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Public Utility Commission of Oregon
P.O. Box 1088
Salem, OR 97308-1088

**Re: UM 1716 - In the Matter of PUBLIC UTILITY COMMISSION OF OREGON,
Investigation to Determine the Resource Value of Solar**

Attached for filing in the above-referenced docket is Idaho Power Company's Response
Testimony of Michael J. Youngblood.

Please contact this office with any questions.

Very truly yours,

A handwritten signature in blue ink that reads "Sharon Cooper". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Sharon Cooper
Legal Assistant

Attachment

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

UM 1716

In the Matter of)
)
PUBLIC UTILITY COMMISSION OF)
OREGON,)
)
Investigation to Determine the Resource)
Value of Solar.)

IDAHO POWER COMPANY
RESPONSE TESTIMONY
OF
MICHAEL J. YOUNGBLOOD

June 30, 2016

I. INTRODUCTION

1
2 **Q. Please state your name and business address.**

3 A. My name is Michael J. Youngblood and my business address is 1221 West Idaho
4 Street, Boise, Idaho 83702.

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Idaho Power Company (Idaho Power or Company) as the Manager
7 of Regulatory Projects in the Regulatory Affairs Department.

8 **Q. Please describe your educational background.**

9 A. In May of 1977, I received a Bachelor of Science Degree in Mathematics and
10 Computer Science from the University of Idaho. From 1994 through 1996, I was a
11 graduate student in the Executive MBA program of Colorado State University. Over
12 the years, I have attended numerous industry conferences and training sessions,
13 including Edison Electric Institute's "Electric Rates Advanced Course."

14 **Q. Please describe your work experience with Idaho Power.**

15 A. I began my employment with Idaho Power in 1977. During my career, I have worked
16 in several departments of the Company and subsidiaries of IDACORP, including
17 Systems Development, Demand Planning, Strategic Planning, and IDACORP
18 Solutions. I am currently the Manager of Regulatory Projects for Idaho Power—a
19 position I have held since 2012. In this position, I provide the regulatory support for
20 many of the large individual projects and issues facing the Company. I provided
21 regulatory support for the inclusion of the Langley Gulch power plant investment in
22 rate base, and I have supported the Company's efforts to address numerous issues
23 involving Qualifying Facilities defined under the Public Utility Regulatory Policies Act
24 of 1978 (PURPA), including the Company's efforts in UM 1610 and UM 1725.
25
26

1 **Q. What is the purpose of your testimony in this matter?**

2 A. My testimony responds to Staff's recommendations for a methodology to determine
3 the resource value of solar generation (RVOS).

4 **Q. How is your testimony organized?**

5 A. I begin by providing a brief summary of Idaho Power's response to Staff's testimony. I
6 will then provide some background and context for this docket. Toward this end, I
7 discuss ORS 757.365, which requires that utilities and the Commission determine the
8 RVOS in conjunction with the implementation of the solar photovoltaic pilot programs
9 (Solar PV Programs) established by the statute. I next summarize the procedural
10 posture of this docket. And finally, I provide a response to the testimony and
11 recommendations of the Staff witnesses Cindy Dolezel and Arne Olson.

12 **Q. Please summarize your response to Staff's testimony.**

13 A. First, Idaho Power agrees with Staff that the RVOS adopted in this docket should be
14 of limited application and in particular should not be used to calculate avoided costs
15 for purposes of PURPA or utility scale projects. However, the Company does have
16 concerns regarding Staff's proposal that the methodology determined here be applied
17 to all distributed generation, and in particular believes that the RVOS methodology is
18 not well-suited for application to the Company's net metering. Instead, as it pertains
19 to Idaho Power, the Company believes that the methodology adopted in this docket
20 should be limited to its Solar PV Program.

21 Second, Idaho Power generally agrees that the elements proposed by Staff for
22 inclusion in its model are appropriate and consistent with the Commission's direction
23 to include only those elements that directly affect cost of service.

24 Third, the Company believes that the RVOS methodology offered by Mr. Olson
25 provides a good starting point for the actual calculations that will need to be made by
26 the individual utilities. The Company agrees that marginal cost is the correct basis on

1 which to value the generation produced through the Solar PV Programs and that time-
2 and location-specific modelling is appropriate. That said, in order for the model to be
3 useful, it will need to be adapted to the specific circumstances of—and the data
4 available from—each of the three electric utilities. In Idaho Power’s case, the model
5 contemplates certain data that is not available, as well as approaches that are not
6 applicable to the Company. For that reason, Idaho Power suggests certain
7 adjustments that will need to be considered in the second phase of this investigation
8 as the parties work toward calculating the RVOS for Idaho Power based on Company-
9 specific inputs.

10 II. BACKGROUND AND CONTEXT

11 **Q. Please describe the statute that gave rise to this proceeding?**

12 A. In May 2010, the 2009 Legislature adopted ORS 757.365,¹ which required the
13 Commission establish pilot solar generation programs for Idaho Power, Portland
14 General Electric Company and PacifiCorp, under which they would offer production-
15 based rates and incentives (volumetric incentive rates, or VIR) for electricity delivered
16 from solar photovoltaic energy.

17 **Q Did the statute specifically require the Company to calculate the RVOS?**

18 A. Yes. The statute mentions—and assumes the calculation of—RVOS in three contexts:
19 • First, the statute specifies that for the first 15 years of an eligible system’s
20 participation in the Solar PV Program, the utility is required to purchase
21 electricity at the incentive rates established at the time of enrollment. After 15
22

23 ¹ See ORS 757.365(1), providing that “[t]he Public Utility Commission shall establish a pilot
24 program for each electric company to demonstrate the use and effectiveness of volumetric
25 incentive rates and payments for electricity delivered from solar photovoltaic energy systems that
26 are permanently installed in this state by retail electricity consumers and that first become
operational after the program begins.”

1 years, the consumer “may receive payments based upon electricity generated
2 from the qualifying system at a rate equal to the **resource value**.”²

3 • Second, the statute states that if rates paid under the Solar PV Programs
4 “exceed the **resource value**,” qualifying systems participating in the program
5 are not eligible for expenditures and tax credits.³

6 • Third, the Commission is directed to submit a report to the Legislative
7 Assembly by January of each odd-numbered year and the report must evaluate
8 the effectiveness of the VIR Pilot Program, as well as estimating the “cost of
9 the program to retail electricity consumers and **the resource value of solar**
10 **energy**.”⁴

11 **Q. Is “resource value” defined in the statute?**

12 A. Yes, the statute states that resource value means:

13 (T)he estimated value to an electric company of the electricity
14 delivered from a solar photovoltaic energy system associated
with:

15 (a) The avoided cost of energy, including avoided fuel price
16 volatility, minus the costs of firming and shaping the electricity
generated from the facility; and

17 (b) Avoided distribution and transmission costs.⁵

18 **Q. Did the Commission adopt additional requirements related to “resource value”?**

19 A. Yes. The Commission adopted administrative rules to implement the Solar PV
20 Programs that require each utility to develop estimates of “resource value” for both the
21
22

23 ² ORS 757.365(4) (emphasis added).

24 ³ ORS 757.365(9) (emphasis added).

25 ⁴ ORS 757.365(13) (emphasis added).

26 ⁵ ORS 757.360(5)(a) and (b).

1 short-term and long-term.⁶ However, the rule provides no further detail as to the
2 method that should be used to calculate the RVOS.

3 **Q. Please explain the events leading to the opening of this docket.**

4 A. In 2013, the Legislature enacted HB 2893 which added reporting and study
5 requirements to ORS 757.365. In compliance with the new Section (4) of ORS
6 757.365, the Commission prepared and submitted to the Legislature a comprehensive
7 "Investigation into the Effectiveness of Solar Programs in Oregon" on July 1, 2014
8 (2014 Report) addressing a number of substantive issues relating to solar energy in
9 Oregon.⁷ In addition, the Commission committed to opening a formal proceeding to
10 determine (1) the resource value of solar; (2) the extent of cost-shifting, if any, resulting
11 from net metering; and (3) the reliability and operational impacts of increasing levels
12 of solar generation on utility systems.⁸

13 The Commission opened this docket, UM 1716, on January 27, 2015, to
14 address those issues. The initial filing consisted of the 2014 Report and the following
15 year's report.

16 **Q. How did the investigation initially proceed?**

17 A. Staff began the investigation by holding workshops to discuss the attributes of solar
18 generation that should be considered in the determination of RVOS. Based on these
19 discussions Staff compiled a list of 26 elements that might be included. The list
20 included elements related to (1) the benefits or costs of solar generation that accrue
21

22 ⁶ OAR 860-084-0370.

23 ⁷ Specifically, the Commission was directed to: (a) investigate the resource value of solar energy;
24 (b) investigate the costs and benefits of the existing solar incentive programs; (c) forecast future
25 costs for solar energy systems; (d) identify barriers to the development of solar energy systems;
26 and (e) recommend new programs or program modifications that encourage solar development in a
way that is cost-effective and protects ratepayers. HB 2893 at § 4.

⁸ 2014 Report at iv (Jul. 1, 2014).

1 to utility customers—the utility’s avoided cost of energy; (2) the benefits or costs of
2 solar generation that accrue to the generator; and (3) general societal benefits.⁹ All
3 parties filed comments on the list of elements, making recommendations to the
4 Commission as to those that should be included in the RVOS. Staff’s expectation was
5 that the Commission would adopt a list of elements, which would then be included in
6 a methodology proposed by a consultant hired by Staff.

7 **Q. Did the Commission decide which specific elements to include in the**
8 **methodology?**

9 A. No. In Order No. 15-296, the Commission did not make a final determination as to the
10 specific elements that would be included in the methodology.¹⁰ However, the
11 Commission was clear that it would consider only those elements that could directly
12 impact the cost of service to utility customers—therefore foreclosing consideration of
13 general societal impacts, or benefits to generators, that do not directly affect customer
14 costs. In addition, the Commission adopted a two-phase contested case process to
15 complete its investigation of RVOS. The first phase addresses elements and
16 methodologies for RVOS, and the second phase will examine the values for each utility
17 using those adopted methodologies.¹¹

18 **Q. How has the docket proceeded from that point?**

19 A. The Administrative Law Judge (ALJ) divided the docket into three discrete
20 investigations, to be addressed consecutively. Investigation #1—in which we are
21 currently engaged—will determine the resource value of solar. Investigation #2 will
22 examine fixed costs and the extent of cost-shifting from net metering, if any. The ALJ
23

24 ⁹ Staff’s Comments at 5-10 (Jul. 15, 2015).

25 ¹⁰ Order No. 15-296 (Sep. 28, 2015).

26 ¹¹ *Id.* at 2-3.

1 also identified an Investigation #3 that would evaluate the reliability impacts of solar
2 on the grid.¹² However, the Commission later closed Investigation #3 and ordered
3 that, to the extent there is a mitigation cost to address the reliability impacts of solar,
4 that cost should be quantified in Investigation #1.¹³

5 III. RESPONSE TO STAFF TESTIMONY

6 **Q. Please briefly summarize the portions of Ms. Dolezel's testimony to which you**
7 **will be responding.**

8 A. First, Ms. Dolezel clarifies the intended application of the RVOS methodology adopted
9 in this docket. Ms. Dolezel confirms Staff's view that the methodology will be used to
10 determine the value of distributed solar generation, emphasizing that it will not replace
11 the current avoided cost methodologies for PURPA implementation or be used to
12 determine the value of utility scale solar.¹⁴ Ms. Dolezel also presents the elements
13 developed by Mr. Olson for inclusion in the RVOS methodology,¹⁵ consistent with the
14 Commission's instructions to include only those "that could directly impact the cost of
15 service to utility customers."¹⁶

16 **Q. What is Idaho Power's response to Ms. Dolezel's clarification as to the**
17 **application of the RVOS adopted in this docket?**

18 A. Idaho Power appreciates Staff's clarification that the RVOS adopted in this docket will
19 not replace other methodologies previously adopted by the Commission and is
20
21

22 ¹² Prehearing Conference Memorandum (Nov. 9, 2015).

23 ¹³ Order No. 16-074 (Feb. 29, 2016).

24 ¹⁴ Staff/100, Dolezel/8.

25 ¹⁵ Staff/100, Dolezel/4-5.

26 ¹⁶ Order No. 15-296 at 2.

1 intended for non-PURPA distributed generation.¹⁷ However, the Company continues
2 to believe that the methodology's application should be further limited.

3 **Q. Please explain.**

4 A. Idaho Power has two types of non-PURPA distributed generation on its system: that
5 produced by the Solar PV Program, and net metering. As will be discussed below, the
6 Company believes that the methodology proposed by Staff is not, as a practical matter,
7 well-suited for net metering purposes. Moreover, as described in Idaho Power's
8 comments filed earlier in this docket, the Company believes that the definition and
9 application of RVOS was intended by the Legislature to be limited to Solar PV
10 Programs.¹⁸

11 **Q. What is Idaho Power's response to the proposed elements to be included in the**
12 **RVOS methodology adopted in this docket?**

13 A. As discussed in more detail below, the Company agrees that the proposed elements
14 are generally appropriate.

15 **Q. Please provide a brief summary of Mr. Olson's testimony.**

16 A. Mr. Olson presents his recommended methodology for calculating the RVOS, which
17 employs a time- and area-specific marginal cost approach to estimate the impact to
18 the electric system of additional electric load or generation. The methodology
19 translates hourly data on individual avoided cost elements into an hourly avoided cost
20 profile for each year of the economic lifetime of a solar photovoltaic system, which is
21 assumed to be 25 years. Mr. Olson notes that in order for the model to produce hourly
22 outputs, a utility must have access to and provide the necessary hourly inputs.
23 However, the model can also accommodate less granular data if hourly data is not

24 ¹⁷ Note, however, that the Commission, in Order No. 15-296 at 2, specifically stated, "We also find
25 that there could be many potential policy and ratemaking uses for the resource value of solar, and
in this order we are not prejudging potential future uses."

26 ¹⁸ Idaho Power's Comments at 11-13 (Jul. 20, 2015).

1 available. In addition, Mr. Olson discusses each of the elements recommended for
2 inclusion in the model.

3 **Q. What is your response to Mr. Olson's proposed methodology?**

4 Fundamentally, Idaho Power believes that the RVOS methodology proposed by Mr.
5 Olson seems reasonable. The Company agrees that a marginal cost approach that
6 takes into account both the time- and area-specific marginal cost of the solar
7 generation is appropriate and consistent with the definitions and directions for
8 calculating RVOS contained in ORS 757.360, and the Commission's rules. We
9 appreciate the flexibility of the model, which allows for granular information where it is
10 available, but also adapts to more general information where necessary. However,
11 there are several assumptions made in the construction of the model that may not be
12 necessarily appropriate or applicable for Idaho Power. In addition, the model assumes
13 the input of certain hourly data that may not be currently available to Idaho Power, nor
14 easily collected and provided. For these reasons, Idaho Power suggests certain
15 adjustments that will need to be considered in the second phase of this investigation
16 as the parties work toward calculating the RVOS for Idaho Power based on Company-
17 specific inputs.

18 **Q. What are the elements proposed by Mr. Olson for use in the RVOS model?**

19 A. Mr. Olson and Staff followed the direction provided in Order No. 15-296 to take the
20 entire list of 26 elements originally submitted in this docket and reduce it down to ten
21 elements that directly impact the cost of service to utility customers. The list of inputs
22 to the model includes:

- 23 • Energy
- 24 • Generation Capacity
- 25 • Line Losses
- 26 • Transmission and Distribution Capacity

- 1 • Renewable Portfolio Standard (RPS) Compliance
- 2 • Integration and Ancillary Services
- 3 • Administration
- 4 • Market Price Response
- 5 • Hedge Value
- 6 • Environmental Compliance

7 **Q. Does the Company agree that these elements are appropriate to be included in**
8 **the RVOS model?**

9 A. Yes. The Company agrees that the elements proposed for inclusion in the model are
10 consistent with the Commission's direction to only include elements that directly affect
11 cost of service, and we agree that they are generally appropriate for inclusion in the
12 model. However, the Company also believes that not all of these elements are
13 appropriate for all utilities, or at the very least, some elements may have a value of
14 zero. It will therefore be important in determining the appropriate RVOS for each utility
15 to allow for flexibility in determining the input values.

16 **Q. Please describe the Company's proposal for each of the ten elements included**
17 **in Staff's proposed RVOS model.**

18 A. Certainly. Idaho Power proposes the following considerations for each of the elements
19 to the proposed RVOS model:

- 20 • **Energy:** In determining the marginal cost of energy the Company proposes to use
21 the value of energy as determined by its incremental cost integrated resource
22 planning methodology (ICIRP). This is the methodology approved by both this
23 Commission and the Idaho Public Utilities Commission (IPUC) for determining the
24 value of energy used to calculate avoided cost rates for qualifying facilities that
25 exceed the standard rate eligibility cap. The ICIRP methodology has been in place
26 for Idaho Power since it was approved for use through a contested case

1 proceeding before the IPUC in December 2012¹⁹ and was recently affirmed and
2 reauthorized for the Company's use in Oregon in Order No. 16-174.²⁰ The
3 methodology compares the hourly generation profile of a solar resource to the
4 utility's resource stack being used to serve load in each hour, and assigns the cost
5 of the utility's highest cost displaceable resource operating during the hours that
6 the solar resource provides generation. The Company proposes to use the ICIRP
7 methodology because it will provide a consistent determination of the value of a
8 solar resource on an hourly basis for all such resources on the Company's system.

- 9 • **Generation Capacity:** Idaho Power proposes to use the same methodology it
10 uses for estimating capacity contribution for integrated resource planning, and to
11 estimate the contribution to peak of distributed solar generation as recently
12 addressed in UM 1719. Idaho Power agrees with Mr. Olson's proposal that in the
13 near-term years when the utility is not in a period of resource deficiency, a value
14 of zero should be used because there are no deferrable capacity investments.
- 15 • **Line Losses:** Idaho Power agrees that line losses are appropriately included in a
16 distributed generation valuation model, such as the RVOS model. However, the
17 model may need to provide additional flexibility in order to properly determine the
18 RVOS on the Company's system. Specifically, the system loss input in the model
19 may need to be modified to increase the number of seasons and time periods to
20 adequately represent a utility's seasonal loss variability over a year.
- 21 • **Transmission and Distribution Capacity:** Transmission and Distribution (T&D)
22 investments caused by load growth are appropriately included in a deferral
23

24 ¹⁹ *In the Matter of the Commission's Review of PURPA QF Contract Provisions Including the*
25 *Surrogate Avoided Resource (SAR) and Integrated Resource Planning (IRP) Methodologies for*
Calculating Avoided Cost Rates, Case No. GNR-E-11-03, Order No. 32697 (Dec. 18, 2012).

26 ²⁰ *In the Matter, of the Public Utility Commission of Oregon, Investigation into Qualifying Facility*
Contracting and Pricing, UM 1610, Order No. 16-174 (May 13, 2106).

1 evaluation for valuing a distributed resource; however, the specific mechanism for
2 determining the benefit associated with deferred T&D investment is currently being
3 developed by the Company. It is possible that the investment deferral determined
4 by Idaho Power's methodology will differ from the value that would result from the
5 calculation methodology identified by Mr. Olson. It would, however, better reflect
6 the actual T&D investment being deferred on the Idaho Power system. It should
7 be noted that the value of deferrable T&D capacity will be different for different
8 utilities, and in fact, may vary across an individual utility's service territory.
9 Investments caused by high growth in one part of the Company's system may not
10 be reflective of potential investments deferred in other low-growth areas. Overall,
11 Idaho Power's system is quite rural, and adding solar generation in many areas
12 may not result in any significant deferral of T&D investment. In addition, a utility
13 may not have a growth-related T&D deferral for several years into the future. To
14 accurately reflect this delay, it may be appropriate to include a "T&D deficiency
15 year" to identify the year to start an investment value accruing to solar output in a
16 similar fashion as a resource deficiency year is used for generation capacity. The
17 Company does not believe that a singular methodology for the determination of
18 T&D capacity would be appropriate for all utilities.

- 19 • **Renewable Portfolio Standard Compliance:** The State of Idaho does not have
20 an RPS requirement and, while Idaho Power is subject to the Oregon RPS, its
21 obligations under that statute are not applicable until 2025.²¹ Therefore, Idaho
22 Power would value an RPS component to distributed generation at zero.

23
24 ²¹ The Company's obligations under the Oregon RPS do not apply until 2025, at which time the
25 Company—which is designated as a small utility under the RPS guidelines—must demonstrate that
26 5- or 10-percent of the electricity sold to Oregon retail customers is "qualifying" under the statute.
ORS 469A.055. The Company will not need to add qualifying resources to comply with this
obligation.

- 1 • **Integration and Ancillary Services:** Idaho Power has recently completed a study
2 of integration charges for utility-scale solar facilities, and has filed a petition with
3 the IPUC to update utility-scale solar integration charges in accordance with the
4 study results. Inasmuch as a combined distributed generation program impacts
5 system operations like a utility-scale facility, an integration charge is appropriate.
6 Idaho Power does not consider solar resources to provide ancillary services, and
7 views these components as strictly a cost.
- 8 • **Administration:** The Company has not determined this value as it pertains to solar
9 installations, but agrees that this element is appropriately included in the RVOS
10 model.
- 11 • **Market Price Response:** Market Price Response, and in particular, a Mid-C
12 Market Price impact of new solar generation, is not something Idaho Power
13 currently evaluates. It is unclear as to how the magnitude and quantification of a
14 Mid-C market price response to new solar generation would be determined, at
15 least regarding smaller distributed solar generation as identified in this docket. The
16 Company assumes that this will be a topic of discussion in the utility-specific
17 determination of the inputs to this methodology.
- 18 • **Hedge Value:** Idaho Power's hedging strategy is a prescribed process contained
19 within the Risk Management Policy Manual, and was approved by the IPUC in
20 2002.²² The Risk Management Policy Manual includes Idaho Power's risk
21 management objectives as well as the policies, guidelines, controls and internal
22 procedures established to protect against adverse movements in power supply
23 costs and to ensure that the power cost adjustment balance does not move beyond
24

25 ²² *In the Matter of Idaho Power Company's Interim and Prospective Hedging, Resource Planning,*
26 *Transaction Pricing, and IDACORP Energy Solutions (IES) Agreement, Case No. IPC-E-01-16*
 (Phase II), Order No. 29102 (Aug. 28, 2002).

1 a tolerance level acceptable to customers. The Company's hedging strategy does
2 not vary based upon the addition of distributed generation solar resources, and
3 hedge value is not an item Idaho Power evaluates for new resources. The
4 Company therefore assumes this value to be zero.

- 5 • **Environmental Compliance:** Idaho Power customers currently are not subject to
6 compliance costs associated with carbon emissions. Moreover, any potential
7 future compliance costs that are not yet being incurred and cannot be fully
8 determined do not constitute costs that are avoided by a new solar resource.
9 Therefore, the value of this element for Idaho Power should be zero. If, in the
10 future, environmental compliance costs are actually determined, it may then be
11 appropriate to determine the impact of the reduction of those costs provided by the
12 new solar resource. The Company believes this determination will be different for
13 each utility.

14 **Q. You mentioned above that you do not believe that the RVOS methodology**
15 **should be used within the context of net metering. Can you explain your**
16 **concern?**

17 A. Yes. As discussed above, the purpose of Investigation #2 is to determine the level of
18 cost shifting, if any, resulting from solar installations under each utility's net metering
19 service. Based on discussions with Staff, I understand that the RVOS model will be
20 used as a component of the cost shifting quantification. In particular, I understand that
21 the RVOS will be compared to the revenues and costs associated with net metering
22 customers to determine the cost shifting resulting from this service, if any.

23 **Q. Why is Idaho Power concerned about the application of the RVOS model in the**
24 **quantification of a net metering cost shift?**

25 A. Idaho Power believes the adequacy of a model's design and its applicability are
26 directly related to the context in which it will be applied. While the Company agrees

1 that the approach taken by Staff and Mr. Olson is theoretically reasonable from the
2 perspective of calculating a levelized RVOS, the Company has concerns regarding
3 the model's applicability to net metering service, which necessarily requires an
4 approach that specifically considers the unique aspects of this service. Idaho Power
5 is concerned that the model as structured will result in an inconsistent comparison
6 between the model results and the embedded costs and revenues related to the
7 Company's current net metering service. This concern arises from the use of multiple
8 modeling components that may be appropriate from a long-term levelized cost
9 perspective, but not from an embedded ratemaking perspective. For example, the
10 RVOS model includes future avoided costs related to T&D, and emphasizes marginal
11 rather than embedded costs. Because these costs are not considered in the
12 ratemaking process, and because current rates are not reflective of estimated future
13 costs (or the potential avoidance thereof), the Company feels that these inputs would
14 not be appropriate when calculating a current cost shift associated with net metering
15 service.

16 **Q. Is Idaho Power proposing to modify the RVOS model to address these concerns**
17 **in the first phase of Investigation #1?**

18 A. No. Because Idaho Power's concerns are driven by the application of the model rather
19 than the structure of the model itself, the Company is not proposing any specific
20 changes to the model at this time; the Company believes it is not possible to develop
21 specific recommendations for model improvement until a detailed specific purpose is
22 identified.

23 **Q. Does this conclude your testimony?**

24 A. Yes, it does.
25
26