## **Idaho Power:**



## **Community Engagement Focus**



DSP – Public Meeting #2 September 15, 2021

### Welcome!

## Thank you for attending the second workshop for Idaho Power Company's Distribution System Planning (DSP) Process

### **Oregon Distribution System Plan**



## **DSP Filings**

- Part 1 (October 2021)
  - Baseline Data and System Assessment
  - Hosting Capacity Analysis
  - Community Engagement Plan
  - Long-Term Plan
  - Plan for Development of Part 2
- Part 2 (August 2022)
  - Forecasting of Load Growth, Distributed Energy Resources (DER) and Electric Vehicle (EV) Adoption
  - Grid Needs and Solution Identification
  - Near-Term Action Plan

## What potential Idaho Power project would be of interest to you or your community? Pick your top two choices.



# What kind of energy data are you/would you be interested in? Check all that apply.



#### Please select your top three electricity considerations:



### What topic would you like Idaho Power to focus on in the next meeting? (Check all that apply)



## Agenda

- Hosting capacity analysis and map
- Accessing personal energy data
- Community Engagement Plan

## **Ground Rules**

- Post comments and questions in the chat
- Please feel free to speak up and engage throughout
- Please keep discussion civil and respectful
- Take comments with positive intent

## **Balanced Input**



## Introductions

In the chat, please send us:

- Name
- Organization

You can also send us more information at DSP@idahopower.com Presentations and more information can be found at: <u>https://www.idahopower.com/dsp/</u>

### Idaho Power Team

Name	Position	Name	Position
Jared Ellsworth	Transmission, Distribution & Resource Planning Director	Angelique Rood	Regional Manager
Jim Burdick	Distribution Planning Engineering Leader	Dena McFarlin	Regional Customer Relations Manager
Marc Patterson	Transmission & Distribution Strategy Engineer	Danielle Ready	Education & Outreach Energy Advisor
Chris Cockrell	Distribution Planning Engineer	Brian Fletcher	Residential & Commercial Energy Advisor
Tyson Kent	Distribution Planning Engineer	Mike Ybarguen	Economic & Community Development Advisor
Alison Williams	Regulatory Policy & Strategy Advisor Regulatory Affairs	Rodolfo Beltran	Key Account Energy Advisor
Kelley Noe	Regulatory Consultant	Duane Pearson	Agriculture Representative
Lisa Nordstrom	Legal Counsel		

## **Hosting Capacity**



## **Energy Flow**

• The distribution system allows energy to flow in either direction.



### **Hosting Capacity Analysis**

Definition: Process to provide information about the ability of a distribution system to support **new generation** without breaking

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### Based on existing conditions

Distribution system equipment

Existing loads and known changes

Existing generation and known additions

## **Analysis Considerations**



- Equipment capacity limitations
- Control limitations
  - Reverse flow
  - Voltage limits

## **Hosting Capacity By Feeder**

- All 63 feeders serving Oregon load have some hosting capacity available for net metering
- 6 feeders have limited hosting capacity available due to existing generation



### Idaho Power Generation Limited Feeders



### Idaho Power PURPA Sites, Oregon



Hydro

5



Wind



## **Our Clean-Energy Goal**

As Idaho Power continues serving customers and communities with **reliable**, **affordable** energy, we do so with an exciting goal:



Partner with customers to meet their energy needs and achieve our clean-energy goal

## **Accessing Energy Data**

- What data is currently available and how to you access it?
- What other data would be useful?





### Your 24-hour access to:



- Pay your bill
- Start, stop or transfer service

account alerts



- Track and compare your energy use by the day, hour and more
- Sign up for paperless billing, Auto Pay and





- Find energy-saving tips
- See how the weather can affect your energy use

Register today! idahopower.com/myaccount



COMMUNITY & RECREATION ~

ABOUT US Y

Contact Us

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#### ACCOUNTS & SERVICE Y

OUTAGES & SAFETY Y

ENERGY & THE ENVIRONMENT ~

#### Committed to Reliability

We work hard to inspect, maintain and improve the grid to keep reliable, affordable energy available at the flip of a switch. Learn more about how we keep the lights on 99.9% of the time.

Learn more 🥹



### Save Money with Back to School Energy Efficiency Tips

Make energy savings part of your fall routine with simple tips like using the power-save setting on your electronics.



#### Get Help Paying Your Bill

Is your energy bill higher than usual with the recordsetting heat we've had this summer? We are here to help!





Moving?

#### Beware of Scams

Pay Bill

Scam calls are making their way around our service area again, with scammers threatening shut off in the next 30 minutes if they don't receive payment.

Outages

📞 CONTACT US 🛛 🔒 SIGN IN

#### Sign In to My Account



#### Not Registered?

My Account is your personal, online account tool that gives you 24 hour access to easily:



Pay your bill



Update your

account information

your service

**REGISTER NOW** 



Track and compare

your energy use



Billing

Sign up for Auto Pay and Paperless



Find tips on how to save energy and money

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**Privacy Policy** 

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# Sign up for Account and **Outage Alerts** To be notified when...

Your account reaches a set monthly bill amount\* An outage impacts your home or business

Your bill is past due

### **REGISTER TODAY!** idahopower.com/myaccount

\*Nict available for all quetomor classes





CONTACT US

Ida Smith



## My Account and Energy Usage

- Any questions about My Account or energy usage data?
- Is there additional data that would be useful?

## **Community Engagement Plan**



- Discussion on needs, challenges, and opportunities with the eastern Oregon communities and organizations
- Who should be involved in future discussions around pilot projects?
- How do we engage them?

## What are the best methods for communicating/engaging with the communities in eastern Oregon? Pick your top two choice.



### **Next Steps**

- 1. Gather feedback from this meeting and your emails sent to <a href="mailto:DSP@idahopower.com">DSP@idahopower.com</a>
- 2. Prepare filing for Part 1 of DSP
- 3. Prepare for discussion on DSP Part 2 topics
  - Forecasting of load growth, DER and EV adoption
  - Grid need and solution identification (pilot project)
  - Near term action plan

(next meetings will occur in 2022)

## **Workshop #1 Poll Questions**

 The following slides show the results to our poll questions asked in the first workshop. Note some of these were shown earlier in the presentation.

#### **Attendee Affiliation**



#### Please select your top three electricity considerations:



# Have you ever considered installing rooftop solar or energy storage at your business or residence?



What factors might prevent you from pursuing rooftop solar or energy storage? Check all that apply.



#### Do you anticipate purchasing an electric vehicle...



# What, if any, smart devices do you have in your home? (Check all that apply )



# Have you ever accessed energy data online (through Idaho Power or another provider/service)?



# What kind of energy data are you/would you be interested in? Check all that apply.



## What potential Idaho Power project would be of interest to you or your community? Pick your top two choices.



## What are the best methods for communicating/engaging with the communities in eastern Oregon? Pick your top two choice.



### What topic would you like Idaho Power to focus on in the next meeting? (Check all that apply)





## Thank you