

# Integrated Resource Planning

Roundtable Meeting #20-4

July 29, 2020



# AGENDA

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- Welcome and Introductions
- Background on Integrated Resource Planning (IRP)
- Values Discussion
  - Workshop/informal discussion focused on input from the community regarding what values are important to reflect in PGE's next IRP cycle





# MEETING LOGISTICS

- Electronic version of presentation:
  - <https://www.portlandgeneral.com/our-company/energy-strategy/resource-planning/integrated-resource-planning/irp-public-meetings>
- Teams Meeting
  - Please click the meeting link online, sent to your email, or here:
    - [Join Microsoft Teams Meeting](#)
    - Call in: +1 971-277-2317
    - Meeting ID: 986 117 608#
  - Please use Microsoft Edge or Google chrome with Teams as it will give you the best experience
  - During the presentation all attendees will be muted; to unmute yourself via computer click on the microphone that appears on the screen when you move your mouse
  - To unmute yourself over the phone press \*6
  - If you call in using your phone in addition to joining via the online link, please make sure to mute your computer audio
  - There is now a meeting chat feature rather than a Q&A feature. Pull this up on the menu bar when you move your mouse and look for the little message icon

# Welcome and Introductions

Jessica Graeber



# SAFETY MOMENT

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- Emergency preparedness: Do one thing a month to have a safety plan in place.

Examples:

- Replace smoke alarm batteries yearly
- Have a communication plan
- Buy a gallon of water at your next grocery trip
- For more examples visit:  
<https://do1thing.com/individuals>



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# Background on Integrated Resource Planning

Elaine Hart



A photograph of a wind turbine in a field under a cloudy sky. The turbine is white with three blades, standing in a field of tall, dry grass. In the background, there are rolling hills and other wind turbines under a blue sky with scattered white clouds.

# INTEGRATED RESOURCE PLANNING

Least-Cost Planning started in Oregon in 1989

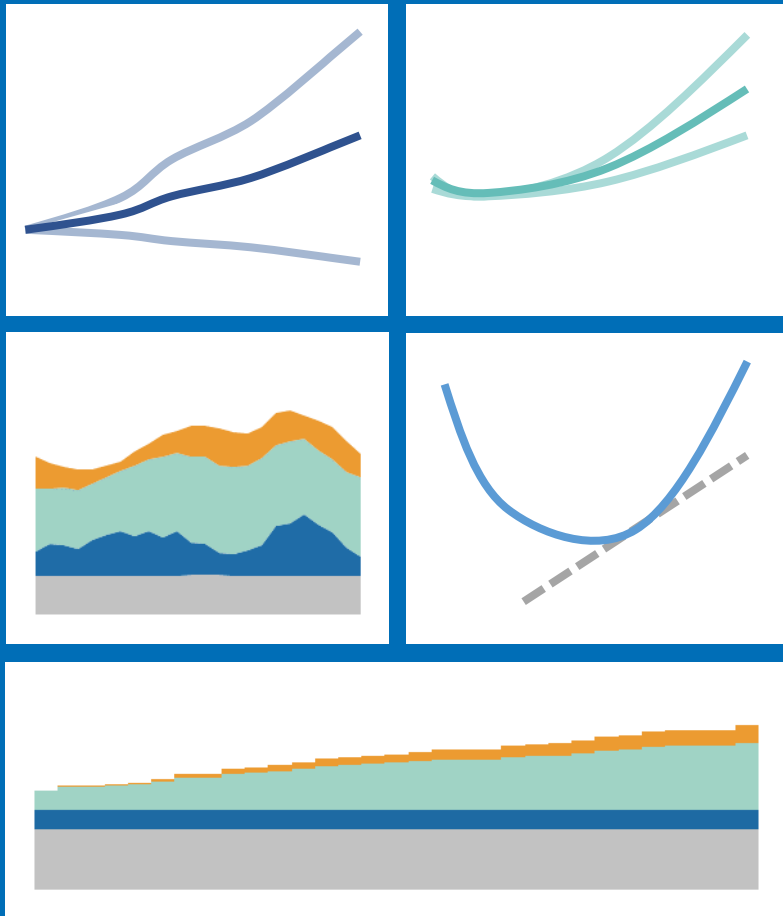
Today's IRP Guidelines:

- Best balance COST and RISK
- Significant INVOLVEMENT OF THE PUBLIC
- Consistent with the LONG-RUN PUBLIC INTEREST





# THE PLANNING PROCESS



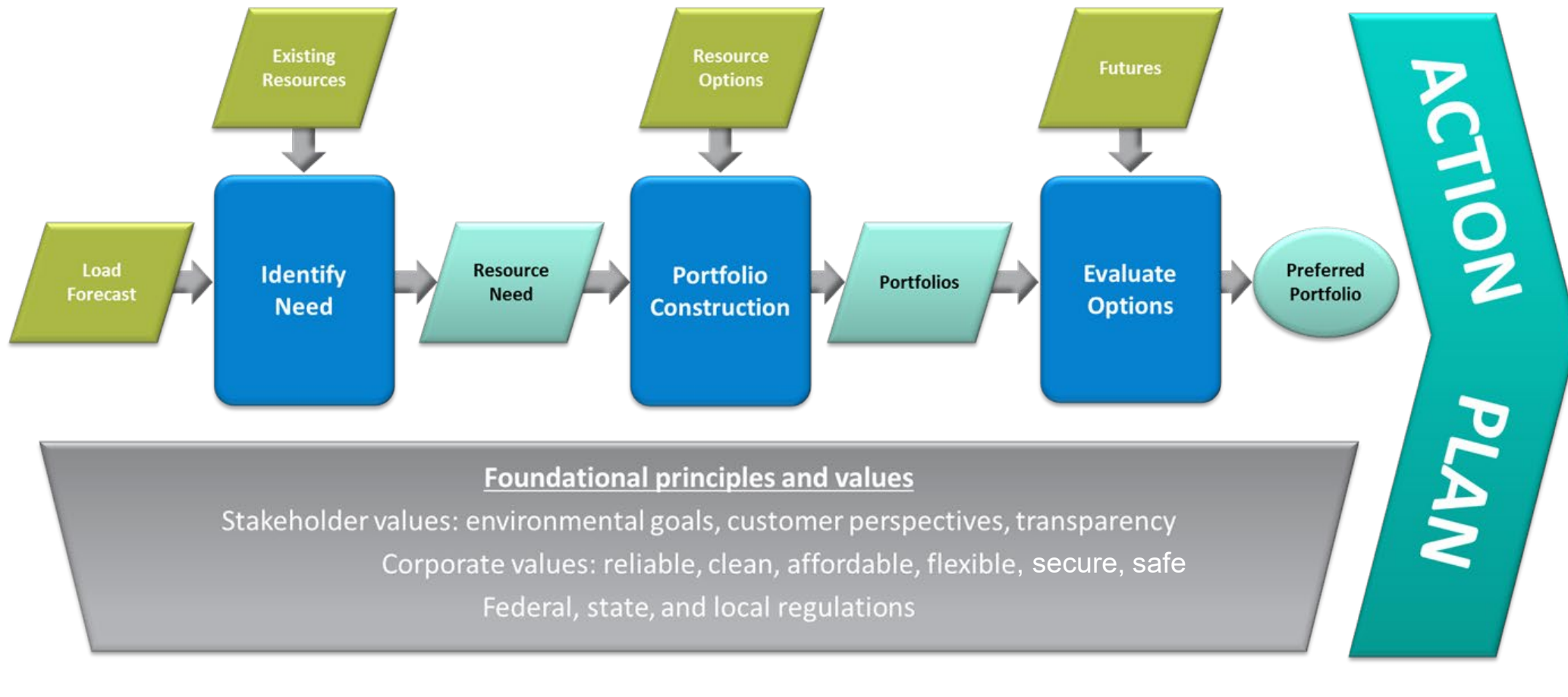
Best balance of cost and risk



Consistent with the long-run public interest



# IRP – A Level Deeper



# What's in an Action Plan?

**Technically:** The actions that the company plans to take in the next 2-4 years to meet customer needs in a manner that best balances cost and risk.

## Customer Actions

High level target-setting for energy efficiency, demand response, and other programs that provide opportunities for customers to participate in the grid.

## Major Resource Actions

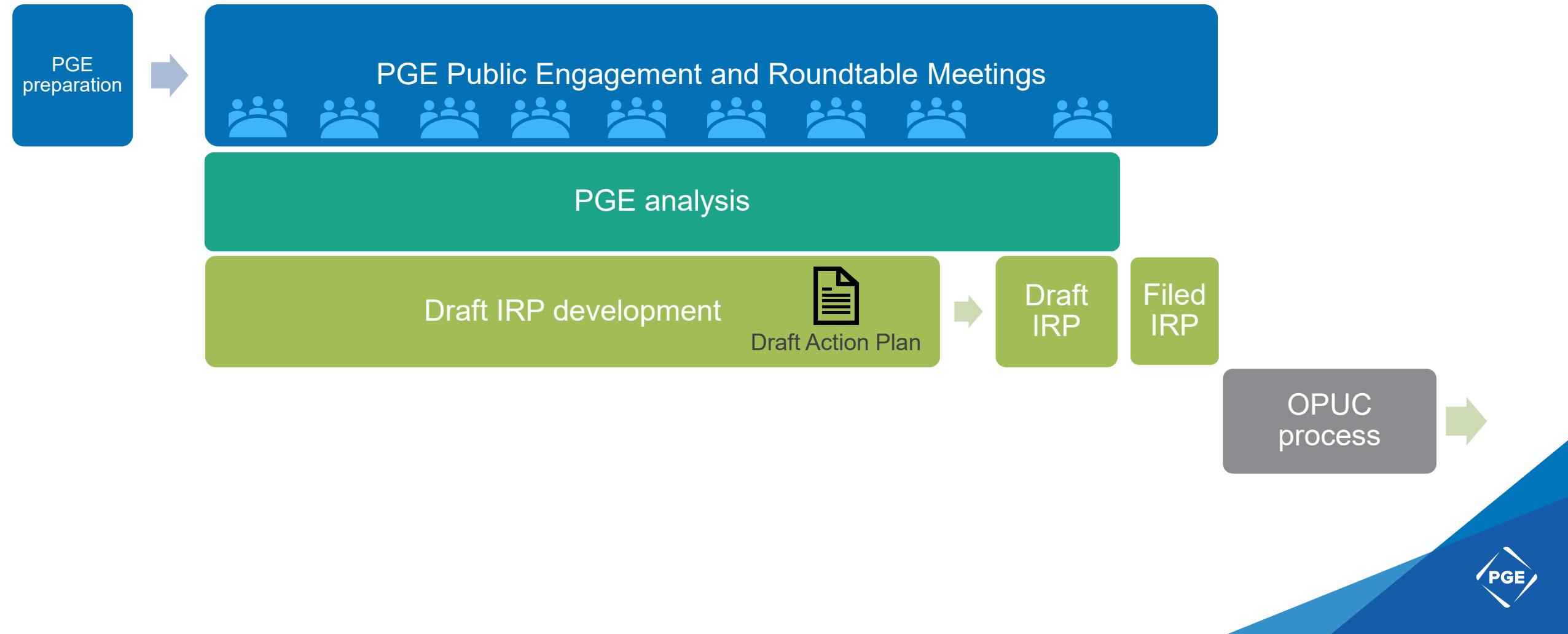
Plans to pursue major resources, such as large wind, solar, or storage facilities, including building new resources or contracting for existing resources.

**Practically:** The Action Plan reflects values, priorities, intentions, and compromises between many perspectives. It impacts how peoples' energy needs will be met, with what types of resources, how much it may cost, what the environmental impacts may be, and to some extent, what opportunities people may have to more actively manage their energy demand and impact. This is why input is so critical to the process.





# PGE's Public Process



# OPUC IRP Process

Filed  
IRP

OPUC process

Discovery

(parties request information relevant to the review of PGE's IRP)

Staff and  
participant  
opening  
comments

PGE reply  
comments

Staff and  
participant final  
comments

PGE final  
comments

Staff  
memorandum

PGE and  
participant  
comments on  
memorandum

Commission  
workshop

Special public meeting  
(target for Commission  
deliberation and decision  
on acknowledgment)

[This is an example, but the process may vary]

# 2019 IRP Public Engagement

Jessica Graeber





# What we heard

## participant engagement in the 2019 IRP

### Strong participation across a wide range of groups and individuals

- 14 public meetings, written comments, five unique portfolio requests

### participant values shared at the outset of our process

- Cost and risk
- Environmental sustainability
- Transparency

### Key topics of interest raised throughout the process

- External Studies: Decarbonization Study
- Resource Options: Wind, storage, and solar + storage assumptions
- Portfolio Analysis: Portfolio requests, portfolio optimization, scoring metrics
- Action Plan: Renewable and capacity actions
- Other: Transmission, procurement activities, Colstrip, and community engagement



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# Values Discussion

Jessica Graeber





# 2019 IRP VALUES REMINDER

## Sorted expressed Values from RoundTable 17.3 – Word Cloud



See roundtable presentation 17-3 (<https://www.portlandgeneral.com/-/media/public/our-company/energy-strategy/documents/2017-08-24-irp-roundtable-17-3.pdf?la=en>)

# HOW WE INTEGRATE THE VALUES CONVERSATION

- Used to guide the framing questions that direct analysis
- Inform studies, model inputs, and other influences on decision points
- Adjust engagement to fit participant needs
- Adapt how and when we share information, draft results, and parts of the written report to support participant engagement

# PROMPTS FOR GROUP DISCUSSION

Consider and discuss the values important to reflect in the next IRP.

- What is important to you as a consumer of energy and/or a representative of your organization?
- Are there values from the 2019 IRP process that resonate with you or that do not resonate with you?
- What additional values would you like to bring to this process that have not been mentioned?
- What would you like to see from PGE in how we approach this process?  
How will you know that you have been heard?
- What else would you like to share?



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# PROMPT FOR GROUP DISCUSSION

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# PROMPT FOR GROUP DISCUSSION

- What else would you like to share?

# NEXT STEPS

- You can provide us with additional comment in writing at the resources listed on the next slide
- PGE will review notes from today and written comments
- Return with sorted and organized notes on what we heard were top priorities (like the word cloud from the 2019 IRP)
- Return to the top priorities we heard throughout the IRP cycle



# Thank You

Contact us at:

IRP@pgn.com

Feedback form -

<https://www.portlandgeneral.com/forms/pge-stakeholder-feedback>

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Next Roundtable: August 19, 2020

