

**BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON**

UE 440

In the Matter of

IDAHO POWER COMPANY,

ORDER

Advice No. No. 24-01, Schedule 84-Customer  
Energy Production Net Metering.

**DISPOSITION: STAFF'S RECOMMENDATION ADOPTED WITH MODIFICATIONS**

This order memorializes our decision, made and effective at our May 28, 2024 Regular Public Meeting, to adopt Staff's recommendation in this matter with modifications. We approve Idaho Power Company's Schedule 84 with the condition that the company modify the tariff in two ways. First, is to clarify that the six-month offline period is from the date of customer notice. Second, the Oregon legacy date from February 29, 2024, is changed to June 1, 2024. Further, we waive OAR 860-039-0010 through 860-039-0080 for a period of 90 days to allow the company to file more targeted waivers to the provisions that are inconsistent with its Idaho operations.

The Staff Report with the recommendation is attached as Appendix A.

Made, entered, and effective May 31 2024.



**Megan W. Decker**  
Chair



**Letha Tawney**  
Commissioner



**Les Perkins**  
Commissioner

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 Circuit Court for Marion County in compliance with ORS 183.484.

ITEM NO. RA3

**PUBLIC UTILITY COMMISSION OF OREGON  
STAFF REPORT  
PUBLIC MEETING DATE: May 28, 2023**

**REGULAR**   X   **CONSENT**        **EFFECTIVE DATE**       June 1, 2024      

**DATE:** May 17, 2023

**TO:** Public Utility Commission

**FROM:** Curtis Dlouhy

**THROUGH:** Caroline Moore and Scott Gibbens **SIGNED**

**SUBJECT:** IDAHO POWER COMPANY:  
(Docket No. ADV 1600/Advice No. 24-01)  
Request to modify Schedule 84 Net Metering tariff.

**STAFF RECOMMENDATION:**

Staff recommends the Commission approve Idaho Power Company's (Idaho Power, IPC, or Company) Advice No. 24-01 to update to Schedule 84 with an effective date of June 1, 2024.

**DISCUSSION:**

Issue

Whether the Commission should approve Advice No. 24-01, Idaho Power's request to update its Schedule 84 (Customer Energy Production Net Metering).

Applicable Law

OAR 860-022-0025 requires that filings revising tariffs include statements showing the change in rates, the number of customers affected and resulting change in annual revenue, and the reasons for the tariff revision.

Energy utilities must file tariffs for services provided to retail customers pursuant to ORS 757.205 and 757.210. The Commission may approve tariff changes if they are deemed to be fair, just, and reasonable.

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ORS 757.300 outlines net metering conditions for connecting and measuring energy, rules, and applications to out of state utilities. ORS 757.300(1)(c) defines net metering as “measuring the difference between the electricity supplied by an electric utility and the electricity generated by a customer-generator and fed back to the electric utility over the applicable billing period.”

ORS 757.300(2)(c) states that an electric utility that offers residential and commercial electric service “may not charge a customer-generator a fee or charge that would increase the customer-generator’s minimum monthly charge to an amount greater than that of other customers in the same rate class as the customer-generator.”

ORS 757.300(6) allows the Commission to approve offerings for customer generators that differ from net metering when the cumulative generating capacity of net metering systems exceeds one-half of one percent of a utility’s historic single hour peak load. When deciding to approve an offering that differs from net metering, the Commission shall:

- Make the decision following notice and opportunity for public comment;
- Balance the interests of retail customers; and
- Consider the environmental and other public policy benefits of net metering systems.

ORS 757.300(9) states:

Notwithstanding subsections (2) to (8) of this section, an electric utility serving fewer than 25,000 customers in Oregon that has its headquarters located in another state and offers net metering services or a substantial equivalent offset against retail sales in that state shall be deemed to be in compliance with this section if the electric utility offers net metering services to its customers in Oregon in accordance with tariffs, schedules and other regulations promulgated by the appropriate authority in the state where the electric utility’s headquarters are located.

## Analysis

### *Background*

In ADV 1539, filed September 15, 2023, the Company proposed changes to its Oregon Schedule 84 to align this schedule with the Company’s proposed on-site generation offering in its Idaho service territory. At the time, Oregon Schedule 84 directed customers to the Company’s Idaho tariffs for details about the Company’s on-site

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generation offering, and the Company had an active docket to update its Idaho on-site generation offering before the Idaho Commission.<sup>1</sup>

On December 18, 2023, the Oregon Commission issued Order No. 23-479, which permanently suspended the Company's ADV 1539 filing to update its Oregon Schedule 84 and directed the Company to refile once approval in Idaho was complete. The Commission shared Staff's concern that the Company's proposed tariff revisions left confusion about the aspects of the Idaho offerings that apply to Oregon customers. Further, the Commission expressed significant concerns about whether the Company's proposal can be justified using ORS 747.300(9) and directed the Company to justify its next filing, at least in part, under ORS 747.300(6).<sup>2</sup>

The Idaho Commission approved the Company's and Idaho PUC Staff's proposed changes to the Idaho Schedule 84 on December 29, 2023, effective January 1, 2024.<sup>3</sup> This decision adopted changes to the Company's on-site generation structure to implement a time-varying compensation structure called the Export Credit Rate (ECR) based on an Idaho Commission-directed avoided cost study called the Value of Distributed Energy Resources (VODER).<sup>4</sup> To address some inconsistencies between the existing Oregon Schedule 84 and the Company's new on-site generation offering in Idaho, the Company filed a temporary fix, which was approved by the Commission in UE 431.<sup>5</sup>

On February 29, 2024, Idaho Power filed to update its Oregon on-site generation offering in Schedule 84 as directed by the Commission in Order No. 23-479, docketed as ADV 1600. The proposed changes are the subject of this filing.

#### *Summary of Proposed Changes to Oregon Schedule 84*

The Company's proposed Schedule 84 makes a variety of changes to the Company's on-site generation offering in its Oregon service territory. The only proposed difference between the Company's proposed Oregon and approved Idaho offerings is the cutoff date for legacy service. Following Staff concerns about messaging and possible customer confusion in ADV 1539, the Company proposes to consider any customer with existing on-site generation or a pending interconnection request prior to February 29, 2024, as legacy customer.<sup>6</sup> The Company describes that this date was

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<sup>1</sup> See Idaho PUC Case No. IPC-E-23-14,

<sup>2</sup> Staff notes that ORS 747.300(6) requires notice and opportunity for public comment.

<sup>3</sup> See Idaho Order No. 36048.

<sup>4</sup> The VODER was previously reviewed and approved by Idaho Commission in dockets IPC-E-21-21 and IPC-E-22-22.

<sup>5</sup> *In the Matter of Idaho Power Company, Request to Modify Schedule 84 Net Metering*, UE 431, Order No. 23-501 (December 29, 2023).

<sup>6</sup> See the Company's Initial Filing, Page 22.



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meant to be sensitive to Staff's previous concerns in ADV 1539 while avoiding a "run on the bank" scenario of having a huge glut of solar installations between the filing date (February 29, 2024) and the proposed effective date (June 1, 2024).<sup>7</sup>

For Oregon customers that do not qualify under the legacy definition, the most significant change is the compensation framework. Currently, Oregon on-site generation customers receive compensation for excess generation through a monthly kWh netting framework with the ability to roll excess kWhs over to future months within a 12-month period. Under the Company's proposal, customers will be compensated using a time-varying export credit rate (ECR) that aligns the compensation for exported customer generation with the Company's estimated system hourly costs. This time varying rate would be updated periodically as new data on avoided energy, transmission, distribution, and other costs become available. Currently, the ECR compensates customers between 4.8 cents per kWh and 17 cents per kWh depending on both the time of day and season that they export excess generation. The Company estimates that the average ECR would be approximately 6.18 cents per kWh annually.<sup>8</sup> The Company's current retail rate is 8.4275 cents per kWh, which is likely to change depending on the outcome of Idaho Power's current general rate case, UE 426.

#### *Analysis of ORS 757.300(9)*

Under ORS 757.300(9), Idaho Power can offer on-site generation to its customers in Oregon in accordance with tariffs, schedules, and other regulations in Idaho if the Idaho offering is net metering or a substantial equivalent offset against retail sales. In Order No. 23-479, the Commission echoed Staff's concerns about whether the proposed ECR compensation framework could be considered net metering, or a substantial equivalent offset against the retail rate.

Despite these concerns, the Company continues to focus on justifying the ECR compensation framework under the definition of net metering in Oregon Statute, arguing that the Company's net billing proposal still measures the differences between electricity supplied by an electric utility and the electricity generated and fed back to the system by a customer generator over the billing period, albeit on an intra-day billing increment, due to technological advancements. Staff notes that, under the Company's approach, customers would be compensated at a different rate for exported generation than they would be charged for their own consumption during the same period, seemingly in conflict with the layperson's understanding of net metering. The Company also states that its customer generation offering has changed numerous times between the passage of ORS 757.300 and now.<sup>9</sup>

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<sup>7</sup> See the Company's Initial Filing, page 22.

<sup>8</sup> See Page 4 of OSSIA's Comments filed on April 29, 2024.

<sup>9</sup> See the Company's Initial Filing, Page 15.

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The Company also argues that, if the ECR were not net metering, it still provides a substantial equivalent against retail sales. In its comments, the Company supports this position by asserting that the “substantial equivalent offset” language in subsection (9), which was proposed by Idaho Power, was meant to allow for a program that that it refers to as “net billing.” The Company also states that the Oregon legislature understood and expected that subsection (9) would apply to a compensation framework that does not credit excess energy at the retail rate, citing minutes from when HB 3219 appeared before the Oregon Senate. The meeting minutes contained in the Company’s initial filing are reproduced below.

|     |                |   |
|-----|----------------|---|
| 097 | John Brenneman | Lobbyist, Idaho Power. Testifies in opposition to HB 3219. Notes he has concerns about HB 3219 in its current form. Explains Idaho Power has a net billing tariff in place. Adds the tariff includes an additional charge to customers who use net billing, which reduces revenue losses to Idaho Power. Comments that customers of Idaho Power can generate their own electricity, reduce their consumption, purchase backup service, or sell the output of their generating facilities at market base prices. Comments he would like to work with the amendments presented. |
| 119 | Chair Witt     | Asks if Brenneman has proposed amendments.  |
| 120 | Brenneman      | States he does not have any amendments, but would like to work with the amendments proposed today.  |
| 123 | Chair Witt     | Suggests Brenneman work with the PUC and PGE on amendments.   |

Staff does not believe the Idaho Power lobbyist’s statements establish the legislature’s intention to allow Idaho Power to implement ECR. Instead, it appears the Idaho Power lobbyist is referring to a customer-generator’s options with respect to its generation, not the legislature’s options for valuing the rate at which the generation can be credited. A customer generator can either enter into a net metering (some states call it net billing) arrangement with its host electric utility using one meter that nets output against usage or choose to “sell the output if their generating facilities at market base[d] prices.” The latter transaction would involve two meters, one to measure the output sold at market-based rates, and one to measure the input billed at retail rates, with the sale being subject to FERC jurisdiction.

The abbreviated summary of the Idaho Power lobbyist’s statements in the Committee Minutes is similar to a discussion of a customer-generator options in a 2001 FERC opinion. In that opinion, FERC considered MidAmerican’s petition for a declaratory ruling that the State of Iowa’s net billing program was unlawful because it either violated the PURPA requirement that generators be compensated at no more than the avoided

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cost rate or was wholesale sale subject to federal jurisdiction.<sup>10</sup> FERC noted that comments filed by NARUC case showed that 20 states had net metering or net billing policies and that each program presented the same questions raised by MidAmerican. FERC concluded that the issue came down to how “measure the transaction between MidAmerican and those entities that have installed generation on their premises.” FERC found there is no sale subject to FERC jurisdiction when an individual installs generation and accounts for its dealings with the utility through the practice of netting. FERC noted that “[w]hen there is a net sale to a utility, and the individual’s generation is not a QF, the individual would need to comply with the requirements of the Federal Power Act.”<sup>11</sup>

Under ORS 757.300(1)(c), “[n]et metering” means measuring the difference between the electricity supplied by an electric utility and the electricity generated by a customer-generator and fed back to the electric utility over the applicable billing period.” ORS 757.300(3) establishes a system in which the utility does not charge for generation that is netted. Given the very specific directions for billing and crediting for net metered energy, Staff does not believe the program currently authorized in Idaho is a “substantial equivalent” of net metering under ORS 757.300.

In theory, an investigation could be done to fully answer the threshold legal questions raised by the Company regarding the legislative intent of subsection (9), the applicability of Oregon’s definition of net metering to the Company’s proposal in this docket, and whether the Company’s proposal should be considered a substantial equivalent offset. However, for the reasons described above and presented in the ADV 1539 docket, Staff still does not believe that the Company’s proposal meets the conditions of subsection (9) based on the evidence provided by the Company. Accordingly, Staff recommends the Commission determine whether to allow Idaho Power to modify its Oregon net metering program using its authority in ORS 757.300(6).

#### *Analysis of ORS 757.300(6)*

ORS 757.300(6) states that the Commission may consider changes to limit a net metering program in order to balance the interests of retail customers if the Company’s customer on-site generation capacity exceeds 0.5 percent of the Company’s history peak load. Subsection (6) also states that a change may only be made following notice and an opportunity for public comment and the Commission shall consider environmental and other public policy benefits when considering changes.

The following section outlines Staff’s consideration of the criteria for the Commission to approve Idaho Power’s use of the ECR framework for on-site generators in Oregon.

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<sup>10</sup> *MidAmerican Energy Company*, 94 FERC 61340 (March 28, 2001) (2001 WL 306484).

<sup>11</sup> *Id.*, p. 4.

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**Net metering program size:** Through information requests, Staff confirmed that the Company's historic peak load in its Oregon service territory was 145 MW and its current net metering capacity is 3.48 MW, making its percentage of net metering capacity relative to its historic peak load 2.4 percent. For additional context, the Company has 175.56 MW of net metering capacity system-wide compared to a system historic peak load of 3,751 MW, for a proportion of 4.7 percent.

**Notice and public comment:** The Commission's decision to suspend the Company's initial filing in ADV 1539 provided an opportunity for the Commission to engage most transparently in the public input process described in ORS 757.300(6). The Company's filing was docketed publicly under ADV 1600, and notice was provided to the ADV 1539 service list. PUC Staff also facilitated a stakeholder workshop and solicited written comments from stakeholders and members of the public both in this docket and in ADV 1539. The final opportunity for final comment will occur prior to the Commission's decision on this item at the May 28, 2024, Regular Public Meeting.

Further, the Company's filing outlines the outreach it has conducted with current and prospective on-site generation customers.<sup>12</sup> The Company has pursued a variety of communication methods to notify all of its Oregon customers about the proposed changes to its on-site generation services program in this docket. This includes sending direct-mail letters to all existing and pending on-site generation customers informing them of their legacy status and the Company's intent to send an email to any customers applying for on-site generation after the legacy date that the Schedule 84 updates would apply to their system if approved.

Staff also notes that the Company conducted extensive outreach with its entire customer base as it was contemplating changes to its on-site generation in past dockets before the Idaho Commission. Based on information requests received in ADV 1539, Oregon customers with onsite generation or who had submitted a request to connect onsite generation were given a notice of possible compensation reforms as early as 2020.

**Environmental and public policy benefits:** In considering the environmental and public policy benefits of the Company's proposed change, Staff recognizes that there is environmental and customer value to on-site generation and that changing the compensation structure can impact customers' choices to adopt this technology. Staff also acknowledges that there is long-run environmental and public policy value in aligning customer economics with the ability of different on-site generation configurations to improve resource adequacy and offset the need for other resources with non-emitting energy e.g., solar paired with storage.

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<sup>12</sup> See the Company's Initial Filing, page 23.

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In weighing these factors, Staff also considered the public policy factors unique to the Company's service area. Staff notes that as a multi-jurisdictional utility with a small Oregon service territory comprised largely of low-income households, Idaho Power is situated very differently than the other two Commission-regulated electric utilities. Staff believes that customers will be best served by a program that is consistent with the on-site generation framework offered in the rest of the greater Boise economic area. Further, Staff notes that the Idaho Commission and the Company have been engaged in reforming its on-site generation offering for nearly six years, further highlighting the possible value of aligning programs across the Company's full-service territory. OSSIA also points out that most of the solar developers that service the Company's on-site generation customers are headquartered in Idaho.<sup>13</sup> Given Idaho Power's small and unique Oregon service territory, different obligations, the rigor of the net metering reform discussion in Idaho, and that most solar development comes from Idaho developers, Staff believes that the market certainty and administrative efficiency of aligning the Company's Oregon on-site generation offering with its Idaho on-site generation offering plays an outsized role in evaluating the overall environmental and public policy benefits of the Company's proposal relative to an identical proposal from a different Commission-regulated electric IOUs.

To investigate the importance of administrative efficiency when weighing public policy considerations, Staff asked the Company to estimate the costs of administering a separate program for its Oregon service territory. The Company's response is included in attachment A to this memo and indicate added annual administrative costs of over \$250,000 in either scenario and upfront costs ranging from just under \$50,000 to over \$1 million.<sup>14</sup> While Staff wonders whether these costs are overstated, Staff notes that if the true cost were even a tenth of what the Company reports, continuing to administer the current NEM rate would impose a nontrivial burden to the roughly 20,000 Oregon ratepayers that would be paid almost entirely by those without on-site generation and comprised mostly of low and medium-income customers. Given the size of this potential cost shift, Staff believes that a balanced approach between environmental and public policy concerns related to administrative costs is warranted in this docket.

#### *Comments in ADV 1600*

In addition to holding a workshop on April 4, 2024, Staff solicited comments from stakeholders and members of the public on April 29, 2024. Staff received comments from OSSIA members, OSSIA, Idaho Sierra Club, and EGT Solar Inc. Following an agreement in the April 4 workshop, Staff also allowed Idaho Power to submit reply comments by May 6.

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<sup>13</sup> See Page 5 of OSSIA's Comments filed on April 29, 2024.

<sup>14</sup> See Attachment A, page 5.

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Many commenters question the validity of Idaho Power's methodology to calculate the ECR, citing concerns about the omission of environmental benefits from the calculation and potential downward bias in the Company's calculations.<sup>15 16 17</sup> Both OSSIA and the Idaho Sierra Club believe that the legacy cutoff date should be the rate effective date rather than the filing date. EGT Solar and OSSIA mention that it becomes difficult for a solar developer to provide an estimate of the value of solar offsets or for a customer to understand how to react to real-time price structures, forcing developers to recommend solar plus storage installations.<sup>18</sup> All commenters highlighted that the Company's approved ECR structure in Idaho that would affect non-legacy Oregon customers in effect compensates solar owners at a lower rate than traditional NEM compensation.

OSSIA also notes that a third-party analysis in Idaho indicates that the Company's ECR undervalues avoided distribution costs. Much like in ADV 1539, OSSIA questions whether the Company's proposed net billing ECR qualifies as net metering under ORS 757.300. While they grant that it is too early to understand the effects of reform on Idaho, OSSIA also points out that the California NEM 3.0 changes were followed by a sharp decline in rooftop solar adoption and employment in the rooftop solar industry. OSSIA also states that most of the Company's Oregon residential solar demand is served by Idaho installers. Finally, OSSIA points out that changing the compensation structure may make solar unaffordable for low and middle-income households in the Company's Oregon service territory and questions the fairness of having the legacy cutoff date before the rate effective date.

Idaho Power addressed the concerns brought up by stakeholders in their reply comments. In response to OSSIA's net billing concerns, the Company notes that Idaho Power is often given different regulatory treatment due to its unique territory, that its current proposal would still qualify under ORS 757.300(6), and that offering different programs in Oregon and Idaho comes with increased administrative costs. Regarding concerns about low- and medium-income customers, the Company notes that changing the compensation structure does not foreclose marginalized communities from accessing state and federal funds and that their proposal ensures that future on-site generation customers are not being subsidized by other customers in the Company's primarily low- and middle-income service territory. The Company also notes that its VODER study underwent extensive review and stakeholder feedback at the Idaho Commission before it was ultimately approved. The Company reiterates in its comments that it made the legacy cutoff date February 29, 2024, to avoid a run-on solar development during the pendency of this docket and has communicated with all

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<sup>15</sup> See Idaho Sierra Club's Comments.

<sup>16</sup> See OSSIA's Comments, page 3.

<sup>17</sup> See OSSIA Members' Comments.

<sup>18</sup> See EGT Solar's Comments.

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customers with interconnection requests after that date about their legacy status if the Company's proposal in this docket is approved.

*Staff Conclusion and Recommendation*

At this time, Staff believes that the Company's proposal properly balances the interests outlined in ORS 757.300(6). Given the Company's small Oregon service territory, the expected costs to implement a different program in Oregon for a very small subset of the Company's overall customer count, and the fact that most Oregon solar owners in the Company's service territory are serviced by Idaho installers, Staff believes that it would be both administratively inefficient and possibly not in customers' best interests to pursue a different program than what the Company offers in Idaho. While Staff believes that many stakeholder groups brought up valid concerns such as methodological concerns or the value of environmental incentives, Staff believes that the administrative inefficiency of requiring Idaho Power to administer a separate on-site generation program for its Oregon service territory outweigh these concerns.

In coming to this conclusion, Staff would like to highlight again the outsized cost to administer separate net metering programs in Idaho and Oregon included in Attachment A. As stated previously, Staff believes that even if the costs are a fraction of what the Company estimates, the administrative inefficiency may lead to a substantial cost shift to non-generating residential customers that are largely middle- and low-income in a way that goes against the public interest.

Staff feels that it is important to point out again that the Company's Oregon small service territory is situated very differently than the other two Commission-regulated electric utilities in dimensions such as customer count, customer demographics, size, and geography. While Staff recommends aligning Idaho Power's Oregon and Idaho on-site generation offerings in the manner proposed, Staff believes that the program structure, compensation framework, and application of public policy and environmental considerations in this docket should not be interpreted as precedential if another Oregon-regulated electric utility were to propose changes to their net metering offering under ORS 757.300(6).

Many stakeholders have pointed out that the Company's proposed changes hinder Oregon's progress towards environmental goals and decreases access to solar energy for low and middle-income Oregonians. While Staff understands that the effect of a lower average compensation rate may limit the viability of residential customers installing solar generation, Staff also expects that this effect would be at least partially offset by the Solar For All program, a program that awarded \$86 million to the Oregon Department of Energy to bring solar and storage to low income and disadvantaged communities in Oregon.

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While Staff supports the Company's proposal to align its Oregon ECR approach with its Idaho service territory due to administrative efficiency and consistency at this time, the Commission may choose to investigate net metering in Oregon in a broader capacity at a later date. Should this investigation occur, Staff may identify a new model for one or both of Oregon's other two regulated investor-owned utilities. Depending on the outcome of a broader investigation into net metering, Staff may recommend revisiting the Company's Oregon Schedule 84.

### Conclusion

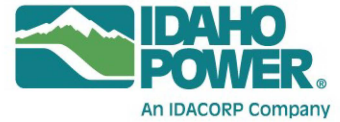
Staff finds that the Company's proposal to align its Oregon on-site generation program with the changes adopted in its Idaho service territory appear to balance environmental, public policy, and administrative cost concerns outlined in ORS 757.300(6) at the moment. However, Staff also notes that other Commission-regulated entities are expected to propose changes to their net metering programs and may find it to be in the public interest to revisit the Company's Schedule 84 should the outcome of these other dockets be sufficiently different.

### **PROPOSED COMMISSION MOTION:**

Approve Idaho Power Company's update to Schedule 84.

IPC ADV 1600, Advice 24-01





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April 22, 2024

**VIA ELECTRONIC FILING**

Public Utility Commission of Oregon  
Commission Staff  
Attn: Curtis Dlouhy  
201 High Street SE, Suite 100  
P.O. Box 1088  
Salem, Oregon 97301

**RE: ADV 1600 – Idaho Power Advice No. 24-01 – Schedule 84 Net Metering  
Follow-up to Questions Asked at the April 4, 2024, Workshop**

Attention Commission Staff:

Attached please find the responses of Idaho Power Company (“Idaho Power” or “Company”) to the seven (7) Informal Data Requests sent to Idaho Power by Staff on April 5 and 16, 2024, as a follow-up from the April 4, 2024, workshop hosted by Staff. Additionally, the Company provides the following general information for additional context pertaining to Staff’s questions and the Company’s responses.

Until recently, Idaho Power has offered net metering services consistently between its Oregon and Idaho jurisdictions pursuant to its Idaho tariffs, schedules, and regulations as contemplated by ORS 757.300(9). This not only included the Company’s service schedule for on-site generation customers (previously Idaho Schedule 84) but also its interconnection rules and requirements set forth in Idaho Schedule 68. Subsection (9) of Oregon’s net metering law reflects the Oregon Legislature’s acknowledgement that, in certain contexts, Idaho Power should be afforded special regulatory treatment to account for the Company’s unique circumstances in Oregon. Specifically with respect to Oregon’s net metering law, subsection (9) served to eliminate the confusion, disparate impact, inefficiencies, and unnecessary burdens and costs that would result if the Company was required to have two sets of rules for net metering by allowing the Company to offer a single service offering, with a single set of interconnection rules and procedures to all of its customers.

The Company has requested that it be authorized to continue to offer net metering services in Oregon consistent with its Idaho offering as contemplated by subsection (9), which deems a qualifying utility compliant with Oregon’s net metering rules if it offers services to its customers in Oregon in accordance with tariffs, schedules and other regulations promulgated by the appropriate authority in the state where the electric utility’s headquarters are located. In other words, pursuant to the updated program recently implemented in Idaho under a legacy framework

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specific to Idaho Power's Oregon service area in accordance with the current versions of Idaho Schedules 6 (residential), 8 (small general service), or 84 (commercial, industrial, and irrigation), depending on customer class, and Schedule 68 (interconnection). All three of the Company's net metering service schedules contain rules for both legacy and non-legacy systems.

The discussion and questions posed in this docket have implied that there may be a hybrid option pursuant to which the Company could maintain the legacy Idaho program in Oregon based on the Commission's ability to limit new customer generators to balance the interests of retail customers under ORS 757.300(6), which they believe would not be as onerous as implementing a true third program, Oregon net energy metering ("NEM"). In the event, however, that the Company is directed to implement a program in Oregon that is differently structured from what it offers in Idaho, the Company believes it would legally be required to comply with Oregon's net metering rules including the requirements governing net metering interconnections. Addressing the scope and applicability of net metering facility rules, OAR 860-039-0005(1) provides:

OAR 860-039-0010 through 860-039-0080 (the "net metering rules") establish rules governing net metering facilities interconnecting to a public utility as required under ORS 757.300. Net metering is available to a customer-generator only as provided in these rules. These rules do not apply to a public utility that meets the requirements of ORS 757.300(9).

Similarly, subsection (9) exempts the Company from the requirements of 757.300(2)–(8), and OAR 860-039-0010 through 860-039-0080 by extension, enabling the Company to offer a single, non-conforming program across jurisdictions. However, as the Company understands it, subsection (6) does not excuse the Company from the legal requirements contained in OAR 860-039-0010 through 860-039-0080. While that provision does provide a certain amount of discretion to the Oregon Commission, it is not clear whether that would encompass relieving the Company from other statutory requirements.<sup>1</sup>

As a reminder, effective January 1, 2024, Oregon Schedule 84 was revised as an interim schedule based on the Commission's desire for the Company to maintain the status quo pending further consideration by the Commission. However, because Oregon Schedule 84 referred to Idaho Schedule 84, in order for the Company to continue offering net metering service to Oregon customers pursuant to the version of Oregon Schedule 84 that was in effective as of December 18, 2023, it needed to memorialize the version of Idaho Schedule 84 that was in effect on that date, which is no longer operative in Idaho having been modified effective January 1, 2024, in Idaho Case No. IPC-E-23-14.<sup>2</sup> This was applied as a stopgap measure on an interim basis, and to the extent that Staff or stakeholders suggest Idaho's old offering could be permanently implemented in Oregon, it is the Company's belief that anything different than what is currently in place in Idaho would constitute an Oregon-specific offering that would need to comply with the requirements of Oregon Administrative Rules, Chapter 860, Division 39, Net Metering Rules, which include, but are not necessarily limited to, Oregon specific interconnection review procedures; application forms, processing procedures, and timelines; interconnection fees and costs; billing specifications; and mapping, records and reporting requirements, all of which vary

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<sup>1</sup> But see OAR 860-039-0075, which refers to the Commission's authority under ORS 757.300(6) as the ability to limit the cumulative generating capacity of net metering systems.

<sup>2</sup> As a reminder, the Company's net metering service offering is now split between three schedules: Schedules 6 (residential), 8 (small general service), and 84 (commercial, industrial, and irrigation)), each of which contains rules for both legacy and non-legacy systems.

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significantly from the Company's current practices. Ensuring compliance with applicable Oregon rules would in itself be a significant task.

The suggestion that the administrative burden would be minimized by offering all Oregon on-site generation customers (past, present, and future) service in accordance with the rules applicable to legacy systems is flawed. The legacy concept is based in investment-backed decisions and the reasonable expectations of the customer-generator when they established service; it is the system that has been designed and installed to meet the current rules that qualifies for legacy treatment. While the Company agreed with Staff that different cut-off dates for Oregon Legacy treatment were appropriate based on the reasonable expectations of its Oregon customers when they established net metering services, by nature legacy treatment has a cutoff and is not envisioned to be offered in perpetuity. Removing the distinction between existing and new systems for Oregon customers simply becomes a new Oregon-specific service offering.

Ultimately, the Company believes there are two options, either (1) the Company has a single program offered across jurisdictions pursuant to the current versions of Idaho Schedules 6 (residential), 8 (small general service), or 84 (commercial, industrial, and irrigation), depending on customer class, and Schedule 68 (interconnection); or (2) the Company implements a separate offering for Oregon in compliance with Oregon law; practically speaking, the Company does not see that there is a middle ground approach alternative to implementing a "true third NEM program just for Oregon." As more fully described in its attached responses to Staff's informal data requests, if it is not authorized to proceed pursuant to 757.300(9), it is the Company's understanding it will be subject to the full range of Oregon's net metering requirements and anticipates it will be required to incur what could be significant costs to implement separate interconnection rules, personnel, systems, and processes for an Oregon specific net metering offering, which the Company would expect would be entirely assigned to its Oregon jurisdiction given it would be driving the need. Considering the small number of Oregon customers, such increased costs would be particularly impactful.

The Company looks forward to providing additional comments on May 6th as provided for in the schedule. In the meantime, if you have any questions regarding these responses, please do not hesitate to contact me.

Very truly yours,



Connie Aschenbrenner

CA:sg

Attachments

**STAFF INFORMAL DATA REQUEST NO. 1:**

Can you provide a narrative description of what the administrative costs and burden would be of having a separate NEM program for Idaho and Oregon including those associated with having a true third NEM program just for Oregon as well as what it would be if IPC just kept the legacy TOU program in place in perpetuity in Oregon?

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 1:**

As highlighted in the accompanying cover letter, if the Company is not permitted to offer its Idaho offering in its entirety, the Company will be subject to Oregon-specific net metering rules. Compliance with those rules will result in increased costs associated with creation of new processes, additional employee training, development of two sets of customer self-service tools and materials, separate customer communications, and so forth as more fully set forth below. The Company believes it is important for the Commission, Staff, and other stakeholders to understand the costs of which will be entirely assigned to its Oregon jurisdiction, given it would be driving the need. Considering the small number of Oregon customers, the Company anticipates incurring such costs would be particularly impactful.

While the Company has not completed an exhaustive analysis to identify all aspects of increased costs associated with managing a separate net metering program, in order to comply with OAR 860-039-0010 through OAR 860-039-0080, there would be both **upfront costs to reconfigure existing systems to manage new processes**, as well as **on-going costs to administer two distinctly different offerings**. Examples of these new requirements from Oregon Administrative Rule Chapter 860, Division 039:

- 860-039-0030 through 860-039-0040: There are three different tiers (1, 2, and 3) of Net Metering that all have different and more complex application processes than Idaho Power currently administers under Idaho Schedule 68. New applications, form agreements, and internal procedures would need to be created to comply with determining these levels and providing the required interconnection review process for each level.
- 860-039-0045: Idaho Power currently has different interconnection fees than what is allowed in this section. The fees allowed in this section are lower than what the Company currently charges, which will reduce how much of the program is funded by participating customers and will result in increased costs to non-participants.
- 860-039-0055 & 860-039-0060: Requires an "annual billing cycle" whereby unused kWh credits are valued at an avoided cost and transferred to customers who are participating in the utility's low-income assistance programs. Idaho Power's on-site generation offering provides for the credits to remain with the customer's active service agreement. This change would require configuration changes to Idaho Power's billing system, which results in an upfront cost and ongoing administration. Additionally, these sections would impose new reporting requirements on the Company.
- 860-039-0065: The aggregation rules laid out in this section differ from what is currently in place for the Company's on-site generation offering. This would again create two separate systems across the Company's service area.
- 860-039-0070: Each public utility must maintain current maps and records of customer-generator net metering facilities showing size, location, generator type, and date of installation, and file an annual report with the Commission with information on the number and generation capacity of NEM facilities and, upon request file maps, records, and reports to identify, locate and summarize net metering facilities in a form satisfactory to the Commission. There would be upfront

costs associated with configuring the Company's systems to comply with these requirements in addition to ongoing costs associated with the reporting and recordkeeping requirements.

Based on the questions received through the process, the Company has estimated the costs associated with two possible scenarios: (1) continuation of retail rate net metering, and (2) a new "unknown" compensation structure. As noted above, the continuation of retail rate net metering isn't without incremental costs, as new systems would need to be established and/or modified to adhere to the Oregon net metering rules.

While not exhaustive, the Company has provided the following estimates based on its experience.

| Costs   | NEM Continuation | New (TBD) Billing Structure |
|---|------------------|-----------------------------|
| <b><u>Upfront/Set Up Costs</u></b>                      |                  |                             |
| Interconnection Database Reconfiguration                | \$23,000         | \$23,000                    |
| Billing System Reconfiguration                          | \$8,700 minimum  | \$995,955                   |
| Upfront Admin Costs                                     | \$16,600         | \$16,600                    |
| Customer Solar Calculator                               | N/A              | \$20,000                    |
| <b><u>Ongoing/Annual Administrative Costs</u></b>       |                  |                             |
| Ongoing Administrative Expenses                         | \$231,750        | \$231,750                   |
| Interconnection Database Maintenance (Programmer Costs) | \$21,000         | \$21,000                    |
| Customer Solar Calculator Subscription                  | Unknown          | \$80,935                    |

#### **Upfront Cost/Set Up Costs:**

**Key expenses in implementing a different system in Idaho and Oregon include:**

**Interconnection Database Reconfiguration:** This encompasses costs for a programmer to reconfigure its system for a separate Oregon offering utilizing the company's Customer Generation (CG) database. This system is used to process interconnection applications, run automated engineering review screening, send automated customer emails, manage workflows, documents, and track on-going compliance with the tariffs or rules.

**Billing System Reconfiguration:** A new billing structure would necessitate building new functionality in the Company's customer information system specific to the Oregon offering. This entails modifying the customer bill configuration and integrating new data services. These changes are critical for maintaining the functionality of 'My Account' across various software applications. Additionally, the reconfiguration will extend to updates on the web and app interfaces that customers interact with, ensuring they receive accurate and up-to-date information regarding their new billing structure. Collectively, these updates will require significant investment, both in terms of financial resources and labor, to execute effectively.

**Upfront Admin Costs:** The administration of a separate billing structure for Oregon necessitates an additional increase of one-time labor costs. This estimate encompasses various functions, not all of which are captured in this document. Some key components identified are:



- **Process Development/Integration:** including labor expenses for IPC staff to develop new processes, as well as contract management, interconnection database contractor management and testing. Also includes work to develop customer communications.
- **Training:** Involves education and outreach with customers, training of internal Energy Advisors and Customer Solutions Advisors who work directly with our customers. Development of training curriculum and updating of internal training documents and guides.
- **New Interconnection Forms:** The development of new forms and programming on-line webform applications requires careful consideration of technical, legal, and regulatory requirements. These forms are vital for customers to connect an on-site generation system to the grid safely and effectively.

**Customer Solar Calculator-** Idaho Power offers a web-based calculator to help new customers evaluate if solar is right for them. The current calculator has functionality for rate changes under the existing structure and the existing license can also present net energy metering. However, if Oregon implements something different, there will be an additional set-up cost depending on new rules or structure.

#### Ongoing/Annual Administrative Costs:

**Ongoing Administrative Expenses:** These costs are largely expected to be associated with labor incurred to manage a separate Oregon program, which includes interconnection application reviews/processing, coordination and development of customer communications via multiple channels (i.e., webpage updates/maintenance), database quality assurance/testing, installer trainings, managing installer lists, inverter lists, customer meetings, additional annual reporting requirements, ongoing training and curriculum development for customer facing staff.

It is also important to note, given the complexity of the Oregon rules governing interconnection requirements and/or required processes, there is also uncertainty regarding the ability for the Company to automate its processes to the same level that exists under compliance with Idaho Schedule 68. Manual processes will increase costs in this category.

**Interconnection Database Maintenance (Programmer Costs):** The upkeep and programming of a new Interconnection Database for Oregon customers would have an annual maintenance expense.

**Customer Solar Calculator Subscription-** The current calculator has functionality for rate changes under the existing structure and the existing license can also present net energy metering, however if a different structure is created and cannot be configured under the current format, then an additional annual subscription charge would apply. It is unknown as to whether the current licensing arrangement (that allows for presentment of net energy metering) will continue to be available.

The outlined estimated costs reflect the additional financial commitment required to initiate and sustain a separate customer generation offering in Oregon, which increases the complexity of daily operations. It is important to note that these figures are only estimates and would vary based on actual program implementation and operational experience.

**STAFF INFORMAL DATA REQUEST NO. 2:**

What is the total NEM capacity in MW for Oregon and for the full IPC system?

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 2:**

Total NEM capacity for Oregon is 3.48 MW this includes both active and pending systems. The total NEM capacity for the full IPC system is 175.56 MW, including both active and pending systems.

**STAFF INFORMAL DATA REQUEST NO. 3:**

What is the historic peak load both for Oregon and the full IPC system?

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 3:**

| Year | Oregon<br>System<br>Coincident<br>Demand | System Peak |
|------|--|-------------|
| 2019 | 115                                      | 3,242       |
| 2020 | 112                                      | 3,392       |
| 2021 | 145                                      | 3,751       |
| 2022 | 132                                      | 3,568       |
| 2023 | 127                                      | 3,615       |

*\*Note: As Oregon demand is not demand response adjusted, the analogous non demand response adjusted peak is used for system.*



**STAFF INFORMAL DATA REQUEST NO. 4:**

What considerations went into determining that the 6-month offline period should be the cutoff to make a legacy customer non-legacy?

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 4:**

In accordance with the criteria established by the Idaho Public Utilities Commission for maintaining legacy status, Idaho's on-site generation schedules provide that grandfathered status of a system is forfeited if the system is offline for more than six months.<sup>1</sup> This timeframe derives from Idaho Power's interconnection requirements for distributed energy resources (DER) set forth in Schedule 68, which provides:

The Customer shall notify the Company immediately if a DER is permanently removed or disabled. Permanent removal or disablement for the purposes of this Schedule is any removal or disablement of a DER lasting longer than six (6) months. If the Customer wishes to interconnect the DER after six (6) months, the Customer Generator must reapply and meet the interconnection requirements in place at the time of application.<sup>2</sup>

Consistent with this framework, Idaho's on-site generation schedules address the impact of "permanent removal or disablement" of an on-site generation system: "Permanent removal or disablement for the purposes of this schedule is any removal or disablement of an Exporting System lasting longer than six (6) months. Customers with permanently removed systems will be removed from service under this schedule and placed on the appropriate standard service schedule."<sup>3</sup>

In the building industry, imposing temporal limits to ensure work is timely completed is standard practice. See, for example, 2018 International Building Code, 105.5 Expiration (stating that permits become invalid if work under the permit is not commenced within 180 days of its issuance or if the work is suspended or abandoned for a period of 180 days after the work is commenced). Similar to building codes and regulations, Idaho Power's interconnection requirements help ensure safety and quality. The reasons for the six-month timeframe by which an on-site generation system is deemed to be permanently removed, for legacy status or otherwise, are severalfold. As an initial matter, electrical codes and regulations and interconnection standards are not static; they evolve to incorporate the latest safety standards and practices, and placing a time limit helps the Company ensure that on-site generation systems adhere to the most up-to-date safety requirements. This mechanism also holds customers accountable for making sure their system does not linger offline indefinitely and is back on-line within a reasonable timeframe and helps to ensure that customers are taking service under the appropriate rate schedule.

An on-site generation system that is offline longer than 6 months may fall into disrepair and/or become outdated, which could lead to potential issues or code violations. Requiring review and reevaluation of a system that has been offline for an extended period of time is important to verify that the system is in good working order and in compliance with applicable rules and regulations.

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<sup>1</sup> See *In the Matter of the Petition of Idaho Power Company to Study the Costs, Benefits, and Compensation of Net Excess Energy Supplied by Customer On-Site Generation*, Case No. IPC-E-18-15, Order No. 34509 at 14-15 (Dec. 20, 2019) and Order No. 34546 at 8-11 (Feb. 5, 2020); IPUC No. 30, Tariff No. 101, Schedules 6, 8, and 84.

<sup>2</sup> See Schedule 68, First Revised Sheet No. 68-10.

<sup>3</sup> See Schedule 6, Original Sheet No. 6-7; Schedule 8, Original Sheet No. 8-7; Schedule 84, Original Sheet No. 84-8.

As described above, the six-month offline time period is not limited to legacy status requirements but part of a larger framework; it sets the parameters for classifying when a system is deemed to be “permanently removed” for purposes of interconnection and service schedules,<sup>4</sup> and so is, by extension, also the timeframe used for determining if a legacy system has been permanently removed.

If the event the Company becomes aware that a customer’s on-site generation systems is offline, it notifies the customer in writing, typically via email, citing the deadline for the system to get back online. If the customer is not responsive, the Company will reach out to the customer again via direct mail, phone call, and/or another email. If the system remains offline, the Company will continue to check in with the customer throughout the six months, providing reminders of deadlines and any relevant information it may possess to help the customer remedy the situation. This is true regardless of whether the system is legacy or non-legacy.

It should be noted that an on-site generation system remaining offline for more than six months is not a frequent occurrence. For example, in 2023, the Company did not identify any Oregon systems that were offline for more than six months. More broadly, in those instances where Idaho Power has become aware that a system is offline, most customers address the situation and return to operation within six months, though there is a small number of customers that choose not get their system back online.

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<sup>4</sup> See Schedule 6, Original Sheet No. 6-7; Schedule 8, Original Sheet No. 8-7; Schedule 68, First Revised Sheet No. 68-10; Schedule 84, Original Sheet No. 84-8.

**STAFF INFORMAL DATA REQUEST NO. 5:**

Can you explain the 2-meter to 1-meter conversion issue addressed in the final condition of the legacy conditions in Schedule 84? It sounds like it's a rare edge case, but we'd like to have it explained in writing if possible.

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 5:**

In the Company's experience, a customer has not sought to convert from a two-meter configuration to a single-meter configuration.

By way of background, Idaho Schedule 84 is the tariff schedule for the Company's commercial, industrial, and irrigation ("CI&I") customers to take net metering service. Prior to 2020, CI&I net metering customers were required to install a second meter to measure the energy provided by the customer's generating facility. This metering configuration allowed CI&I customers to offset any energy charges with the production from their on-site generation system and enabled collection of demand and basic load capacity charges based on the customer's gross demand, measured independent of the on-site generation.

In 2020, Idaho Power proposed to modify the metering requirement under Schedule 84 from a two-meter to a single-meter requirement for all new Schedule 84 customers.<sup>5</sup> The Company initiated the change in response to feedback received from customers, installers and stakeholders, in order to remove potential barriers to participation and reduce incremental costs and complexities resulting from the existing two-meter requirement.

Accordingly, the Company requested to modify Schedule 84's metering requirement in order to improve the customer generation service offering to ease impacts on customers. Recognizing the advantages of removing the then-existing two-meter requirement the Idaho Commission noted:

A single-meter system reduces customer costs, streamlines administration, and can perform the requisite functions. We cannot ascertain from the record why a new customer would choose a dual-meter system going forward . . . For administrative efficiency and the reasons previously stated, all new customer-generators taking service after the service date of this Order must install a single-meter system.<sup>6</sup>

As part of the Company's request to remove the two-meter requirement for new Schedule 84 new customer generators, the Company also requested the Idaho Public Utilities Commission to establish grandfathering criteria for existing Schedule 84 customer-generators similar to what was done for other classes of on-site generators. Ultimately, the Idaho Commission established criteria for defining legacy treatment for existing Schedule 84 systems similar to that for residential and small general service customers, pursuant to which existing Schedule 84 customers could retain their two-meter systems.<sup>7</sup> In Oregon, there are currently 19 CI&I customer generators with two-meter systems. The Idaho Commission reiterated that the concept of "grandfathering" was based in investment-backed decisions and the reasonable expectations of the customer-generator when they established service:

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<sup>5</sup> *In the Matter of Idaho Power Company's Application for Authority to Modify Schedule 84's Metering Requirement and to Grandfather Existing Customers with Two Meters*, Case No. IPC-E-20-26.

<sup>6</sup> *Id.* at 12.

<sup>7</sup> *Id.*, Order No. 34854 at 12-13 and Order No. 34892 at 9 (Jan. 14, 2021).

Therefore, it is the system that has been designed and installed to meet the current rules that qualifies for legacy treatment. If a customer wants to switch to a single-meter system, they can do so but they would forfeit the system's grandfathered status. Similarly, if the customer wants to expand their system beyond the limits previously stated, the new portion of their system would not qualify for legacy treatment.<sup>8</sup>

The provision contained in draft Oregon Schedule 84 sought to align the legacy criteria for Oregon CI&I customers with those of Idaho CI&I customers. Given, under the Company's proposed Oregon legacy framework, there will be single-meter setups for legacy customers, the Company believes it could be reasonable to exclude this draft provision from the proposed tariff.

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<sup>8</sup> *Id.* at 11.

**STAFF INFORMAL DATA REQUEST NO. 6:**

How would a customer be billed as a legacy NEM customer that is also part of the TOU program, and is this any different than a non-legacy customer? Here, we're interested in whether there are some billing problems that might arise from having a full retail rate credit under NEM or the new ECR combined with a time-varying retail rates under TOU.

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 6:**

If the Company is authorized by the Commission to offer net billing services to its non-legacy Oregon customers in accordance with its recently modified on-site generation tariff schedules in effect in Idaho, under a legacy framework specific to Idaho Power's Oregon service territory, Oregon Legacy customers would be billed pursuant to the Net Energy Metering conditions set forth in Idaho Schedule 6, 8, and 84, as applicable and non-legacy systems, customers would be billed pursuant to the Net Billing conditions set forth in those schedules as applicable.<sup>9</sup> Under Idaho Schedule 6, Oregon residential on-site generators will have the option to elect time-of-use ("TOU") rates as defined in Oregon Schedule 5, Residential Service Time-of-Day Pilot Plan.

For Oregon Legacy customers that elect TOU, if electricity supplied by the Company during the billing period exceeds electricity generated by the customer and exported to the grid, the customer will be billed for the net electricity supplied by the Company at the applicable TOU rate. If the energy generated by the customer and delivered to the Company exceeds the electricity supplied by the Company, the difference is carried forward as a kilowatt hour ("kWh") credit to offset future energy use.

For non-legacy customers requesting to participate in optional time-of-use service under Idaho Schedule 6, the customer first consumes their generation on-site, which reduces the amount of energy they consume from the grid, and any excess generation is exported to the grid. All kWh consumed from the grid is measured and valued at the TOU rate and all energy exported to the grid is measured and valued based on the time-differentiated Export Credit Rate ("ECR"). The customer will generate a financial credit for excess generation, based on the product of measured exported energy and the ECR, that can be monetized to offset current or future charges associated with utility-provided service. The financial credit is added as a line item at the end of the bill and the amount is subtracted from the customer's total bill. Any remaining financial credit will be carried forward.

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<sup>9</sup> Note, however, that Monthly Charges in Idaho Schedules 6 and 8 do not apply; all Monthly Charges and provisions for service related to Idaho Power supplied energy are defined in the Company's applicable Oregon tariff schedules.

**STAFF INFORMAL DATA REQUEST NO. 7:**

Does the Company have any plans in the near or long term to make storage accessible to Oregon or Idaho customers (i.e. Company incentives, federal grants, other funding sources, etc.)? We expect OSSIA to write on this in their comments, and we as Staff see value to both the Company and customers if on-site generation customers are able to respond to price signals.

**RESPONSE TO STAFF'S INFORMAL DATA REQUEST NO. 7:**

Pursuant to Idaho's interconnection tariff applicable to on-site generation systems, customers can choose to pair energy storage with an on-site generation system (typically solar) and, taking service under Idaho Schedules 6, 8 or 84, may export to the grid. As part of the Company's modified on-site generation program recently implemented in Idaho, the Idaho Commission approved the Company's request to exclude energy storage and only include the nameplate capacity of generation to enforce the eligibility caps for Schedules 6, 8, and 84.<sup>10</sup> Stated differently, for systems with energy storage devices, only the amount of generation nameplate capacity is used to determine whether the applicable cap is exceeded, which removes a potential barrier for customers that desire to incorporate energy storage in their on-site generation system.<sup>11</sup> In addition to modifying administration of how energy storage devices are applied to the project eligibility cap, the Company proposed, and the Idaho Commission approved, an ECR rate design in recognition of the value provided by energy storage. The seasonal time-variant ECR rate structure implemented by the Company provides a mechanism by which on-site generators who invest in storage can realize the value of their investment when they export stored energy. By aligning the rate design for the ECR with the hours of highest risk, it sends a price signal to customers with energy storage when dispatching their batteries to the grid is valued and needed most. The Company also offers a number of energy-saving programs and resources to customers and shares information with customers about state and federal incentives or grant programs as appropriate. While it does not currently have an energy storage incentive program, it continues to evaluate new customer programs for cost effectiveness and would bring viable programs to the Commission for consideration. In addition, customer-generators may be able to take advantage of federal policies intended to encourage homeowners to install energy storage such as federal tax credits available under the Inflation Reduction Act including the Residential Clean Energy Credit.

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<sup>10</sup> The eligibility caps for Schedules 6 and 8 are 25 kW and 100 kW or 100% of demand for Schedule 84.

<sup>11</sup> The sum of both generation capacity and storage capacity continues to be considered in the feasibility review process. In the event the Company's review of the combined system indicates a system upgrade is necessary, the customer would be required to pay the upfront costs.