From: Simone Kastner (skastner88@gmail.com) Sent You a Personal Message

To: <u>Jan Noriyuki</u>

Subject: IPC-E-21-21 Idaho Power Solar Study

Date: Monday, November 29, 2021 5:23:14 PM

Dear Idaho Public Utilities Commission,

Having children in the near future is a priority of mine. I want my kids to be able to grow up in a world, state, and community that is focused renewable energy solutions including solar. My husband and I are Looking to install solar when we repair our roof. Individual action matters but let?s be honest, corporate action can have a bigger impact. Action to slow climate change was required long ago and it?s time we dig in and get to work for our future generations.

I?m an Idaho Power customer and I care about protecting every customer?s right to meet their own energy needs through a fair rooftop solar program, which must be as affordable and accessible as possible. Please ensure that Idaho Power?s ?value of solar? study is fair, accurate, thorough, and evaluates the wide range of benefits that local, clean, customer-owned power provides to customers, the utility, and the public at large.

Sincerely,

Simone Kastner 207 East Carbonate Street Hailey, ID 83333 skastner88@gmail.com (208) 720-6488

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

November 29, 2021

Commission Secretary Idaho Public Utilities Commission P.O. Box 83720

Boise, Idaho 83720-0074

E-mail: secretary@puc.idaho. gov

Case number IPC-E-21-21; design of net-metering study

Thank you for this process!

I'm very glad to see Idaho Power proposing that the study include avoided energy value, avoided capacity value, avoided transmission and distributions costs, avoided line losses, and environmental and other benefits. I'm unclear about the "integration costs" angle, though.

Please ensure the study is as holistic as possible, with an emphasis on what responsibility our species has in supporting the health of our planet – and, by extension, the health of all humans. For far too long, the conversation has focused too heavily on monetary factors, and too little on other pieces of the energy puzzle. When a utility isn't sufficiently accountable for externalities (such as the impact of unhealthy atmosphere on our health and the planet's well-being), we are in trouble. In the absence of appropriate and substantive financial methods of incentivizing the best possible action, we must pursue an ethical framework in other ways.

Put another way: cost should not be the overriding factor in choosing a path. Further, the term should be more than financial, fully analyzing all externalities (such as impact of carbon / methane / particulates on human health, impact of increased fires due to climate change, insufficiency of fish ladders in lieu of breaching dams, etc.)

We cannot truly put a dollar amount on healthy ecosystems – nor should we need to. The value is intrinsic and apparent, such as when saving species like salmon and sage grouse (and, preferably, ensuring they flourish).

In terms of energy efficiency and avoiding new fossil fuel facilities, it seems we've been on a promising path for a while.

Over the years, Idaho Power has asked us to scale back on electricity use during hot & sunny summer days, with tips such as "run your dryer at night, bake only in the evening." The utility has even asked us to let them turn off our air conditioners at peak times.

They've provided all sorts of incentives for other ways to avoid infrastructure expansion costs. Free recycling pick-up and free LED bulbs for getting rid of a second refrigerator or freezer. Irrigation Efficiency Rewards Program offering incentives such as free energy evaluations and education. In Oct 2016: free drying racks. The following spring: free energy-savings kits.

Yet when it comes to embracing solar power from customer-provided on-site generation – something that would directly address peak demand on summer days, for example, at no or minimal infrastructure cost to Idaho Power, and which would avoid needing to build new power plants – the utility seems to retreat, complaining about the cost of integration, and talking about solar costing more than other options.

Additionally, though, when customers have been asked to support the expansion of solar power in the grid, it seems that's only when Idaho Power owns the solar panels. Why is that?

In Oct 2015, the *Consumer Connections* insert talked about Solar 4 R Schools: 16 schools so far had received solar panels with support from Idaho Power's Green Power Program – funded by customers.

In autumn 2016, we were offered the option of purchasing solar power at a one-time \$562 subscription, in combination with contributions from Idaho Power shareholders, with which the company would build a 500-kilowatt solar array next to Boise Bench substation in SE Boise. It wouldn't be funded non-participating customers. Later we'd receive a small bill credit on monthly bill based on electricity generated by installation.

I don't recall seeing such subscription appeals for creating new non-green (such as natural gas) power generation facilities. What are reasons for that difference?

Idaho Power requests that the upcoming study includes "methods for determining the integration costs of customer generators" and asks it to "determine if ECR [export credit rate] should be reduced to account for integrating customer-generator resources." There's also a suggestion to "Show how non generating customers are harmed or benefited from the expiration of customer export credits." And to quantify the "impact to non generating customers of a 2-year, 5-year, and 10-year expiration period."

First, why is the utility not doing everything in its power to move as quickly and aggressively in the direction of solar and wind as possible? We've been making energy mistakes for over a century. The science on climate is more certain than the science on tobacco. We must use every tool possible to correct course.

Second, if the supposed concerns about integration and export credits are valid, then exploring those considerations must be made in a holistic way – and they must be balanced out by how *other* customers interact with the energy grid. Singling out customers who proactively (& at considerable up-front expense to themselves) assist with the greenest possible electricity generation, then applying seemingly punitive measures to

them (such as reducing their ECR), doesn't seem to be the best long-term approach.

I don't find any mention, in Idaho Power's requested study parameters, of something like "adverse infrastructure expenses caused by customers who waste energy" – such as those who don't make their homes energy efficient even if they can afford to, or run their dryers on sunny August afternoons, or who choose to live in large houses or pursue high-electricity-consumption hobbies, etc. Why should the rest of us pay for new power generation facilities – why not assess those specific customers for grid expenses?

If Idaho Power truly wants to evaluate how much solarproducing customers "cost" the utility, then in all fairness they need to concurrently evaluate how much all other customers (that is, those that don't generate solar power on-site) are "costing" the utility.

Also: What does the \$5.00 monthly service charge cover? Solar-power generating residences pay it, too, yes? So how are they negatively impacting Idaho Power?

Please also include these elements in the study design:

- A. What percentage of residential or other customer onpremise installations send power to the grid? In other words, how much energy is being generated for Idaho Power by its customers? Annual trend-lines.
- B. How much solar and wind power is necessary in order to get to net zero carbon (& drastically reduced methane) in our atmosphere in the very near future? How does that compare with the data in "A"?
- C. How much benefit, in terms of opportunities to decentralize the power grid, do solar installations (& any accompanying battery / storage) provide? As laypeople, we know about the Texas power grid failure this year. We know about Enron and how such systems can be manipulated. We saw what happened in Puerto Rico with centralized power out for so very long. Many of us understand cybersecurity threats to large grids, as well. How can Idaho Power maximize localized / distributed / micro power grid options to help prevent such problems?
- D. Concurrently, do we honestly need new transmission lines spanning hundreds of miles? How much easier would it be for Idaho Power to support environmental preservation (such as sage grouse habitat) if it were able to rely more on distributed and micro grids?
- E. How can Idaho Power more effectively incentivize solar installations around the state and in nearby states?
- F. What right-of-way or other hurdles might Idaho Power need help with, in order to more fully embrace and

- pursue 100% renewables, including moving away from dams? What legislation or other tools are needed, and how can the public, the Idaho Public Utilities Commission (PUC), or other entities assist?
- G. In 2007, when Idaho Power was planning a new natural-gas-powered turbine in Southern Idaho, what if on-site solar power generation had been installed instead? How much CO₂, methane, and other greenhouse gas could have been avoided? If Idaho Power was constrained by federal or state regulation, or other external mandates, that prevented them from going with solar rather than natural gas: outline them, indicate if they are still present, and explain how Idaho Power's partners and its customers can assist in removing those barriers now.
- H. What can PUC & Idaho Power do to provide enough truly green energy to enable removal of the 4 dams on the Lower Snake River? How can customers & partners help?
- I. What is within Idaho Power's ability in terms of supporting agrivoltaics, where solar panels & farming can literally co-exist while helping one another? This was recently described in "This Colorado 'solar garden' is literally a farm under solar panels" (https://www.npr.org/2021/11/14/1054942590/solar-energy-colorado-garden-farm-land) about an installation generating power for 300 homes. "... the shade from the towering panels ... helped the plants thrive. ... less evaporation of coveted irrigation water. ... the evaporation actually helped keep the sun-baked solar panels cooler, making them more efficient."
- J. What is within Idaho Power's ability, in terms of supporting solar installations on other non-Idaho-Power property, such as above irrigation canals (also reducing evaporation), along roads & highways, along railways, on top of public buildings, on top of parking garages, as carports above surface parking lots, and so forth?

Please, Idaho Power and PUC, work separately and in tandem to maximize every tool available to you in helping each human on Earth experience the healthiest possible global atmosphere (reduced CO₂, methane, at al), rivers, and oceans that our species can accomplish.

With deep appreciation to all of you at the PUC, Idaho Power, and other parties who've helped get us to this opportune moment of such a study.

Sharon Matthies Boise, ID From: Rob Landerman (rob.landerman@gmail.com) Sent You a Personal Message

To: <u>Jan Noriyuki</u>

Subject: IPC-E-21-21 Idaho Power Solar Study

Date: Tuesday, November 30, 2021 8:47:55 AM

Dear Idaho Public Utilities Commission,

Solar is clean and abundant energy that should be accessible to everyone. We would be using solar if it were affordable, and I know many others who feel the same. Allowing customers to own solar is important for the resilience of our community.

I?m an Idaho Power customer and I care about protecting every customer?s right to meet their own energy needs through a fair rooftop solar program, which must be as affordable and accessible as possible. Please ensure that Idaho Power?s ?value of solar? study is fair, accurate, thorough, and evaluates the wide range of benefits that local, clean, customer-owned power provides to customers, the utility, and the public at large.

Sincerely,

Rob Landerman 6302 W Russett St Boise, ID 83704 rob.landerman@gmail.com (208) 602-9318

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: Michael Engle
To: Jan Noriyuki
Cc: Michael Engle

Subject: Portneuf Resource Council comments on Case Number IPC-E-21-21

Date:Tuesday, November 30, 2021 9:22:53 AMAttachments:PRC Final Comments to IPUC re IPC-E-21-21.pdf

Greetings,

The attached pdf and included as text in this email, are the comments from the Portneuf Resource Council regarding IPC-E-21-21.

Thank you for the opportunity to input on this important case before the Idaho PUC.

Sincerely, Mike Engle Chair, Portneuf Resource Council 208 284 3825



November 30, 2021

Dear Idaho Public Utilities Commission,

This letter is concerning Idaho Power's (IPC) fair and credible valuation study of solar power, case number IPC-E-21-21. The Portneuf Resource Council (PRC) is a non-profit organization in Southeast Idaho that promotes clean energy and clean water. PRC represents more than three hundred citizens in southeast Idaho who are interested in or already have powered their homes or businesses with solar power.

We acknowledge Idaho Power's commitment to 100% renewable energy by 2045 and appreciate in the most recent Integrated Resource Plan, IPC's modeling to pull that 100% date back to 2035.

The current drought in the Western United States is altering precipitation patterns which reduce Idaho's snowpack, reduce the aquifer and reservoir capacity and negatively impact IPC's hydropower capabilities. As coal plants close and reservoir levels drop, a valuation of solar power that considers a full range of advantages, including environmental and societal benefits, can help IPC reach these goals. Appropriate valuation of net metering is critical to making solar energy economically attractive for residents and businesses, as well as accessible and affordable to low- and middle-income Idahoans.

PRC's recommendations are based on Idaho Law (IC 31-302) that directs Idaho Power to "furnish, provide, and maintain such service, instrumentalities, equipment and facilities as shall promote the safety, health, comfort and convenience of...the public". We reference Shining Rewards: The Value of Rooftop Solar Power for Consumers and Society, 2016 ed by Environment America¹. In that report twelve of the sixteen valuation studies showed the value of residential solar to be at or above the retail electricity rate. In addition, we referenced Michigan's 2020 valuation study².

The public has made it clear that individually owned rooftop solar systems and other distributed energy systems should remain a viable economic and environmental solution for businesses, homeowners, and government agencies.

Idaho residents demand this for a variety of reasons, including:

- Idaho Power has a 100% clean energy goal let the public join in and contribute to that goal with fair programs
- Customers of all types deserve programs that help make the right choice for their family's energy use, ensuring pathways to universal access for all Idaho residents to participate in energy production
- Local clean energy systems provide grid security and reliability while protecting our climate and public lands from catastrophic events like wildfires
- Distributed energy system owners should be fairly compensated for the services they provide, and programs should enable a local energy economy

PRC requests the following considerations be included in the IPC valuation study:

- Use a neutral third-party to conduct the study and/or review the results of the study.
- Evaluate avoided environmental cost, including environmental compliance, pollution scrubbers, a carbon tax, and carbon capture expenses.
- Evaluate the avoided cost of new distribution and transmission capacity, as well as electricity losses due to long distance transmission.
- Evaluate the avoided cost of investing in new reserve and general capacity including powerplants, and other forms of infrastructure.
- Evaluate the avoided fuel cost or in the case of hydropower, cubic feet of water.
- Evaluate the reduction in financial risk. The price of solar power is more stable and predictable than coal and natural gas prices.
- Evaluate avoided plant operation and maintenance, both variable and fixed costs.
- Evaluate health benefits from mitigating climate change by moving more rapidly to clean energy for power generation. This should include the reduction in lives lost due to heat and pollution, and the avoided cost of medical bills due to reduced asthma, allergies, and respiratory illness.
- Evaluate the increase in grid reliability. Incorporation of micro-grids and battery storage
 increases overall grid reliability and stability especially in rural locations with limited power
 capacity.
- Evaluate the avoided cost of burying new, long distance power lines. As recently seen in the Pacific Northwest, drought and other weather factors associated with climate change create conditions where traditional power lines can cause catastrophic wildfires.

Thank-you for your consideration of these points in directing the IPC Solar Valuation Study.

Sincerely,

Mike Engle

Chair, Portneuf Resource Council

208 284 3825

¹Shining Rewards (environmentamerica.org)

²https://cleantechnica.com/2020/08/08/the-value-of-rooftop-solar-power-in-michigan-24-cents-per-kwh/

 From:
 Rebecca Bundy

 To:
 Jan Noriyuki

 Subject:
 IPC-E-21-21

Date: Tuesday, November 30, 2021 9:45:50 AM

Attachments: image001.png

Dear Idaho Public Utility Commission,

I have been an Idaho Power net metering customer since 2002. In the past, Idaho Power Company (IPC) has been supportive of our endeavors to provide clean, renewable, distributed power. Our peak power supply to the grid neatly coincides with IPCO's peak need – hot summer afternoons when air conditioners and, especially, when irrigators are using huge quantities of electricity. Our distributed power production should be an important component of IPC's commendable 100% clean energy goal. It increases grid security and reliability, protects the climate and protects public lands. We make our greatest power contribution to the grid at peak need, helping IPC avoid purchasing power at peak power prices.

We welcomed the IPUC's decision to grandfather in the terms of our current grid tied photovoltaic system, but we are concerned that the last few years of inaction and indecision have discouraged installations of new distributed energy production. It has certainly discouraged us from expanding our system!

So, we welcome, finally, the commencement of a study to determine a fair and equitable rate structure for net metered power production. It is important, however, that the study takes into account more than just the monetary costs to IPC to deliver power. The study needs to account for real and comprehensive costs and benefits, including environmental protection, greenhouse gas reduction, economic benefits (new renewable energy jobs), health benefits, local power production and supply of peak power. The resultant rate structure should be fair and predictable, to encourage long term investment in renewable energy, and should reward the investor for their upfront contribution to IPC's clean energy future.

Thank you for the opportunity to comment.

Rebecca F. Bundy and Kurt L. Maurer

PO Box 2313

Ketchum, ID 83340

Rebier F Bring

 From:
 Leah Tucker

 To:
 Jan Noriyuki

 Subject:
 Case # IPC-E-21-21

Date: Tuesday, November 30, 2021 10:17:04 AM

Leah Tucker 950 N Snead Pl Eagle, ID 83616

Dear Commission Secretary,

I am an Idaho Power customer and I want clean energy choices that will make it financially practical to go solar. I call on the Idaho Public Utilities Commission to ensure solar has a fair market valuation. This would help all Idahoans by creating resilient local grid systems, reducing transmission line impacts on wildfires and wildlife ecosystems, growing the clean energy economy, creating good-paying local jobs, and helping Idaho Power meet its 100% clean energy goals.

 From:
 Andrea Duncan

 To:
 Jan Noriyuki

 Subject:
 Case # IPC-E-21-21

Date: Tuesday, November 30, 2021 10:28:36 AM

Andrea Duncan 3096 South Jupiter Avenue Boise, ID 83709

Dear Commission Secretary,

I am an Idaho Power customer and I want clean energy choices that will make it financially practical to go solar. I call on the Idaho Public Utilities Commission to ensure solar has a fair market valuation. This would help all Idahoans by creating resilient local grid systems, reducing transmission line impacts on wildfires and wildlife ecosystems, growing the clean energy economy, creating good-paying local jobs, and helping Idaho Power meet its 100% clean energy goals.

 From:
 Bob Barrow

 To:
 Jan Noriyuki

 Subject:
 IPC-E-21-21

Date: Tuesday, November 30, 2021 11:04:31 AM

I am writing to encourage you to keep and expand the Net metering program in every way possible. I have a solar panel system on my house and encourage all of my friends and clients to do the same. In this age of climate change you should promote alternative power generation in every way possible.

Bob Barrow Barrow Design & Construction www.barrowdc.com 208-572-6076 From: Braden Jensen
To: Jan Noriyuki

Subject:Comments - Case ID: IPC-E-21-21Date:Tuesday, November 30, 2021 11:16:38 AMAttachments:IFBF Comments to PUC - IPC.E.21.21.pdf

Jan:

I hope this email finds you well.

Please see the attached document with Idaho Farm Bureau's comments regarding Case ID: IPC-E-21-21. We ask this letter be considered by the Commission.

Thank you for your time and assistance.

Best regards, Braden Jensen

Deputy Director of Governmental Affairs office 208-342-2688 | cell 435-230-3992 fax 208-342-8585 | bjensen@idahofb.org



Idaho Farm Bureau Federation[®] — *The Voice of Idaho Agriculture* [™] 500 W. Washington Street, Boise, ID 83701 <u>www.idahofb.org</u>

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500 West Washington Street Boise, Idaho 83702 (208) 342-2688 Fax (208) 342-8585

November 30, 2021

RE: Case ID:IPC-E-21-21

Idaho Public Utility Commission:

On behalf of the nearly 80,000 Idaho families who are members of the Idaho Farm Bureau Federation (IFBF or Farm Bureau), I write to provide comments on Case ID: IPC-E-21-21 regarding the Commission directed Idaho Power Company study of on-site power generation.

The Farm Bureau is the state's largest general agriculture organization representing all of Idaho's commodities and producers in all 44 counties. Our organization has members that have participated in Idaho Power Company's net metering program with their own on-site power generation capabilities. As the on-site power generation options continue to expand and develop (particularly with solar panels), we have members that are increasingly interested in evaluating the effectiveness of these options for their own farms and ranches.

IFBF is supportive of the Commission directed study of on-site power generation, and we ask both Idaho Power Company and the Commission to see that this study is conducted in an efficient, thorough, fair, and expedited manner. It is important that the utility establish an effective and sustainable compensation structure so that individuals can evaluate for themselves if on-site power generation makes sense for them, or not. We are not asking for any favor to be given to one side or the other through this study regarding those who pursue on-site generation verses those that don't, as we have members in both categories. We simply desire for rates to be established and programs in place that are equitable and reasonable for our members to consider for themselves.

In addition, we ask that the sizing of generation systems relative to power loads be considered as part of the scope of this study, in particular the current 100kW limit. We believe that this is an important aspect of this topic, and it deserves additional analysis. We also ask again that this entire process be done in a timely manner for Idahoans to take advantage of funding opportunities that exist to aid those that may choose to pursue on-site generation.

We thank the Commission for its time and consideration of these comments. We look forward to participating with the utility through this collaborative study. For any questions on this topic, please contact Braden Jensen at 208-342-2688.

Sincerely,

Bryan Searle, President

Idaho Farm Bureau Federation

 From:
 Diane Ronayne

 To:
 Jan Noriyuki

 Cc:
 Gary E Richardson

Subject: IPC-E-21-21 - Idaho Power Solar Study Comment
Date: Tuesday, November 30, 2021 2:35:00 PM

To whom it may concern -

My husband, Gary Richardson, and I installed solar panels on our home in the Boise foothills in June 2020. We know we won't live long enough to recoup the expense, but we strongly believe clean energy production can slow down climate change, and we want to do our part to help Idaho Power reach 100% clean energy asap.

Please order Idaho Power to continue crediting solar power producers like us at the same rate IP pays for energy from other sources. Net metering should be required and predictable for all. Another solarization incentive would be for IP to help business and residential customers with the expense of solar installation. These steps would help make solar more attractive to more people and would move IP toward its goal faster.

In order for the rooftop solar valuation study to be fair and correctly state the benefits that local, clean, customer-owned power generation provides, please require this study to be done by a neutral third party, not by Idaho Power.

I hope you will provide guidance to create a study that will clearly answer these questions:

- 1. How will potential solar owners know the program is fair and predictable?
- 2. What are the rules potential solar owners need to follow to participate in the program?
- 3. How can program participants continue to engage in any future updates to the program?
- 4. How does the customer-generation program align with and support Idaho Power's commitment to 100% clean energy?

We must work together to ensure that customer-owned power is a reliable and easy-to-choose option for all Idahoans.

Thank you!

Diane Ronayne 746 N Santa Paula Ct Boise ID 83712-6564

"Want what you have.

Do what you can.

Be who you are."

-- Forrest Church, Love & Death

Diane Ronayne

 From:
 Jane Rohling

 To:
 Jan Noriyuki

 Subject:
 Case # IPC-E-21-21

Date: Tuesday, November 30, 2021 2:53:59 PM

Jane Rohling 582 Palmetto Drive Eagle, ID 83616

Dear Commission Secretary,

I am an Idaho Power customer and I want clean energy choices that will make it financially practical to go solar. In fact, I'm so committed to solar and doing my part to slow climate change, that I plan to install a solar system on my home in the near future even though it won't pay for itself in my lifetime. It's the right thing to do for the environment! However, it will make it harder if Idaho Power is allowed to decrease the credits for power I produce that goes into their grid. I am a senior citizen on a fixed income and I need to save on my expenses wherever I can.

I am asking the Idaho Public Utilities Commission to ensure solar has a fair market valuation. This would help all Idahoans by creating resilient local grid systems, reducing transmission line impacts on wildfires and wildlife ecosystems, growing the clean energy economy, creating good-paying local jobs, and helping Idaho Power meet its 100% clean energy goals. It will also be a factor in the decision of many homeowners who are weighing the decision, now and in the future, about whether they will install a solar power system or not. At a time when we are seeing a rapid escalation of the impacts of climate change, we need you to help make it possible for more people to move to clean, sustainable energy ASAP. We are fortunate to have a lot of

hydropower in this area, but as we are beginning to see, climate change and extended droughts, along with the tremendous population growth in Idaho and across the arid West, may impact the future availability of hydroelectric power we have come to take for granted. I think I recall hearing that the amount of hydropower available to Idaho Power Company was impacted significantly this year for this reason.

Please, keep this in mind when you evaluate this Idaho Power case as well as future requests that might slow the transition to greener energy!

 From:
 Mary Beth Cronyn

 To:
 Jan Noriyuki

 Subject:
 Case # IPC-E-21-21

Date: Tuesday, November 30, 2021 3:11:20 PM

Mary Beth Cronyn 3173 S. Stonington Ave. Eagle, ID 83616

Dear Commission Secretary,

I am an Idaho Power customer and I want clean energy choices that will make it financially practical to go solar. I call on the Idaho Public Utilities Commission to ensure solar has a fair market valuation. This would help all Idahoans by creating resilient local grid systems, reducing transmission line impacts on wildfires and wildlife ecosystems, growing the clean energy economy, creating good-paying local jobs, and helping Idaho Power meet its 100% clean energy goals.

Further, I want the ability to divest from Idaho Power as their ability to manage the power grid becomes unattainable without instituting rolling blackouts. I want to be able to buy - and sell - my solar power.

Sincerely, Mary Beth Cronyn From: PUCWeb Notification

To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb Date: Tuesday, November 30, 2021 2:00:08 PM

The following comments were submitted via PUCWeb:

Name: Victor Valencia

Submission Time: Nov 30 2021 1:14PM

Email: vavalencia@gmail.com Telephone: 408-506-2504 Address: 13442 Zinfandel Lane

Caldwell, ID 83607

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My name is Victor Valencia and I am an Idaho Power customer living in Caldwell. I am a software engineer and grape/wine producer . I care about supporting fair solar options for Idaho customers because I think it's an important option available to retirees or near-retirees to reduce their monthly expenses. Many people have spent a significant amount of money installing a solar system and cutting the net-metering buy-back rate in half is financially catastrophic. Personally, my system installation cost was \$58,000. If the buy-back rate is cut in half I would have to double the size of my system or continue paying my \$600/month power bill in the winter. It's difficult enough to pay higher property taxes due to increased home values but this could make things even worse. Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid. I think the study should also consider the impact to those that already purchased a solar system. Victor Valencia Caldwell, ID "

Name: Richard Aman

Submission Time: Nov 30 2021 1:39PM

Email: rick@amanarts.com Telephone: 208-850-6707

Address: 7263 Southern Vista Crt

Star, ID 83669

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My name is Dr. Richard Aman and I am an Idaho Power customer living in Star. We have added solar since 2019 and had to dispute the issue Idaho Power had brought up regarding buy our excess power at wholesale and selling it back to us at retail. It was correctly

disallowed. I care about supporting fair solar options for Idaho customers because we spent a significant amount of our personal savings for both roof top solar and batteries. Given our investment, Idaho Power should simply honor the existing agreement with solar customers Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid. Richard Aman "

From: PUCWeb Notification
To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb Date: Tuesday, November 30, 2021 11:00:06 AM

The following comments were submitted via PUCWeb:

Name: Sonya S

Submission Time: Nov 30 2021 10:26AM

Email: sonya@revolusun.com Telephone: 208-994-5056 Address: 505 W. Idaho Boise, ID 83702

Name of Utility Company: ID Power

Case ID: IPC-E-21-21

Comment: "Hi, I am an advocate for clean energy in Idaho. I believe that people should have the choice in regards to how they power their homes, and whatever method they choose should not be manipulated by competing companies. I hope you strongly consider making the Idaho Power net metering study be completed by an independent third party, giving the people fair and non-biased results. Thank you"

Name: Andrea Duncan

Submission Time: Nov 30 2021 10:21AM

Email: andrea.duncan@gmail.com

Telephone: 208-890-7688

Address: 3096 South Jupiter Avenue

Boise, ID 83709

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "Please do not allow Idaho Power to decrease the net credits from home owners with solar. First, we should be working to offset the demand on Idaho Power with the significant growth in the Valley. And second, homeowners are trying to be more responsible in utility costs and allowing Idaho Power to do this creates more of a deficit in monthly solar costs vs monthly electrical costs which will make a switch to solar less appealing. This definitely seems like a customer dependency grab by Idaho Power when we should be focusing on serving the Valley fairly. Please intervene. This will put more financial burden on people who still owe for their solar systems!"

From: PUCWeb Notification

To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb **Date:** Tuesday, November 30, 2021 1:00:05 PM

The following comments were submitted via PUCWeb:

Name: Cathy Kriloff

Submission Time: Nov 30 2021 12:56PM

Email: ckriloff@hotmail.com Telephone: 208-235-7520 Address: 209 S. 8th Ave. Pocatello, ID 83201

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "I strongly support residential, distributed, and other solar and renewable energy sources. We were long time contributors to the Green Power program, are careful users of power, and purchased solar panels for our home. I approve of the statement submitted by the Portneuf Resource Council and wish to reiterate the points made there and below. I appreciate that Idaho Power has a 100% clean energy goal and that tos has been moved forward. I hope they will let the public join in and contribute to that goal with fair programs. Customers of all types deserve programs that help make the right choice for their family's energy use, ensuring pathways to universal access for all Idaho residents to participate in energy production · Local clean energy systems provide grid security and reliability while protecting our climate and public lands from catastrophic events like wildfires · Distributed energy system owners should be fairly compensated for the services they provide and programs should enable a local energy economy. Thank you."

Name: Rob Black

Submission Time: Nov 30 2021 12:27PM

Email: rob@egtsolar.com Telephone: 208-936-0358

Address: 1628 S Loggers Pond Place #12

Boise, ID 83706

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "The PUC continues to allow Idaho Power to argue a net metering policy that will completely destroy the industry in Idaho. This industry employs thousands of people in Idaho and now ten of thousands of people in the US. Idaho Power needs to fall in line with other states who credit excess power at .85-.9 and just move on. This continual fight is costing Idaho Power Millions of dollars each year while they complain about losing Thousands as only around 1% of all Idaho Power customers have solar on their home. When will this ever stop?

100% renewable by 2045 they say!!! Sounds like a PR Stunt if I have ever saw one. The PUC needs to shut this down until Idaho Power can actually come to the table with a net metering policy that makes sense to both Idaho Power and the consumer."

Name: Lon Stewart

Submission Time: Nov 30 2021 12:14PM

Email: afreeeagle@yahoo.com Telephone: 208-841-3929

Address: 3477 N Shadow Hills Dr

Eagle, ID 83616

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "As an Idaho Power customer interested in installing solar panels, I am interested in the upcoming study of this case. Some points I would like to be considered include: 1.) Why is Idaho Power conducting the study to determine the value of on-site generated power? Idaho Power may know the intricacies of their system but an outside neutral engineering firm should build upon or conduct their own study to determine the validity of Idaho Power's findings. Currently, the study appears to have the same results as "the fox guarding the hen house." 2.) Idaho Power has publicly made a commitment to provide 100% clean energy by 2045. They have invested in off-site power projects such as Jackpot Solar but do not seem willing to support on-site generation throughout their territory. The study should investigate why they are resistant to customer based geneartion. 3.) Customer based on-site generation would provide many advantages to Idaho Power that an off-site generation facility would not, some of which would include: no transmission losses to the user no power outages due to line interruptions no need for construction of cross country power lines lesser need to construct more power generation the financial risk is transferred to the customer instead of Idaho Power provides better grid security and reliability as all customer based generation would not be interrupted compared to a single off-site facility going offline. 4.) It would appear that based on items in No. 3 above that Idaho Power would be very willing to provide favorable pricing for customer based on-site generation. With the hundreds of millions of dollars Idaho Power has invested in power generation such as Jackpot Solar, Langley Gulch and the Boardman to Hemingway Power Line it seems like Idaho Power is overlooking "low hanging fruit" to help with customer based generation or at least providing a favorable pricing structure to the customer. The study should provide an in depth review of why customer based on-site generation has not been given more favorable status. 5.) The study should provide cost analysis for at least a 20 or 25 year period. Customers are making a very large investment to install on-site generation and it is only fair that they have a reliable and predictable payout schedule to base their investment upon. Idaho Power would not make large investments if they did not have similar long term reliability analysis. 6.) The study should address how Idaho Power intends to compensate users with electrical storage capacity. Will electrical storage compensation only be available for those with on-site generation? Will customers with dedicated power storage, but no power generation, or customers with electric vehicles be charged different rates? Will different rates be applied if these storage units are available for Idaho Power to draw power from in times of need? 7.) The study should address why Idaho Power is not "walking the talk." Their public relations indicates they are in favor of clean

energy but it only appears to be on their terms. Long term net metering rates have become much worse for the customer. Just the opposite should be true. Customer based on-site generation will help supply power to the grid but current pricing makes the customer feel punished for installing such generation. Locally generated power has a double effect by avoiding line loss and avoiding that line loss power that was initially generated. The study should examine these benefits to Idaho Power through risk analysis and economics, it may be that compensation to the customer may be greater than net zero pricing. I am an Idaho Power customer. The power provided is generally very reliable, however my potable water is supplied by an on-site well. When the power goes out, we are out of water. I do not want to purchase a gasoline powered generator to just to have sitting in my garage 99+% of the time and contend with the issues of maintaining that piece of equipment. I would much rather install solar panels with battery storage as my backup power source. Installing solar panels would decrease my carbon footprint, improve my electrical reliability, decrease my impact on the grid, and help Idaho Power meet their clean energy goals. In return, I would hope that the study finds ways to for Idaho Power to provide a reliable long term (greater than 25 years) price structure that fairly compensates the customer. Thank you for the opportunity to comment. "

From: PUCWeb Notification

To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb Date: Tuesday, November 30, 2021 4:00:06 PM

The following comments were submitted via PUCWeb:

Name: Jennifer Isenhart

Submission Time: Nov 30 2021 3:12PM

Email: jen@wideeye.tv Telephone: 208-861-6824 Address: 2901 N Mountain Rd

Boise, ID 83702

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My name is Jennifer Isenhart and I am an Idaho Power customer living in Boise, Idaho. I am a homeowner, a business owner, a mom and a concerned citizen. I care about supporting fair solar options for Idaho customers because I want a clean energy future for my children. Our own family has considered going solar by installing panels on our home, but couldn't make a decision because of the lingering questions over net metering. I encourage Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid."

Name: Christina OBrien

Submission Time: Nov 30 2021 3:01PM

Email: idaho.obriens@gmail.com

Telephone: 208-658-6870 Address: 1905 N Dalton Ave

Boise, ID 83704

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "I am the owner of a residential solar powered house, and am pleased to help Idaho Power toward its goal of 100% clean energy. By dispersing solar power through community rooftops, we are easing the burden of energy generation and grid delivery. I am all for policies and programs that encourage individuals, families and businesses to install solar power. Energy independence and green power will only become more important in years to come. Idaho Power needs to ensure that net metering remains fair for us. I am opposed to proposals that reduce incentives for household solar. Please monitor Idaho Power's proposed net metering rate study to ensure that it is fair and equitable for all concerned, and that the study is transparent and available for public review and comment. Thank you for consideration.

Christina O'Brien "

Name: Jamie Somma

Submission Time: Nov 30 2021 3:50PM

Email: jamie.somma@gmail.com

Telephone: 512-659-4085 Address: 4247 E Arborvitae Ct

Boise, ID 83716

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "RE: Net Metering Study Hello, my name is Jamie Somma and I am an Idaho Power customer living in Boise. I enjoy the natural beauty of our state with friends and family and am interested in helping our community become more resilient in light of increasing weather weirdness which affects our food, energy and national security. I care about supporting fair solar options for Idaho customers because I think that the more distributed our critical functions like power generation and food production are, the less fragile our communities will be. These are also national security issues. And like the participation of the American people in WWII with victory gardens, rationing, and material drives - encouraging Idahoans to participate in the energy, climate and food resilience is an important part of our national security. I think recent examples in Texas, California and the Northeast help illustrate the challenges and need for widespread resilience to emergencies that arise. Preparation is one way we can better love our neighbors so we can be more available to help instead of needing to be rescued. Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid. Thanks for your sincere consideration in helping strengthen our entire community. Jamie Somma "

Name: John Gebhards

Submission Time: Nov 30 2021 3:39PM

Email: gebhardsj@gmail.com Telephone: 208-630-4093 Address: 1444 Dragonfly Loop

MCCALL, ID 83638

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "As an owner of a roof top solar system, I feel that Idaho Power's attempt to compensate solar providers less is not fair to those that have or may want to place a solar systems on their homes. Solar producers benefit no more than regular Idaho Power customers

from the power infrastructure. As a homeowner, I paid for the system and Idaho Powers connection fees just like any other customer would have to do. Solar providers need not worry about what they generate in excess of their needs not be valued the same from year to year. Additionally, if an owner of an existing array that was previously grandfathered into the net metering rule wants to expand their system, they would need to re-permit with Idaho Power and lose that grandfathering and the net metering. This in a way is Idaho Powers way at limiting the potential for Idahoans to produce clean energy that Idaho Power does not have direct control over. Please make the right decision for Idahoans and require that Idaho Power do a fair and unbiased third party study of all renewable energy sources. Thank you, John"

From: PUCWeb Notification

To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb Date: Tuesday, November 30, 2021 3:00:05 PM

The following comments were submitted via PUCWeb:

Name: Alex Brun

Submission Time: Nov 30 2021 2:35PM

Email: alexjbrun@gmail.com Telephone: 360-359-3700 Address: 744 Deer Forest Dr.

McCall, ID 83638

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My name is Alex Brun and I am an Idaho Power customer living in McCall Idaho. I'm a stay at home dad with two young kids, and avid outdoorsman. I moved to Idaho five years ago after living in other mountain towns - and our family loves it here. I care about supporting fair solar options for Idaho customers because we invested in a roof top solar system 3 years ago. We enjoy the benefits of net metering and it was one of the reasons we were able to justify this expensive addition to our home. My wife and I want to do our part to combat climate change in order to preserve a livable climate for our children. We believe residential solar generating systems are one way to do that. Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid. Sincerely, Alex Brun "

Name: JP Jordan

Submission Time: Nov 30 2021 2:00PM

Email: jjordan@eltech.net Telephone: 208-602-0226 Address: 5846 S Orchid Way

Boise, ID 83716

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid. AC-coupled batteries should not count against the 25kw limit. In fact, this limit shouldn't exist either. Why so much regulation in a red state?"

Name: Hadley Robertson

Submission Time: Nov 30 2021 2:30PM Email: hadleyrobertson@gmail.com

Telephone: 208-921-5145 Address: 18835 Symms Road

Caldwell, ID 83607

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My name is Hadley Robertson and I am an Idaho Power customer living in Caldwell Idaho. I am a wine grape grower and live and work on a solar operated property. As a local farmer and business our family opted to utilize solar power to operate our farm and residence. We have an abundance of sun and with an ever-changing high desert climate we often experience drought. We wanted to utilize power that was not sourced from a dam and also utilize all the high irradiance value we have here in Idaho. We're very much interested in having Idaho Power conduct a comprehensive study of solar and consider the great resource that is solar power and the value that solar powered properties provide to the environment, economy and community. This study should be conducted transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the community grid. Kind Regards, Hadley Robertson "

Name: Diane Ronayne

Submission Time: Nov 30 2021 2:37PM

Email: dianeronayne@gmail.com

Telephone: 208-336-2128 Address: 746 N Santa Paula Ct

Boise, ID 83712-6564

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "My husband, Gary Richardson, and I installed solar panels on our home in the Boise foothills in June 2020. We know we won't live long enough to recoup the expense, but we strongly believe clean energy production can slow down climate change, and we want to do our part to help Idaho Power reach 100% clean energy asap. Please order Idaho Power to continue crediting solar power producers like us at the same rate IP pays for energy from other sources. Net metering should be required and predictable. Another solarization incentive would be for IP to help business and residential customers with the expense of solar installation. These steps would help make solar more attractive to more people and would move IP toward its goal faster. In order for the rooftop solar valuation study to be fair and correctly state the benefits that local, clean, customer-owned power generation provides, please require this study to be done by a neutral third party, not by Idaho Power. I hope you will provide guidance to create a study that will clearly answer these questions: l. How will

potential solar owners know the program is fair and predictable? 2. What are the rules potential solar owners need to follow to participate in the program? 3. How can program participants continue to engage in any future updates to the program? 4. How does the customer-generation program align with and support Idaho Power's commitment to 100% clean energy? We must work together to ensure that customer-owned power is a reliable and easy-to-choose option for all Idahoans. Thank you! Diane Ronayne 746 N Santa Paula Ct Boise ID 83712-6564"

Name: Keith Wohlwend

Submission Time: Nov 30 2021 2:03PM Email: Keith.wohlwend@gmail.com

Telephone: 208-721-2387

Address: 37 Muldoon Canyon Road

BELLEVUE, ID 83313

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "I would love to spend \$20,000 on a new solar system! But only if I knew I could recoup some of that cost with a NO COST power supply to Idaho power. Remove all the restrictions and pay a nominal cost for power generation and you'll see thousands of new energy suppliers pop up and not just the rich people. Let us make some money off of the sun!"

From: PUCWeb Notification
To: Jan Noriyuki

Subject: Notice: A comment was submitted to PUCWeb Date: Tuesday, November 30, 2021 7:00:07 AM

The following comments were submitted via PUCWeb:

Name: Julia Page

Submission Time: Nov 29 2021 10:32PM

Email: jpage422@gmail.com Telephone: 406-223-9923 Address: 2317 N. 19 St.

Boise, ID 83702

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "We are existing net metering customers with Idaho Power Company (IPC). Our system was designed and installed in the spring of 2017. We are pleased every day to be able to generate power for ourselves and provide any extra to the grid. I am also glad to see IPC undertaking a cost of services study regarding dispersed power generation, rooftop solar. I strongly favor finding ways to move away from fossil fuels for energy production and rooftop solar seems like a really good option. It is a major investment that will pay off monetarily over time, 15 years or so for our system under the current rates. The conservation value of rooftop solar starts immediately. I support a study researched and written by a neutral third party to provide a basis for any rate changes IPC will make in the future. I support a fair appraisal of the costs and benefits of rooftop solar. I am alarmed when I read IPC's inference that subsidies are part of the current net metering structure. That makes me question its objectivity. I want to see a third party do this work. Another stated goal for the study that I wholeheartedly support is readability and clarity. My favorite part of the Company's Application in the early paragraphs of the Background section is the discussion of full requirements customers, partial requirements customers, volumetric energy pricing, and ending with a crescendo of difficult items to value all of which go into the Company's calculations of what to charge various customers. I agree. It is complex. That's why a thorough study using current data and carried out by a third party is needed to discover both costs and benefits. The study must be made publicly available. IPC is to be commended for its commitment to 100% renewable energy. Rooftop solar could be a significant part of the renewable energy portfolio. So far the number of rooftop systems is really small, but there are lots of roofs out there and a fair and predictable rate structure could foster more private investment in residential systems. More dispersed sources of energy could make the grid less vulnerable to disruption as well. More dispersed sources of energy could lessen the need for investment in other forms of generation. Now is the time to complete a thorough study of the costs and benefits of dispersed solar. Thank you. "

Name: Jeanne Liston

Submission Time: Nov 29 2021 8:50PM

Email: jeanne.liston@gmail.com

Telephone: 208-720-8701

Address: 1171 Glen Aspen Drive

Bellevue, ID 83313

Name of Utility Company: Public Utilities Commission

Case ID: IPC-E-21-21

Comment: "As a resident of this great state, I believe that individually-owned rooftop solar systems and other distributed energy systems should remain a viable economic and environmental solution for businesses, homeowners, and government agencies. As Idaho Power Company initiates a study that will impact future development of distributed solar energy production in Idaho, I urge the Public Utilities Commission to ensure there is a strong incentive program in place for distributed solar. I also request that the study of solar is done fairly and thoroughly, and is made accessible to the public. Idahoans deserve a fair and affordable net metering rate schedule for customers and an electric grid that fosters energy independence and the creation of green jobs. It is in the public's best interests to continue growing solar. With Idaho Power's 100% clean energy goal, this is an opportunity for the public contribute to that goal with fair programs. Local clean energy systems provide grid security and reliability while protecting our climate and public lands from catastrophic events like wildfires. Distributed energy system owners should be fairly compensated for the services they provide and programs should enable a local energy economy. Customers of all types deserve programs that help make the right choice for their family's energy use, ensuring pathways to universal access for all Idaho residents to participate in energy production. Thank you for your consideration, Jeanne Liston"

Name: Greg Olson

Submission Time: Nov 29 2021 9:49PM Email: bluelightningllc@gmail.com

Telephone: 208-389-9956 Address: 8399 west hill road

Boise, ID 83714

Name of Utility Company: Idaho Power

Case ID: IPC-E-18-15

Comment: "IPC-E-18-15 under consideration: As a solar generator on my own home and a solar installation company I expected a certain stable rate of return; as do my customers. When they installed solar energy, many of them have invested multiple 10's of thousands of dollars. Due to this investment (substantial for many customers) and the general nation wide tendency to grand father existing customers into a long term or permanent rate condition equal to the condition they originally built toward. I and my customers have expected this for Idaho. To change this when past PUC and other state precedent tends toward 20 year plus rate stability is a violation of trust built over the last 20 years of promises. We strongly recommend that you REJECT Idaho Power's request for a change. At least for existing customers this is fair and expected. Realistically, to achieve a zero carbon grid power system the value of solar energy producers should be held above the value of the general users in an effort to promote a more

robust and diverse grid power production profile. As a state, we are already decades behind our neighbors. It is unwise to compound this by changing the rules and innate value innovative producers bring to the present system. Thank you for your consideration in rejecting IPC-E-18-15"

Name: Edwina Allen

Submission Time: Nov 29 2021 9:29PM Email: edwinaallen@cableone.net

Telephone: 208-830-6022

Address: 2972 E Parkcenter Blvd Apt 513

Boise, ID 83716

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "Residents in Idaho Power's service area should be fairly compensated for solar systems installed at their homes for their energy use. This locally generated power does not require transmission systems; any excess power generated is distributed to nearby users. This distributed energy generation helps provide grid security, especially during hot summer days. It is clean energy. I urge the Idaho Public Utility Commission to study roof top solar carefully, and to provide a fair return for the production of distributed solar."

Name: Jeff Jenks

Submission Time: Nov 29 2021 9:45PM Email: 22Jeffrey.Jenks@boiseschools.net

Telephone: 208-519-1119 Address: 910 Palmwood Dr

Boise, ID 83709

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "Hello My name is Jeff Jenks, I am a senior in High School. Currently I am enrolled in Boise online schools. I've lived in Boise for most of my life. I want to Major In Environmental Science and get a masters in Mycology. I hope to change the way people view the environment, and renewable energy. I care about supporting fair solar options for Idaho customers because I am not a homeowner yet, but I can tell you my property will be covered in solar panels, they are one of the crowning achievements of human engineering. They can be one of the most efficient sources of clean energy. I want fair solar options because people need to be interested in renewable energy. Along with a robust set of recycling programs to manage any waste produced in updating old solar panels. Let's make this a norm. I want this planet's children to have clean air. I would like this study to emphasize the future. Like to continue on as the community grows. Long term is what's important. Because we want a clean future. "

Name: Shelley Brock

Submission Time: Nov 29 2021 10:27PM

Email: ushorsepoor@yahoo.com

Telephone: 208-559-6127 Address: 8770 Chaparral Rd.

Eagle, ID 83616

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "Dear Commissioners: I am writing in opposition to Idaho Power's proposed changes to our net metering rate schedule, which threaten to make investing in our own energy systems more difficult and expensive, and could be a death blow to the solar industry across our state. As our main energy provider, Idaho Power claims to be advocating for a 100% clean energy goal, yet their actions are making it harder for citizens and communities to achieve energy independence and move toward critical clean energy goals that are so imperative for those of us living here now, and for future generations. For years, citizens across the US have established that local energy systems help customers meet their own needs while strengthening local grids, avoiding reliance on long-distance power lines, and supporting a local energy economy. Here in Idaho citizens, myself included, have made it clear that we strongly support individually-owned rooftop solar systems and other distributed energy systems. We have advocated for these options as a viable economic and environmental solution for businesses, homeowners, and government agencies. It just makes sense! Customers of all types deserve access to programs that support their energy use choices and their right to participate in energy production. Local clean energy systems provide grid security and reliability, protect our climate and public lands and create green jobs for Idahoans. Please act in the public interest by preserving a fair and affordable incentive program for distributed solar. We are depending on you to get this right. Thank you. "

Name: Kaz Thea

Submission Time: Nov 29 2021 10:21PM

Email: kazthea@mac.com Telephone: 208-720-7805 Address: 1630 Heroic Road

Hailey, ID 83333

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "I am writing to state my strong support for net metering. Net metering allows utility customers like myself to generate our own electricity cleanly and efficiently. During the day, most solar customers produce more electricity than we consume; and net metering allows us to export that power to the grid to reduce our future electric bills or it could allow a neighbor to tap into the excess energy production for their use. This is a positive and necessary

step to producing clean energy efficiently and helping us to reduce our carbon footprint. I know a lot of neighbors would like to purchase rooftop solar panels to produce their own clean energy, and with the incentive of net metering and its many benefits including adding resilience to the grid Idaho power should support such a program. The climate is warming, we must stop our consumption of dirty energy from oil and gas and invest and incentivize customers to produce their own clean energy, safe, green energy. It is time to stop stifling solar energy production and support the concept of net metering. to stave off the worst impacts of the climate crisis we must move away from fossil fuels and do all we can to incentivize and support the production of clean renewable green energy. Please invest in studying the real cost benefit of net excess energy associated with customer onsite solar energy generation its a win win and customers want it. "

Name: Carolyn Chandler

Submission Time: Nov 29 2021 9:36PM Email: carolynbchandler@gmail.com

Telephone: 404-293-4038 Address: 214 S Straughan Ave

Boise, ID 83712

Name of Utility Company: Idaho Power

Case ID: IPC-E-21-21

Comment: "I urge the PUC to reject the terms of Idaho Powers proposed study and instead have the study surrounding the cost benefit analysis of solar be conducted by an independent and neutral third party. It is important that this study value the environmental, quality of life, economic, and grid stabilization benefits of solar production. If this does not occur the PUC with essentially be endorsing Idaho Power's move to de-incentivize renewable energy, which would have devastating effects for generations to come. Over the past few years, we have seen the impacts of climate change come to fruition. The PUC has a moral obligation to take into account how the type of energy production can lead to or mitigate climate change and how climate change impacts the quality of life of Idahoans and the ecosystems present in Idaho. Additionally, I urge the PUC to use the numerous studies previously conducted on the topic of the value of distributed generation as the starting point for this study. When the wide array of benefits of distributed solar are fully taken into account, often the result is that electricity produced by solar is more valuable than other types of energy due to the environmental benefits of solar production. These previous studies can act as a guide for producing a through, fair, and balanced study in this current case. Finally, the PUC should restrict Idaho Power for implementing other rules that, while not impacting the rate of return, would dissuade individuals from pursuing solar generation. This includes, but is not limited to, having credits expire or making transferring credits more difficult. Thank you for considering the publics comments and concerns as a part of the decision-making process."

From: Cay and Ron Marquart

To: <u>Jan Noriyuki</u>
Subject: Solar Net-Metering

Date: Tuesday, November 30, 2021 4:26:19 PM

Please see that this gets to all the commissioners before tonight's meeting. Thank you!

Ron Marquart 3300 E. Red Stone Drive Boise, Idaho 83712

My name is Ron Marquart and I am an Idaho Power customer living in Boise, Idaho.

I care about supporting fair solar options for Idaho customers because we have had rooftop solar panels for several years and have enjoyed almost zero power bills. Although we are nearly in our 80's and realize that we will probably never get a return back, we wanted to set a good example for others. It's extremely important for the environment!!! We also have an electric car which is powered by our solar panels. We would like all people in the future to have the same solar opportunities that we have. It is the future!!!!

Please direct Idaho Power to conduct a fully comprehensive study of solar so that customers can be fairly compensated for all the value they're providing to our environment, economy, and families. This study should be conducted publicly and transparently by a non-biased third-party and evaluate the sustainability, efficiency and resilience that solar adds to the grid.

Sent from Mail for Windows

From: Representative Muffy Davis

To: <u>Jan Noriyuki</u>
Subject: Case ID: IPC-E-21-21

Date: Tuesday, November 30, 2021 4:40:41 PM

Dear Commission Secretary PUC,

On behalf of myself and many of my constituents in District 26, I would like to submit a comment regarding the upcoming Idaho Power Solar Power study, Case ID: IPC-E-21-21.

Many in my communities, and others throughout Idaho, believe we need to be making a greater effort for clean energy. Solar Power is one of the tools we have to accomplish this, and I would request that in the upcoming study, Idaho Power please take into account *all* aspects of costs they incur in current power generation, such as building long transmission lines, purchasing expensive out of state power or operating distant power generation facilities. It is vital that Idaho Power consider all costs fairly and equitably when considering rate reimbursements to customers with personal solar power units.

Hopefully Idaho Power will evaluate their net metering pay scales and work to make them with fair reimbursement for customers who deliver power back to Idaho Power. We know there are many benefits of incentivizing for individual solar power, such as: removing stress on already overloaded grids at peak power times, reliability of local power generation and less dependence on transmission lines or needs to purchase power from out of state sources, clean energy, among others. I hope that Idaho Power will consider all these benefits as well as their true power generation costs when creating their upcoming solar power study.

Many thanks for your time and consideration of these comments,

Muffy Davis Idaho State Representative, District 26 Blaine, Camas, Gooding, Lincoln Counties 208-806-1895