "Company") request for authorization to institute revised depreciation rates for the Company's electric plant-in-service and for an adjustment to Oregon jurisdictional base rates to reflect the revised depreciation rates.

PARTIES

1. The parties to this Stipulation are Staff of the Public Utility Commission of Oregon ("Staff"), the Oregon Citizens' Utility Board ("CUB"), and Idaho Power (together, the "Stipulating Parties"). No other party intervened in this docket.

## BACKGROUND

2. As required by OAR 860-027-0350, Idaho Power performs a depreciation study and updates its depreciation rates approximately every five years. ${ }^{1}$ The purpose of the update is to reflect changes in the appropriate net salvage percentages and service life estimates of assets as circumstances change. Accordingly, the Company recently engaged Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") to conduct a depreciation study of its electric plant-in-service ("Study") as of December 30, 2015. The Study updates net
${ }^{1}$ The last major changes to the Company's depreciation rates occurred June 1, 2012, as a result of Order No. 12-296 issued in Docket No. UM 1576.

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[^0]Page 2 - STIPULATION: UM 1801
${ }^{3}$ See Re Idaho Power Co. Request for General Rate Revision, Docket No. UE 233, Order No. 12-055 (Feb. 26 Adjustment Tariff for Electric Service to Customers in the State of Oregon, Docket No. UE 239, Order No. 6 12-235 (June 26, 2012).

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$5{ }^{5}$ When the agreed upon depreciation rates are applied to approved test year plant balances, the resulting incremental Oregon jurisdictional depreciation expense is approximately $\$ 343,000$, as compared to the
15. On January 25 and 27,2017 , the Company filed errata testimony that removed duplicate pages in the originally filed testimony and replaced the duplicate pages with correct pages.
16. Staff conducted discovery on the Company's filing.
17. After performing its own investigation of Idaho Power's proposed depreciation rates, Staff initially proposed: (1) seven adjustments to Idaho Power's proposed curve life combination for depreciable plants and changes in average service life or dispersion curve (or both) for FERC account categories in Hydraulic Production Plant, Other Production Plant, Transmission Plant, and Distribution Plant; and (2) 22 adjustments to Idaho Power's proposed Net Salvage Rates for certain depreciable plants.
18. On March 9, 2017, the Stipulating Parties participated in a settlement conference. Although the Stipulating Parties were unable to reach agreement at the March 9,2017 , settlement conference, they did agree to reconvene on March 28, 2017. The Stipulating Parties reconvened once again on April 20, 2017, and were able to reach an agreement that resolved all the issues in this docket.

## AGREEMENT

19. The Stipulating Parties agree that the Commission should adopt the depreciation rates set forth in Attachment 1 to this Stipulation. The Stipulating Parties agree that the revised depreciation rates in Attachment 1 should be effective June 1, 2017. The Stipulation has resulted in annual depreciation expense on a system basis of $\$ 124.6$ million, based on December 31, 2015 plant values, which is a reduction from Idaho Power's original proposal of $\$ 131.2$ million. ${ }^{5}$ The Stipulating Parties agree that Idaho Power will continue the separate accounting for Bridger and that the depreciation rates in Attachment No. 2 will be used to Company's initial request of approximately $\$ 604,000$.

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## ORDER NO. 17 <br> 213

compute the adjustment associated with the approved 2011 general rate case plant balances for the difference between a Bridger 2034 end-of-life and a Bridger 2025 end-of-life. Consistent with the stipulation approved in UM 1576, the accounting process and the dollar amount tracked will be held constant between ratemaking proceedings and will change only following Commission approval of either a base rate change associated with Bridger plant investments or the Company's next depreciation study docket.
20. Both Idaho Power and Staff used the straight line method, the remaining life basis and the average service life depreciation procedure to calculate the depreciation accrual rates. Attachment 4 shows the depreciation groups for which Staff's analyses produced differing results from the filed depreciation study and the final position agreed to by the Stipulating Parties following settlement discussions.
21. The Stipulating Parties agree that the Commission should adopt the customer rates set forth in Attachment 3, which are based on the agreed-upon depreciation rates set forth in Attachment 1 and 2. The Stipulating Parties agree that the customer rates in Attachment 3 should be effective June 1, 2017. The Stipulating parties agree to an increase in the Oregon jurisdictional revenue requirement of $\$ 300,000$, which equates to an overall increase in current billed revenues of 0.54 percent, a reduction from the $\$ 721,548$ and 1.3 percent, respectively, Idaho Power originally proposed. The Stipulating Parties agree that the proposed rates resulting from this agreement are just and reasonable.
22. Consistent with the agreement in UM 1576, the Stipulating Parties recognize the importance of Oregon stakeholder's involvement in the development of future Idaho Power depreciation rates. Thus, the Company agrees to continue to meaningfully involve Staff and CUB in the development of future depreciation rates, which would include filing new depreciation rate studies simultaneously with the Commission and IPUC. In addition, Idaho Power will advocate for a coordinated analysis amongst the Company, Staff, IPUC Staff, CUB and other parties of future Oregon depreciation study dockets involving new depreciation rate

## ORDER No. 17213

studies. Idaho Power agrees to fund the reasonable travel expenses for representatives of up to two intervening parties to Oregon depreciation study dockets to travel to Boise, Idaho, to participate in workshops related to the development of future depreciation rates. Staff will identify parties eligible for travel expenses, as appropriate, in the event there are more than two intervening parties who wish to participate.
23. The Stipulating Parties agree to submit this Stipulation to the Commission and request that the Commission approve the Stipulation and Attachment No. 1 as presented. The Stipulating Parties agree that the rates resulting from the Stipulation are fair, just, and reasonable.
24. This Stipulation will be offered into the record of this proceeding as evidence pursuant to OAR 860-001-0350(7). The Stipulating Parties agree to support this Stipulation throughout this proceeding and any appeal, (if necessary) provide witnesses to sponsor this Stipulation at the hearing, and recommend that the Commission issue an order adopting the settlements contained herein.
25. If this Stipulation is challenged by any other party to this proceeding, the Stipulating Parties agree that they will continue to support the Commission's adoption of the terms of this Stipulation. The Stipulating Parties agree to cooperate in cross-examination and put on such a case as they deem appropriate to respond fully to the issues presented, which may include raising issues that are incorporated in the settlements embodied in this Stipulation.
26. The Stipulating Parties have negotiated this Stipulation as an integrated document. If the Commission rejects all or any material part of this Stipulation, or adds any material condition to any final order that is not consistent with this Stipulation, each Stipulating Party reserves its right, pursuant to OAR 860-001-0350(9), to present evidence and argument on the record in support of the Stipulation or to withdraw from the Stipulation. Stipulating Parties shall be entitled to seek rehearing or reconsideration pursuant to OAR 860-001-0720 in any manner that is consistent with the agreement embodied in this Stipulation.
27. By entering into this Stipulation, no Stipulating Party shall be deemed to have approved, admitted, or consented to the facts, principles, methods, or theories employed by any other Stipulating Party in arriving at the terms of this Stipulation, other than those specifically identified in the body of this Stipulation. No Stipulating Party shall be deemed to have agreed that any provision of this Stipulation is appropriate for resolving issues in any other proceeding, except as specifically identified in this Stipulation.
28. This Stipulation may be executed in counterparts and each signed counterpart shall constitute an original document.

This Stipulation is entered into by each Stipulating Party on the date entered below such Stipulating Party's signature.

## STAFF

By:
Date: $\qquad$

IDAHO POWER

By: $\qquad$
Date: $\qquad$

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STAFF

By: $\qquad$
Date: $\qquad$

CITIZENS' UTILITY BOARD

By: $\qquad$
Date: $\qquad$

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## ORDERNO. 17213

Parties shall be entitled to seek rehearing or reconsideration pursuant to OAR 860-001-0720 in any manner that is consistent with the agreement embodied in this Stipulation.
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IDAHO POWER

By: $\qquad$
Date: $\qquad$

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## ORDER No. 17 213



## ORDERNO. 17213

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TOTRL ACCOUNT 334
MISCELLLANEOUS POWER PLANT EQUIPMENT
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ATACMENT

## IDAHO POWER COMPANY



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| :---: | ---: |
| ACCRUL | ACCRUAL |
| AMOUNT | $\frac{\text { RATE }}{(77)}$ |
| $\mathbf{( 8 ) = ( 7 ) ( 4 )}$ |  |
| $2,548.441$ | 2.91 |

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IDAHO POWER COMPANY




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IDAHO POWER COMPANY
TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE
AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2015





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SCHEDULE 1
RESIDENTIAL SERVICE
(Continued)

## RESIDENTIAL SPACE HEATING (Conlinued)

Individual resistance-type units for space heating larger than 1,650 watts shall be designed to operate at 240 or 208 volts, and no single unit shall be larger than 6 kW . Heating units of two kW or larger shall be controlled by approved thermostatic devices. When a group of heating units, with a total capacity of more than 6 kW , is to be actuated by a single thermostat, the controlling switch shall be so designed that not more than 6 kW can be switched on or off at any one time. Supplemental resistance-type heaters, that may be used with a heat exchanger, shall comply with the specifications listed above for such units.

## MONTHLY CHARGE

The Monthly Charge is the sum of the Service Charge and the Energy Charge at the following rates, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| Service Charge, per month | $\$ 8.00$ |
| :---: | :---: |
| Energy Charge, per kWh |  |
| $0-1000 \mathrm{kWh}$ | $8.3543 \phi$ |
| Over 1000 kWh | $9.8154 \phi$ |

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 1
RESIDENTIAL SERVICE
(Continued)

## RESIDENTIAL SPACE HEATING (Continued)

Individual resistance-type units for space heating larger than 1,650 watts shall be designed to operate at 240 or 208 volts, and no single unit shall be larger than 6 kW . Heating units of two kW or larger shall be controlled by approved thermostatic devices. When a group of heating units, with a total capacity of more than 6 kW , is to be actuated by a single thermostat, the controlling switch shall be so designed that not more than 6 kW can be switched on or off at any one time. Supplemental resistance-type heaters, that may be used with a heat exchanger, shall comply with the specifications listed above for such units.

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Service Charge, per month
Energy Charge, per kWh
$0-1000 \mathrm{kWh}$
Over 1000 kWh
$\$ 8.00$
8.30455434
9.756881544

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 7
SMALL GENERAL SERVICE
27" 213
(Continued)

MONTHLY CHARGE (Continued)

|  | Summer |  | Non-Summer |
| :---: | :---: | :---: | :---: |
| Energy Charge, per kWh |  |  |  |
| $0-500 \mathrm{kWh}$ | $7.7236700 \phi$ |  | $7.7236700 \phi$ |
| Over 500 kWh | $10.28043421 \phi$ | $8.5189 \underline{00 \phi} \phi$ |  |

PAYMENT
The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

## P.U.C. ORE. NO. E-27TWELFTHTHIRTEENTH REVISED SHEET NO. 9-3

SCHEDULE 9
LARGE GENERAL SERVICE
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the sum of the Service Charge and the Energy Charge at the following rates, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | Summer | Non-Summer |  |
| :---: | :---: | :---: | :---: |
| Service Charge, per month |  |  |  |
| Single Phase Service | \$ 10.25 | \$ 10.25 |  |
| Three Phase Service | \$ 17.35 | \$ 17.35 |  |
| Basic Charge, per kW of |  |  |  |
| Demand Charge, per kW of |  |  |  |
| Energy Charge, per kWh | 5.74017456 | $5.3246566 \phi$ | (1) |
| Facilities Charge |  |  |  |
| None |  |  |  |
| PRIMARY SERVICE | Summer | Non-Summer |  |
| Service Charge, per month | \$202.00 | \$202.00 |  |
| Basic Charge, per kW of |  |  |  |
| Basic Load Capacity | \$ 1.245 | \$ 1.245 | (I) |
| Demand Charge, per kW of |  |  |  |
| Billing Demand | \$ 5.94] | \$ 4.841 | (I) |
| On-Peak Demand Charge, per kW of |  |  |  |
| On-Peak Billing Demand | \$ $0.87 \underline{8}$ | n/a | (I) |
| Energy Charge, per kWh |  |  |  |
| On-Peak | $5.5419752 ¢$ | n/a | (I) |
| Mid-Peak | 5.2212525 ¢ | 4.780580924 | (I) |
| Off-Peak | 5.04524536 | 4.64867654 | (I) |

Facilities Charge
The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

Issued: May 31́, 20167 Effective with Service Rendered on and after: June 1, 20167

MONTHLY CHARGE (Continued)


## Facilities Charge

The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 15
DUSK TO DAWN CUSTOMER LIGHTING
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the per Unit Charge and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

1. Monthly Per Unit Charge on existing facilities:

## AREA LIGHTING

| High Pressure | Average | Monthly |
| :---: | :---: | :---: |
| Sodium Vapor | Lumens | Base Rate |
| 100 Watt | 8,550 | \$ 10.828 |
| 200 Watt | 19,800 | \$ 12,8897 |
| 400 Watt | 45,000 | \$ 17.5465 |

## FLOOD LIGHTING

| High Pressure | Average | Monthly |
| :---: | :---: | :---: |
| Sodium Vapor | Lumens | Base Rate |
| 200 Watt | 19,800 | \$ 15.5463 |
| 400 Watt | 45,000 | \$ 18.3647 |
| Metal Halide |  |  |
| 400 Watt | 28,800 | \$ 13.4957 |
| 1,000 Watt | 88,000 | \$ 21.4861 |

2. For New Facilities Installed Before August 8, 2005. The Monthly Charge for New Facilities installed, prior to August 8,2005 such as overhead secondary conductor, poles, anchors, etc., shall be 1.51 percent of the estimated installed cost thereof.
3. For New Facilities Installed On or After August 8, 2005. The non-refundable charge for New Facilities to be installed, such as underground service, overhead secondary conductor, poles, anchors, etc., shall be equal to the work order cost.

## PAYMENT

The monthly bill for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

## CANCELS

SCHEDULE 19
LARGE POWER SERVICE
(Continued)

## POWER FACTOR ADJUSTMENT

Where the Customer's Power Factor is less than 90 percent, as determined by measurement under actual load conditions, the Company may adjust the kW measured to determine the Billing Demand by multiplying the measured kW by 90 percent and dividing by the actual Power Factor.

## TEMPORARY SUSPENSION

When a Customer has properly invoked Rule G; Temporary Suspension of Demand, the Basic Load Capacity, the Billing Demand, and the On-Peak Billing Demand shall be prorated based on the period of such suspension in accordance with Rule G. In the event the Customer's metered demand is less than $1,000 \mathrm{~kW}$ during the period of such suspension, the Basic Load Capacity and Billing Demand will be set equal to $1,000 \mathrm{~kW}$ for purposes of determining the Customer's monthly Minimum Charge.

## MONTHLY CHARGE

The Monthly Charge is the sum of the Service Charge and the Energy Charge at the following rates, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | Summer | Non-Summer |
| :---: | :---: | :---: |
| Service Charge, per month | \$222.00 | \$222.00 |
| Basic Charge, per kW of Basic Load Capacity | \$ 0.60 | \$ 0.60 |
| Demand Charge, per kW of Billing Demand | \$ $5.04 \underline{7}$ | \$ 4.936 |
| On-Peak Demand Charge, per kW of On-Peak Billing Demand | \$ 0.83 | n/a |
| Energy Charge, per kWh On-Peak Mid-Peak Off-Peak | $\begin{align*} & 6.7574980 \phi  \tag{I}\\ & 5.45923204 \\ & 48083077 \end{align*}$ | $\begin{align*} & \text { n/a }  \tag{I}\\ & 5.7892210 \phi \\ & 4.7577856 \phi \end{align*}$ |

Facilities Charge
None

SCHEDULE 19
LARGE POWER SERVICE
(Continued)

## MONTHLY CHARGE (Continued)

| PRIMARY SERVICE | Summer | Non-Summer |  |
| :---: | :---: | :---: | :---: |
| Service Charge, per month | \$208.00 | \$208.00 |  |
| Basic Charge, per kW of Basic Load Capacity | \$ 1.245 | \$ 1.245 | (1) |
| Demand Charge, per kW of Billing Demand | \$ 6.004 | \$ 4.858 | (1) |
| On-Peak Demand Charge, per kW of On-Peak Billing Demand | \$ $0.87 \underline{8}$ | n/a | (1) |
| Energy Charge, per kWh |  |  |  |
| On-Peak | 5.97895444 | n/a | (1) |
| Mid-Peak | 4.80803696 | 4.589661716 | (1) |
| Off-Peak | 4.32835436 | 4.24844374 | (I) |

Facilities Charge
The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

SCHEDULE 19
LARGE POWER SERVICE
(Continued)
MONTHLY CHARGE (Continued)


## Facilities Charge

The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

## PAYMENT

The monthly bill for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.
P.U.C. ORE. NO. E-27 TWELFTHTHIRTEENTH REVISED SHEET NO. 24-3
SCHEDULE 24
AGRICULTURAL IRRIGATION SERVICE
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | In-Season | Out-of-Season |  |
| :---: | :---: | :---: | :---: |
| Service Charge, per month | \$ 16.85 | \$ 3.00 |  |
| Demand Charge, per kW of <br> Billing Demand <br> $\$ 7.8893$ \$ 0.00 |  |  |  |
| Energy Charge, per kWh In Season |  |  |  |
| First 164 kWh per kW of Demand | $7.2072505 \phi$ | n/a | (1) |
| All Other kWh | $6.8448859 ¢$ | n/a | (1) |
| Out-of-Season All kWh | n/a | 7.495654064 | (1) |
| Facilities Charge |  |  |  |
| None |  |  |  |
| TRANSMISSION SERVICE | In-Season | Out-of-Season |  |
| Service Charge, per month | \$144.00 | \$ 3.00 |  |
| Demand Charge, per kW of Billing Demand | \$ 7.516 | \$ 0.00 | (I) |
| Energy Charge, per kWh In Season |  |  |  |
| First 164 kWh per kW of Demand | $7.07661191 \not{ }^{4}$ | n/a | (I) |
| All Other kWh | 6.72306336 | n/a | (1) |
| Out-of-Season |  |  |  |
| Facilities Charge |  |  |  |
| The Company's investment in Company-owned | lities Beyond | of Delivery time |  |

SCHEDULE 40
17213
NONMETERED GENERAL SERVICE
(Continued)

## MONTHLY CHARGE

The average monthly kWh of energy usage shall be estimated by the Company, based on the Customer's electric equipment and one-twelfth of the annual hours of operation thereof. Since the service provided is nonmetered, failure of the Customer's equipment will not be reason for a reduction in the Monthly Charge. The Monthly Charge shall be computed at the following rate and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

| Energy Charge, per kWh | $9.152207 \varnothing$ |
| :--- | :---: |
| Minimum Charge, per month | $\$ 1.50$ |

## ADDITIONAL CHARGES

Applicable only to municipalities or agencies of federal, state, or county governments with an authorized Point of Delivery having the potential of intermittent variations in energy usage.

Intermittent Usage Charge, per unit, per month
$\$ 1.00$

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

By Timothy E. Tatum, Vice President, Regulatory Affairs 1221 West Idaho Street, Boise, Idaho

SCHEDULE 41
STREET LIGHTING SERVICE (Continued)

## SERVICE OPTIONS (Continued)

## "A" - Idaho Power-Owned, Idaho Power-Maintained Svstem (Continued)

## Accelerated Replacement of Existing Fixtures

In the event a Customer requests the Company perform an accelerated replacement of existing fixtures with the cut-off fixture, the following charges will apply:

1. The designed cost estimate which includes labor, time, and mileage costs for the removal of the existing street lighting fixtures.
2. $\quad \$ 132.00$ per fixture removed from service.

The total charges identified in 1 and 2 above must be paid prior to the beginning of the fixture replacement and are non-refundable. The accelerated replacement will be performed by the Company during the regularly scheduled working hours of the Company and on the Company's schedule.

## Monthly Charges

The Monthly Charges are as follows, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

Lamp Charges, per lamp (41A)

| Standard High Pressure <br> Sodium Vapor | Average <br> Lumens | Monthly <br> Base Rate |
| :--- | :--- | :--- |
| 70 Watt | 5,540 |  |
| 100 Watt | 8,550 | $8.54 \underline{9}$ |
| 200 Watt | 19,800 | $\$ 8.946$ |
| 250 Watt | 24,750 | $\$ 11.92 \underline{9}$ |
| 400 Watt | 45,000 | $\$ 13.00 \underline{8}$ |

## Pole Charges

For Company-owned poles required to be used for street lighting only:

| Wood pole | $\$ 1.90$ per pole |
| :--- | :--- |
| Steel pole | $\$ 7.39$ per pole |
| Facilities Charge |  |

Customers assessed a monthly facilities charge prior to August 8, 2005 for the installation of underground circuits will continue to be assessed a monthly facilities charge equal to 1.21 percent of the estimated cost difference between overhead and underground circuits.

[^2]P.U.C. ORE. NO. E-27TWELFTHTHIRTEENTH REVISED SHEET NO. 41-3

SCHEDULE 41
STREET LIGHTING SERVICE
(Continued)

## SERVICE OPTIONS(Continued)

"A" - Idaho Power-Owned, Idaho Power-Maintained System (Continued)
Monthly Charges (Continued)

## Payment

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.
"B" - Customer-Owned, Idaho Power-Maintained System - No New Service
The Customer's lighting system, including posts or standards, fixtures, initial installation of lamps and underground cables with suitable terminals for connection to the Company's distribution system, is installed and owned by the Customer and maintained by Idaho Power. Customer-owned lighting systems receiving maintenance under Option B must have Idaho Power standard wattage high pressure sodium vapor lamps installed in all street lighting fixtures.

Customer-owned systems constructed, operated, or modified in such a way as to allow for the potential or actual variation in energy usage, such as through, but not limited to, the use of wired outlets or useable plug-ins, are required to be metered in order to record actual energy usage.

## Energy and Maintenance Service

Energy and Maintenance Service includes operation of the system, energy, lamp renewals, cleaning of glassware, and replacement of defective photocells which are standard to the Company-owned street light units. Service does not include the labor or material cost of replacing cables, standards, broken glassware or fixtures, painting, or refinishing of metal poles. Individual lamps will be replaced on burnout as soon as reasonably possible after notification by the Customer and subject to the Company's operating schedules and requirements.

## Monthly Charges

The Monthly Charges are as follows, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

Non-Metered Service, per lamp (41B)

| Standard High Pressure Sodium Vapor <br> Energy and Maintenance Charges | Average <br> Lumens |  | Monthly <br> Base Rate |  |
| :--- | :---: | :--- | :--- | :--- |
|  |  |  |  |  |
| 70 Watt | 5,540 |  | $\$ 2.2930$ |  |
| 100 Watt | 8,550 |  | $\$ 2.7880$ |  |
| 200 Watt | 19,800 |  | $\$ 4.046$ |  |
| 250 Watt | 24,750 |  | $\$ 4.985 .02$ |  |
| 400 Watt | 45,000 |  | $\$ 7.0711$ |  |

[^3]SCHEDULE 41
STREET LIGHTING SERVICE
(Continued)

## Payment

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

## "C" - Customer-Owned, Customer-Maintained System

The Customer's lighting system, including posts or standards, fixtures, initial installation of lamps and underground cables with suitable terminals for connection to the Company's distribution system, is installed, owned, and maintained by the Customer. The Customer is responsible for notifying the Company of any changes or additions to the lighting equipment or loads being served under Option C-Non-Metered Service. Failure to notify the Company of such changes or additions will result in the termination of non-metered service under Option C and the requirement that service be provided under Option C - Metered Service.

All new Customer-owned lighting systems installed outside of Subdivisions on or after January 1, 2012 are required to be metered in order to record actual energy usage.

Customer-owned systems installed prior to June 1, 2004 that are constructed, operated, or modified in such a way as to allow for the potential or actual variation in energy usage may have the estimated annual variations in energy usage charged the Non-Metered Service - Energy Charge until the street lighting system is converted to Metered Service, or until the potential for variations in energy usage has been eliminated, whichever is sooner.

## Monthly Charges

The monthly charges are as follows, and may also include charges as set forth in Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), and Schedule 95 (Adjustment for Municipal Franchise Fees). For non-metered service, the average monthly kWh of energy usage shall be estimated by the Company based on the total wattage of the Customer's lighting system and 4,059 hours of operation.

Non-Metered Service (41C)
Energy Charge, per kWh
4.13358 $\phi$

Metered Service (41CM)
$\begin{array}{ll}\text { Service Charge, per meter } & \$ 2.88 \\ \text { Energy Charge, per kWh } & 4.133 \underline{58} \phi\end{array}$
(I)

SCHEDULE 42
TRAFFIC CONTROL SIGNAL LIGHTING SERVICE

## APPLICABILITY

Service under this schedule is applicable to Electric Service required for the operation of traffic control signal lights within the State of Oregon. Traffic control signal lamps are mounted on posts or standards by means of brackets, mast arms, or cable.

## CHARACTER OF SERVICE

The traffic control signal fixtures, including posts or standards, brackets, mast arm, cable, lamps, control mechanisms, fixtures, service cable, and conduit to the point of, and with suitable terminals for, connection to the Company's underground or overhead distribution system, are installed, owned, maintained and operated by the Customer. Service is limited to the supply of energy only for the operation of traffic control signal lights.

The installation of a meter to record actual energy consumption is required for all new traffic control signal lighting systems installed on or after August 8, 2005. For traffic control signal lighting systems installed prior to August 8 , 2005 a meter may be installed to record actual usage upon the mutual consent of the Customer and the Company.

## MONTHLY CHARGE

The monthly kWh of energy usage shall be either the amount estimated by the Company based on the number and size of lamps burning simultaneously in each signal and the average number of hours per day the signal is operated, or the actual meter reading as applicable. The Monthly Charge shall be computed at the following rate, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

$$
\text { Energy Charge, per kWh } 9.064118 \not \subset
$$

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

MONTHLY CHARGE (Continued)

|  | Summer | Non-Summer |
| :---: | ---: | :---: |
| Energy Charge, per kWh |  |  |
| $0-500 \mathrm{kWh}$ | $7.7700 \phi$ | $7.7700 \phi$ |
| Over 500 kWh | $10.3421 \phi$ | $8.5700 \phi$ |

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 9
LARGE GENERAL SERVICE
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the sum of the Service Charge and the Energy Charge at the following rates, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | Summer | Non-Summer |
| :---: | :---: | :---: |
| Service Charge, per month |  |  |
| Single Phase Service | \$ 10.25 | \$ 10.25 |
| Three Phase Service | \$ 17.35 | \$ 17.35 |
| Basic Charge, per kW of Basic Load Capacity | \$ 0.75 | \$ 0.75 |
| Demand Charge, per kW of Billing Demand | \$ 6.04 | \$ 4.54 |
| Energy Charge, per kWh | $5.7745 ¢$ | $5.3566 ¢$ |
| Facilities Charge |  |  |
| PRIMARY SERVICE | Summer | Non-Summer |
| Service Charge, per month | \$202.00 | \$202.00 |
| Basic Charge, per kW of |  |  |
| Demand Charge, per kW of Billing Demand | \$ 5.98 | \$ 4.87 |
| On-Peak Demand Charge, per kW of On-Peak Billing Demand | \$ 0.88 | n/a |
| Energy Charge, per kWh |  |  |
| On-Peak | 5.5752ф | n/a |
| Mid-Peak | 5.2525¢ | 4.8092¢ |
| Off-Peak | 5.0453¢ | 4.6765 ¢ |

## Facilities Charge

The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.
Issued by IDAHO POWER COMPANY
By Timothy E. Tatum, Vice President, Regulatory Affairs
1221 West Idaho Street, Boise, Idaho

| Advice No. 16-16 | APPENDIX A |
| :--- | :--- |
|  | Page 39 of 57 |

ORDER NO.

## (Continued)



Facilities Charge
The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

Issued by IDAHO POWER COMPANY
By Timothy E. Tatum, Vice President, Regulatory Affairs 1221 West Idaho Street, Boise, Idaho

Advice No. 16-16

Issued: May 5, 2017

SCHEDULE 15
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the per Unit Charge and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

1. Monthly Per Unit Charge on existing facilities:

|  | AREA LIGHTING |  |  |
| :--- | :---: | :--- | :--- |
|  |  |  |  |
| High Pressure | Average |  | Monthly |
| Sodium Vapor | Lumens |  | Base Rate |
|  |  |  |  |
| 100 Watt | 8,550 |  | $\$ 10.88$ |
| 200 Watt | 19,800 |  | $\$ 12.97$ |
| 400 Watt | 45,000 |  | $\$ 17.65$ |

## FLOOD LIGHTING

| High Pressure <br> Sodium Vapor | Average <br> Lumens |  | Monthly <br> Base Rate |
| :--- | :--- | :--- | :--- |
| 200 Watt |  |  |  |
| 400 Watt |  | 19,800 |  |
| Metal Halide |  |  | $\$ 15.63$ |
| M5,000 |  | $\$ 18.47$ |  |
| 400 Watt |  |  |  |
| 1,000 Watt | 28,800 | $\$ 13.57$ |  |
|  | 88,000 | $\$ 21.61$ |  |

2. For New Facilities Installed Before August 8, 2005. The Monthly Charge for New Facilities installed, prior to August 8,2005 such as overhead secondary conductor, poles, anchors, etc., shall be 1.51 percent of the estimated installed cost thereof.
3. For New Facilities Installed On or After August 8, 2005. The non-refundable charge for New Facilities to be installed, such as underground service, overhead secondary conductor, poles, anchors, etc., shall be equal to the work order cost.

## PAYMENT

The monthly bill for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

[^4]SCHEDULE 19
LARGE POWER SERVICE
(Continued)

## POWER FACTOR ADJUSTMENT

Where the Customer's Power Factor is less than 90 percent, as determined by measurement under actual load conditions, the Company may adjust the kW measured to determine the Billing Demand by multiplying the measured kW by 90 percent and dividing by the actual Power Factor.

## TEMPORARY SUSPENSION

When a Customer has properly invoked Rule G, Temporary Suspension of Demand, the Basic Load Capacity, the Billing Demand, and the On-Peak Billing Demand shall be prorated based on the period of such suspension in accordance with Rule $G$. In the event the Customer's metered demand is less than $1,000 \mathrm{~kW}$ during the period of such suspension, the Basic Load Capacity and Billing Demand will be set equal to $1,000 \mathrm{~kW}$ for purposes of determining the Customer's monthly Minimum Charge.

## MONTHLY CHARGE

The Monthly Charge is the sum of the Service Charge and the Energy Charge at the following rates, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | Summer | Non-Summer |
| :---: | :---: | :---: |
| Service Charge, per month | \$222.00 | \$222.00 |
| Basic Charge, per kW of Basic Load Capacity | \$ 0.60 | \$ 0.60 |
| Demand Charge, per kW of Billing Demand | \$ 5.07 | \$ 4.96 |
| On-Peak Demand Charge, per kW of On-Peak Billing Demand | \$ 0.83 | n/a |
| Energy Charge, per kWh On-Peak Mid-Peak Off-Peak | $\begin{aligned} & 6.7980 \phi \\ & 5.4920 \phi \\ & 4.9277 \phi \end{aligned}$ | $\begin{gathered} n / a \\ 5.2210 \phi \\ 4.7856 \phi \end{gathered}$ |

Facilities Charge
None

Issued by IDAHO POWER COMPANY
By Timothy E. Tatum, Vice President, Regulatory Affairs
1221 West Idaho Street, Boise, Idaho

ORDER NO.
17213

SCHEDULE 19
LARGE POWER SERVICE
(Continued)

MONTHLY CHARGE (Continued)

| PRIMARY SERVICE | Summer | Non-Summer |  |
| :---: | :---: | :---: | :---: |
| Service Charge, per month | \$208.00 | \$208.00 |  |
| Basic Charge, per kW of Basic Load Capacity | \$ 1.25 | \$ 1.25 | (1) |
| Demand Charge, per kW of Billing Demand | \$ 6.04 | \$ 4.88 | (1) |
| On-Peak Demand Charge, per kW of On-Peak Billing Demand | \$ 0.88 | n/a | (I) |
| Energy Charge, per kWh |  |  |  |
| On-Peak | 5.9544¢ | n/a | (I) |
| Mid-Peak | 4.8369 ${ }^{\text {d }}$ | 4.6171 ${ }^{\text {d }}$ | (I) |
| Off-Peak | 4.3543 6 | 4.2437 $¢$ | (I) |

## Facilities Charge

The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

ORDER NO.

SCHEDULE 19
LARGE POWER SERVICE
(Continued)

## MONTHLY CHARGE (Continued)

| TRANSMISSION SERVICE | Summer | Non-Summer |  |
| :--- | :--- | :--- | :--- |
| Service Charge, per month | $\$ 215.00$ | $\$ 215.00$ |  |
| Basic Charge, per kW of <br> Basic Load Capacity | $\$ 0.33$ | $\$ 0.33$ |  |
| Demand Charge, per kW of <br> Billing Demand | $\$ 4.98$ | $\$ 4.70$ | (I) |
| On-Peak Demand Charge, per kW of <br> On-Peak Demand | $\$ 0.96$ | n/a |  |
| Energy Charge, per kWh |  |  | (I) |
| On-Peak |  |  |  |
| Mid-Peak | $5.7956 \phi$ | n/a | (I) |
| Off-Peak | $4.7565 \phi$ | $4.5361 \phi$ | (I) |

## Facilities Charge

The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

## PAYMENT

The monthly bill for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

ORDER NO.
17213

SCHEDULE 24
AGRICULTURAL IRRIGATION SERVICE
(Continued)

## MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), Schedule 95 (Adjustment for Municipal Exactions), and Schedule 98 (Residential and Small Farm Energy Credit).

| SECONDARY SERVICE | In-Season | Out-of-Season |
| :---: | :---: | :---: |
| Service Charge, per month | \$ 16.85 | \$ 3.00 |
| Demand Charge, per kW of Billing Demand | \$ 7.93 | \$ 0.00 |
| Energy Charge, per kWh In Season |  |  |
| First 164 kWh per kW of Demand | 7.2505 ${ }^{\text {¢ }}$ | n/a |
| All Other kWh | $6.8859 \not ¢$ | n/a |
| Out-of-Season All kWh | n/a | $7.5406 \phi$ |
| Facilities Charge |  |  |
| None |  |  |
| TRANSMISSION SERVICE | In-Season | Out-of-Season |
| Service Charge, per month | \$144.00 | \$ 3.00 |
| Demand Charge, per kW of Billing Demand | \$ 7.56 | \$ 0.00 |
| Energy Charge, per kWh In Season |  |  |
| First 164 kWh per kW of Demand | 7.1191ф | n/a |
| All Other kWh | 6.7633ф | n/a |
| Out-of-Season All kWh | n/a | 7.4002ф |

Facilities Charge
The Company's investment in Company-owned Facilities Beyond the Point of Delivery times 1.41 percent.

Issued by IDAHO POWER COMPANY
By Timothy E. Tatum, Vice President, Regulatory Affairs
1221 West Idaho Street, Boise, Idaho
Advice No. 16-16

Issued: May 5, 2017
Effective with Service Rendered on and after: June 1, 2017

## P.U.C. ORE. NO. E-27 FOURTEENTH REVISED SHEET NO. 40-2

SCHEDULE 40
NONMETERED GENERAL SERVICE
(Continued)

## MONTHLY CHARGE

The average monthly kWh of energy usage shall be estimated by the Company, based on the Customer's electric equipment and one-twelfth of the annual hours of operation thereof. Since the service provided is nonmetered, failure of the Customer's equipment will not be reason for a reduction in the Monthly Charge. The Monthly Charge shall be computed at the following rate and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).
Energy Charge, per kWh
$9.207 \phi$
Minimum Charge, per month
\$ 1.50

## ADDITIONAL CHARGES

Applicable only to municipalities or agencies of federal, state, or county governments with an authorized Point of Delivery having the potential of intermittent variations in energy usage.

Intermittent Usage Charge, per unit, per month \$ 1.00

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 41
STREET LIGHTING SERVICE (Continued)

## SERVICE OPTIONS (Continued)

## "A" - Idaho Power-Owned, Idaho Power-Maintained System (Continued)

## Accelerated Replacement of Existing Fixtures

In the event a Customer requests the Company perform an accelerated replacement of existing fixtures with the cut-off fixture, the following charges will apply:

1. The designed cost estimate which includes labor, time, and mileage costs for the removal of the existing street lighting fixtures.
2. $\$ 132.00$ per fixture removed from service.

The total charges identified in 1 and 2 above must be paid prior to the beginning of the fixture replacement and are non-refundable. The accelerated replacement will be performed by the Company during the regularly scheduled working hours of the Company and on the Company's schedule.

## Monthly Charges

The Monthly Charges are as follows, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

Lamp Charges, per lamp (41A)

| Standard High Pressure | Average | Monthly |
| :---: | :---: | :---: |
| Sodium Vapor | Lumens | Base Rate |
| 70 Watt | 5,540 | \$ 8.59 |
| 100 Watt | 8,550 | \$ 8.96 |
| 200 Watt | 19,800 | \$ 11.99 |
| 250 Watt | 24,750 | \$ 13.08 |
| 400 Watt | 45,000 | \$ 14.92 |

## Pole Charges

For Company-owned poles required to be used for street lighting only:

| Wood pole | $\$ 1.90$ per pole |
| :--- | :--- | :--- |
| Steel pole | $\$ 7.39$ per pole |

## Facilities Charge

Customers assessed a monthly facilities charge prior to August 8, 2005 for the installation of underground circuits will continue to be assessed a monthly facilities charge equal to 1.21 percent of the estimated cost difference between overhead and underground circuits.

[^5]OREGON
Issued: May 5, 2017

SCHEDULE 41
(Continued)

## SERVICE OPTIONS(Continued)

## " A " - Idaho Power-Owned, Idaho Power-Maintained System (Continued)

Monthly Charges (Continued)

## Payment

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

## "B" - Customer-Owned, Idaho Power-Maintained System - No New Service

The Customer's lighting system, including posts or standards, fixtures, initial installation of lamps and underground cables with suitable terminals for connection to the Company's distribution system, is installed and owned by the Customer and maintained by Idaho Power. Customer-owned lighting systems receiving maintenance under Option B must have Idaho Power standard wattage high pressure sodium vapor lamps installed in all street lighting fixtures.

Customer-owned systems constructed, operated, or modified in such a way as to allow for the potential or actual variation in energy usage, such as through, but not limited to, the use of wired outlets or useable plug-ins, are required to be metered in order to record actual energy usage.

## Energy and Maintenance Service

Energy and Maintenance Service includes operation of the system, energy, lamp renewals, cleaning of glassware, and replacement of defective photocells which are standard to the Company-owned street light units. Service does not include the labor or material cost of replacing cables, standards, broken glassware or fixtures, painting, or refinishing of metal poles. Individual lamps will be replaced on burnout as soon as reasonably possible after notification by the Customer and subject to the Company's operating schedules and requirements.

## Monthly Charges

The Monthly Charges are as follows, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

Non-Metered Service, per lamp (41B)


SCHEDULE 41
STREET LIGHTING SERVICE
(Continued)

## Payment

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

## "C" - Customer-Owned, Customer-Maintained System

The Customer's lighting system, including posts or standards, fixtures, initial installation of lamps and underground cables with suitable terminals for connection to the Company's distribution system, is installed, owned, and maintained by the Customer. The Customer is responsible for notifying the Company of any changes or additions to the lighting equipment or loads being served under Option C-Non-Metered Service. Failure to notify the Company of such changes or additions will result in the termination of non-metered service under Option C and the requirement that service be provided under Option C - Metered Service.

All new Customer-owned lighting systems installed outside of Subdivisions on or after January 1, 2012 are required to be metered in order to record actual energy usage.

Customer-owned systems installed prior to June 1, 2004 that are constructed, operated, or modified in such a way as to allow for the potential or actual variation in energy usage may have the estimated annual variations in energy usage charged the Non-Metered Service - Energy Charge until the street lighting system is converted to Metered Service, or until the potential for variations in energy usage has been eliminated, whichever is sooner.

## Monthly Charges

The monthly charges are as follows, and may also include charges as set forth in Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), and Schedule 95 (Adjustment for Municipal Franchise Fees). For non-metered service, the average monthly kWh of energy usage shall be estimated by the Company based on the total wattage of the Customer's lighting system and 4,059 hours of operation.

Non-Metered Service (41C)

Energy Charge, per kWh
Metered Service (41CM)
Service Charge, per meter \$2.88
Energy Charge, per kWh
4.158 $\psi$
$4.158 \phi$

SCHEDULE 42
TRAFFIC CONTROL SIGNAL
LIGHTING SERVICE

## APPLICABILITY

Service under this schedule is applicable to Electric Service required for the operation of traffic control signal lights within the State of Oregon. Traffic control signal lamps are mounted on posts or standards by means of brackets, mast arms, or cable.

## CHARACTER OF SERVICE

The traffic control signal fixtures, including posts or standards, brackets, mast arm, cable, lamps, control mechanisms, fixtures, service cable, and conduit to the point of, and with suitable terminals for, connection to the Company's underground or overhead distribution system, are installed, owned, maintained and operated by the Customer. Service is limited to the supply of energy only for the operation of traffic control signal lights.

The installation of a meter to record actual energy consumption is required for all new traffic control signal lighting systems installed on or after August 8, 2005. For traffic control signal lighting systems installed prior to August 8, 2005 a meter may be installed to record actual usage upon the mutual consent of the Customer and the Company.

## MONTHLY CHARGE

The monthly kWh of energy usage shall be either the amount estimated by the Company based on the number and size of lamps burning simultaneously in each signal and the average number of hours per day the signal is operated, or the actual meter reading as applicable. The Monthly Charge shall be computed at the following rate, and may also include charges as set forth in Schedule 55 (Annual Power Cost Update), Schedule 56 (Power Cost Adjustment Mechanism), Schedule 91 (Energy Efficiency Rider), Schedule 93 (Solar Photovoltaic Pilot Program Rider), and Schedule 95 (Adjustment for Municipal Exactions).

Energy Charge, per kWh $9.118 \not \subset$

## PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

# BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON 

## UM 1801

## Attachment 4

to
Stipulation

|  |  |  | SEED <br> DEPREC | O POWER C <br> N PARAMET OREGON <br> STAFF's | ANY <br> COMPARISON <br> oposal |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | ACCOUNT | SURVIVOR CURVE | NET SALVAGE PERCENT | SURVIVOR CURVE | SALVAGE PERCENT |
|  | (1) | (2) | (3) | (6) | (7) |
|  | ELECTRIC PLANT |  |  |  |  |
|  | JIM GRIDGER STEAM PRODUCTION PLANT |  |  |  |  |
| 31020 | LANO AND WATER RIGHTS | 75-R4 | 0 | 75-R4 | 0 |
| 31100 | STRUCTURES ANDIMPROVEMENTS | $100-50.5$ | (10) | 100.59 | (9) |
| 31210 | ЭOLLER PLANT EQUIPMENT - SCFUUBBERS | 6c-s 1 | (10) | E0-S1 | (9) |
| 31220 | BOLLER PLANT EQUIPMENT - OTHER | 53-R15 | (10) | 53-R15 | (9) |
| 31230 | 3OKER PLANT EQUPMENT - RALCCARS | $30-\mathrm{R} 3$ | 0 | $31 . \mathrm{R} 3$ | 20 |
| 31400 | TURGOGENERATOR UNITS | 45-50 5 | (7) | $45-505$ | (6) |
| 31500 | AGCESSORY ELECTRIC EQUPMENT | 60.315 | (5) | E0-S15 | (4) |
| 31600 | MISCELLANEOUS POWER PLANT EQUIPTAENT | 35-SG | (2) | $35-50$ | 2 |
| 31510 | MISCELLANEOUS POWER PLANT EOUIPMENT - ALTTOMOBILES | 13-L2 | 15 | 13-L2 | 15 |
| 31640 | MISCEELLANEOUS POWER PLANT ETUIPMENT - SMALI TRUCKS | 13-12 | 15 | $13 . \mathrm{L} 2$ | 15 |
| 31650 | MISCELLANEOUS POWER PLANT EQUIPMENT - MISCELLANEOUS | 13-12 | 15 | 13.L2 | 15 |
| 31670 | MISCELLANEOUS POWER PLANT ECUIP -LARGE TRUCKS | 21-S1 | 15 | 21-81 | 15 |
| 31680 | MISCELLANEOUS POWER PLANT EQLIP - POWER OPERATEO EQUIFMENT | 20-07 | 25 | 20.01 | 25 |
| 31690 | NISCELLANEOUS POWER PLANT EOL: | $35-51$ | 15 | 35-51 | 15 |
|  | HYDRALLIC PRODUCTION PLANT |  |  |  |  |
| 33100 | STRUCTURES AVD IMFROVEMENTS |  |  |  |  |
|  | HGGERMAN MAIMTENANGEE 5HOP | 115-2. 5 | (25) | 115.825 | (25) |
|  | MILNEER DAM | 115-22 5 | (25) | 115-R25 | (35) |
|  | NIAGARA SPRINGS HATCHERY | 115-R2 5 | (2) | 115.825 | ${ }^{125} 5$ |
|  | HELLE CANYON MAENTENANSE SHCP | 119 -REs | (25) | 115.225 | 12 S |
|  | FAFID RIVER HATCHERY | 115-R25 | (25) | 115.225 | (25) |
|  | AMERICAN FRLLS | 115-F2 5 | (25) | 115-R2 5 | (25) |
|  | GROWNLEE | 115-R2 5 | (25) | 115 R2 5 | (25) |
|  | 9Liss | $115-\mathrm{fl2} 5$ | (25) | 115-F2 25 | (25) |
|  | CRscade | $115-\mathrm{Pa} 25$ | (25) | $115-\mathrm{Fz} 25$ | (25) |
|  | CLEAR LAKE | T15-R23 | (25) | $115-\mathrm{R2} 5$ | (25) |
|  | HELLS CAVYON | 7 TS-R2 5 | \{25) | $115+2.25$ | (25) |
|  | LOWER MALAD | 4150 FR 25 | (2S) | 715-F2 ${ }^{\text {S }}$ | (25) |
|  | LOWER SALMON | T15-R2 5 | i25) | 119-R25 | (25) |
|  | MLINER | $115-R 25$ $115-R 25$ | (25) (25) | $115-\mathrm{R} 25$ $115-\mathrm{F} 25$ | $\left(\begin{array}{l}25 \\ (25) \\ \hline 25\end{array}\right.$ |
|  | OXBOW | 115-R2 5 | (25) | 115-R25 | (25) |
|  | OXBOW COMMON | 115-22 | (25) | 115-R25 | (25) |
|  | PAHSIMEROI ACGIJMULATING POMOS | 111-P. 25 | (2S) | $115-\mathrm{R} 25$ | (25) |
|  | PAHSIMEROI TRAPPING | $115-\mathrm{R2} 5$ | (25) | 115-825 | (25) |
|  | SHOSTHONE FALIS | 115-R25 | (25) | 115-R2 5 | (25) |
|  | STRIKE | 115-R2 5 | (25) | $115-\mathrm{R} 25$ | (25) |
|  | SWAN $\#$ ALLS | 175-R2 5 | \{25) | 115-R2.5 | (25) |
|  | TWINFALLS | 4-5-R25 | (25) | 1115.R25 | (25) |
|  | TWIN FRNLS (NEN) | A11.R25 | (25) | 115-R2 5 | (25) |
|  | THCUSAND SPRINGS | 115-R2. 5 | (25) | 115-R2 5 | (25) |
|  | UPPER MALAC | 115-R25 | (25) | 115-R25 | (25) |
|  | UPPER SALMON A | $115-\mathrm{R} 25$ | (25) | 115 -R2 5 | - (25) |
|  | UPPER SRLMONE | 115.525 | ${ }^{(25)}$ | 1115R25 | (25) |
|  | UPPER SALNON CCMM | 115-R2S | (25) | 115-R2 5 | (25) |



## orderno. 17213




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- LIFE SPAN PROCEOUPE IS USEO CURVE SHOWIN IS INTERIM SURVIVOR CURVE


[^0]:    ${ }^{2}$ See Idaho Power/100-102.

[^1]:    

[^2]:    Issued by IDAHO POWER COMPANY
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