



# PUBLIC PARTICIPATION

## APPENDIX A



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# 1. Introduction

Public participation is required and essential to developing Puget Sound Energy's 2023 Electric Progress Report (2023 Electric Report) for the 2021 Integrated Resource Plan (IRP). Puget Sound Energy (PSE) continues to expand and evolve the ways we engage with the public using a structured approach that aims to increase accountability and demonstrate how we incorporate feedback across our work products.

The activities described in this document resulted in valuable feedback, suggestions, and practical information from the organizations and individuals that helped guide the public participation process and informed key components of the 2023 Electric Report analysis. We thank those who participated in and supported this process for the time and energy they invested, and we encourage their continued participation.

Puget Sound Energy held eleven public meetings in 2022 before filing the 2023 Electric Report with the Washington Utilities and Transportation Commission (Commission) by April 1, 2023.

All materials related to the 2023 public participation process are available at [pse.com/irp](https://pse.com/irp). The public participation materials include meeting agendas, presentations and datasets, meeting recordings, participant logs, chat transcripts, feedback reports, and meeting summaries.

Puget Sound Energy contracted public participation specialists from Maul Foster & Alongi (MFA) and Triangle Associates to help develop a public engagement strategy, provide independent meeting facilitation, develop meeting and public comment guidelines, assist with meeting documentation, and recommend approaches to promote transparent and timely communication and public engagement.

## 2. Public Participation Approach

Public participation for the 2023 Electric Report is built on the foundations set and lessons learned through past IRP and other PSE processes. We formally adopted the [International Association of Public Participation \(IAP2\)](#) framework for the 2021 IRP and subsequent 2023 Electric Report. The IAP2 framework, and various public participation techniques, helped PSE design and implement an effective public participation process that allowed interested parties to clearly understand how they could influence components of key inputs, assumptions, and decisions throughout the process and provide valuable feedback to PSE.

For the 2023 Electric Report, all meetings were open to the public, and we encouraged all attendees to participate actively. We observed safety measures for COVID-19 and held all public engagement virtually, using various online platforms, including PSE's IRP website, Zoom, and online feedback forms.

We are committed to reducing barriers to participation, communicating, and engaging with members of the public in various ways, such as recording meetings and making them available online, being transparent in sharing information and work products, and producing accessible documents.



## 2.1. Techniques and Objectives

Puget Sound Energy employed participation techniques designed to achieve specific meeting objectives. Our goal was to align participation objectives and techniques, clearly communicate when and how members of the public could provide input and feedback on particular report topics, offer straightforward and diverse methods for engagement, and indicate how we used feedback.

### 2.1.1. Transparency and Accessibility

To support and align key project milestones and decision points, PSE conducted brainstorming sessions weeks before every public meeting to develop clear objectives.

PSE's public participation practices prioritize transparency and accessibility. These practices include:

- Making comments from members of the public about the 2023 Electric Report and its development, including responses addressing how the input was considered or used, available on the PSE website
- Making data inputs and files used to develop the 2023 Electric Report available
- Making meeting summaries and materials from 2023 Electric Report public meetings publicly available on the PSE website
- Making presentation materials available to the public at least three business days before each meeting
- Outlining the schedule of report public meetings and significant topics to be covered on the PSE website ([pse.com/irp](https://pse.com/irp))
- Providing transcripts of the chat log from public meetings and enable live closed captioning

### 2.1.2. Public Webinars

We continued to practice safety measures to prevent the spread of COVID-19. As a result, we hosted all public engagement activities via webinars. We designed these webinars to engage the public about critical milestones and topics in developing the 2023 Electric Report. During each webinar, those who participated could ask questions and provide feedback verbally or through the online chat feature. Triangle Associates facilitated participation to allow PSE staff to focus on the technical content of the presentations. If we could not answer a question during the meeting, we added it to the meeting feedback report, and PSE responded in writing. We mailed meeting reminders one week before each webinar to alert interested parties that we had posted the meeting materials at [pse.com/irp](https://pse.com/irp) and that feedback forms were open. PSE posted the webinar recordings and chat transcripts two days after each meeting to [pse.com/irp](https://pse.com/irp).

### 2.1.3. Webinar Recordings

All webinars were recorded and posted online two days after the meeting. The recordings included a voice recording, thumbnail versions of the slides we used to support the meeting discussion, and a written transcript for easy searching. We also included the speakers' names in the transcript. We used the webinar recordings to promote participation by those who could not attend but wanted to stay involved and provide feedback. We accepted all input, whether the participant attended the webinar or not.



## 2.1.4. Webinar Chat Log

PSE conducted all webinars via Zoom. All comments and questions received through the online chat feature were documented in the webinar chat log and posted online two days after each meeting. The chat log documentation includes a list of all attendees along with a name, timestamp, and the comment made by each participant. We answered participant questions verbally and from the written chat. We captured these answers in each webinar recording. We added any questions not addressed during the webinar to the feedback report and answered by PSE in writing.

## 2.1.5. Feedback Forms

PSE designed an online feedback form and posted it at [pse.com/irp/get-involved/give-feedback](https://pse.com/irp/get-involved/give-feedback) to promote topic-specific suggestions and questions related to each public webinar. The feedback form was opened one week before the webinar and closed one week after the meeting. Members of the public used the online feedback form to submit questions regarding the webinar presentation in advance of the meeting, and we typically answered those questions during the webinar. Following the webinar, members of the public used the feedback form to provide specific input regarding the report analysis and materials presented. Members of the public could also submit questions and comments at any time at [pse.com/irp](https://pse.com/irp) through a general comment form.

## 2.1.6. Feedback Reports

We prepared and posted feedback reports to [pse.com/irp](https://pse.com/irp) four weeks after each meeting. These reports included input, questions, and comments received from members of the public and written responses to feedback. The goal was to promote accountability and foster two-way communication. When we did not have sufficient time to respond to all participant feedback during a meeting, and if follow-up meetings were necessary to clarify input, the team provided a written response in the feedback report.

## 2.1.7. Meeting Summaries

PSE prepared and posted summaries of public meetings to [pse.com/irp](https://pse.com/irp) four weeks after each meeting, along with the feedback report. These summaries documented the major feedback themes we identified along with the feedback we received, reported on how we responded to feedback, and documented how we incorporated the feedback into the 2023 Electric Report.

## 2.1.8. Other Communication Tools

In addition to the techniques described, PSE also used the following communications tools:

- Triangle Associates conducted phone interviews with interested members of the public before public engagement meetings to discuss key concerns and explore process improvements.
- PSE sent email reminders about upcoming deadlines, webinars and registration information, and invitations to submit feedback forms and participate in surveys.
- PSE sent periodic email newsletters to reminded interested parties about upcoming webinars and deadlines, and included summaries of public feedback and updates on the status of the report's development.



### 3. Participants

One hundred and thirty-five organizations and 251 unique individuals participated in the development of the 2023 Electric Report. The participating organizations are listed below.

1099 Energy	City of Redmond	Hardy Energy Consulting
1890 & Co	City of Seattle	Hecate Energy
Absaroka Energy LLC	City of Tacoma	Hull Street Energy
Armada Power	Clear Energy Brokerage	IATC
Atlas Renewable Power	Climate Solutions	IBEW
Auto Grid	Con Edison Clean Energy Business	IBV Energy
Avangrid Renewables	Convergent Energy + Power	Illume Advising
Avista	Creative Renewable Solutions	Innergex
BayWa r.e.	DNV	Invenergy
Beacon Energy	Ease Engineers	Jera Americas
Bonneville Power Administration	Ecoplexus	King County
Brightnight Power	Elemental Energy	KL Gates
Broad Reach Power	Enel	Laborers Local 252
BV Power	Energy Analytics	Lakeridge Resources
C Power Energy Management	Energy GPS	Lightsource BP
Cadmus Group	Energy Solutions	Lloyd Reed Consulting
Capital Power	Eolian Energy	Matrixes Corp.
Cascade Natural Gas	esVolta	Monolith Energy Consulting
Chelan PUD	Flex Charging	Mitsubishi Power Americas
City of Des Moines	Fortis	Monolith Energy
City of Enumclaw	Franklin Energy	Nationwide Energy Partners
City of Issaquah	Frontier	NextEra Energy Resources
City of Kenmore	General Electric	Northwest Power and Conservation Council
City of Lake Forest Park	Generac Power Systems	Northwest Power and Conservation Council
City of Mercer Island	Glarus Group	Novis Renewables
City of Olympia	Guidehouse Consulting	
City of Puolsbo		

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NW Energy Coalition (NVEC)	Storage Alliance	WRSI
NWGA	Strata Clean Energy	Zipcon
NW Natural	Stratagen Consulting	
Obsidian Renewables, LLC	Sun2oPartners	
One Energy Renewables	Sunenergy Systems Inc	
Optimum Building Consultants	Tenaska	
Oracle	The Masthead Group	
Pacific Architects and Engineers (PAE)	TransAlta	
Pacific Northwest Utilities Conference Committee (PNUCC)	Triangle Associates	
Pasco Energy	Tuusso Energy LLC	
PGN	UA Local 32	
Phil Jones Consulting	Wartsila	
Pierce County	Washington Solar Energy Industries Association (WASEIA)	
Plus Power	Wattbridge	
Potelco	West Rock	
Power Ex	Western Energy Board	
Q Cells	Washington Power Pool	
R Plus Energy	Washington Environmental Council	
Renewable Northwest	Washington State Department of Commerce	
Rye Development	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Sageston Ventures	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Sapere Consulting	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
SBW Consulting	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Scout Clean Energy	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Sierra Club	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Snohomish County	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
Solar Horizon	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
SPI	Washington State Office of the Attorney General, Office of the Attorney General Public Counsel Unit	
	Washington Utilities and Transportation Commission (UTC)	
	Western Power Pool	
	Western Solar	
	Williams Companies	





## 4. Feedback Themes

The following section summarizes feedback themes from webinar meeting summaries and feedback reports during the 2023 Electric Report public participation process. We incorporated feedback into the 2023 Electric Progress Report where it was feasible and cataloged some feedback to incorporate into the 2025 IRP cycle.

### 4.1. Resource Alternatives and Emerging Technologies

Throughout the reporting process, interested parties expressed a desire to see PSE model alternative energy and energy storage solutions. For this report, PSE modeled several of these technologies, including:

- Advanced nuclear (SMR)
- Biodiesel
- Green hydrogen
- Hybrid renewables and diverse energy storage

Many interested parties expressed their concerns with SMR inclusion in the draft portfolio, so PSE removed SMR modeling for the final 2023 Electric Report.

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➔ Please see [Appendix D: Generic Resource Alternatives](#) and [Chapter Eight: Electric Analysis](#) for additional information about how PSE modeled resource alternatives.

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### 4.2. Impacts of the Inflation Reduction Act

Interested parties asked PSE to take into full consideration the impacts of the Inflation Reduction Act (IRA) in the 2023 Electric Report. PSE included the IRA provision for distributed solar investment tax credits (ITC) in the 2023 Electric Report because these are clear provisions that PSE has used in the past. However, the rulemaking process for energy efficiency is largely incomplete and we do not expect to understand the nuances of those results until mid-2023. PSE is working to stay informed about the IRA rulemaking process and will incorporate those provisions in future IRP cycles.

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➔ Please see [Chapter Four: Legislative and Policy Change](#) for additional information about how PSE incorporated impacts of the IRA into this report.

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### 4.3. Clean Energy Transformation Act Compliance

Interested parties expressed concern about PSE's commitment to compliance with the Clean Energy Transformation Act (CETA), which requires 100 percent GHG neutrality by 2030. PSE is pursuing cost-effective, reliable, and



available conservation through renewable and non-emitting resources and we are committed to achieving the 2030 CETA requirements, as outlined in our 2021 Clean Energy Implementation Plan (CEIP). For the 2023 report, we focused on unbundled renewable energy credits (RECs) and carbon offsets to work toward meeting 100 percent GHG neutrality.

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➔ Please see [Chapter Eight: Electric Analysis](#) and [Chapter Two: Clean Energy Action Plan](#) for additional information about CETA compliance in this report

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## 4.4. Climate Change Considerations

Before and during this IRP cycle, members of the public encouraged PSE to incorporate climate change data into the planning process. We recognized the importance of climate change in past cycles but needed additional data to ensure that any analysis that reflected climate change was accurate. We began incorporating forward-looking climate change assumptions rather than historical climate data into load forecasting in the 2023 Electric Report.

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➔ Please see [Appendix F: Demand Forecasting Models](#) for additional information about how PSE incorporated climate change data into their planning process.

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## 4.5. Public Participation Process

Participants involved in public meetings for the 2023 Electric Report gave us valuable feedback on improving the public participation and feedback process. We implemented real-time improvements during this cycle and are assessing the public participation process for the next IRP cycle. For additional details see [Section 2.2](#) of this document.

# 5. Timeline, Meetings, and Topics

We conducted all public meetings for the 2023 Electric Report remotely to help prevent the spread of COVID-19 while improving access for members of the public. Each meeting began with an orientation that explained how to participate using the electronic platform. The [Meeting Documentation](#) section of this appendix provides links to documentation for each of the 11 webinars.

## 5.1. January 2022

Date	Description
January 10	Invitation for January 20, 2022, <i>Energy planning process and next steps for 2022</i> webinar emailed to an expanded list of approximately 1,500 individuals with topics including updates on the Clean Energy Implementation Plan (CEIP), work plan for the 2023 Electric Progress Report, incorporating climate change data into the demand forecast, and Conservation



Date	Description
	Potential Assessment (CPA). The invitation provided a registration link to the first meeting and a sign-up or opt-out option for notifications concerning the process. Registration links and information are also posted on the PSE IRP page online.
January 13	Meeting materials for the January 20 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened for public input.
January 20	<p><b><u>Energy Planning Process and Next Steps for 2022 Webinar</u></b></p> <p><b>Public role:</b> Inform and Consult</p> <p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 135 participants</p> <p>Puget Sound Energy provided updates on the CEIP, and work plan for the 2023 report, explained climate change in load forecasting, and explained how the Conservation Potential Assessment (CPA) fits into the IRP. Participants shared their feedback on climate change models and CPA.</p>
January 24	A recording of the January 20 webinar and the transcript of the meeting chat was posted to <a href="https://pse.com/irp">pse.com/irp</a> .
January 27	Feedback forms due for January 20 webinar, Energy Planning Process and Next Steps for 2022; 5 individuals responded.

## 5.2. February 2022

Date	Description
February 18	Invitation emailed to an expanded list of approximately 1,500 individuals for the <a href="#">March 22, 2022, Climate Commitment Act and assumptions for the 2023 Electric Progress Report webinar</a> .
February 25	A feedback report of comments collected from the feedback form for the January 20 webinar, PSE's responses, and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .

## 5.3. March 2022

Date	Description
March 4	Invitation for <a href="#">March 22 Climate Commitment Act and assumptions for the 2023 Electric Progress Report webinar</a> emailed to an expanded list of approximately 1,500 individuals with listed topics including Climate Commitment Act, carbon prices and social cost of greenhouse gases, alternative electric supply-side resources and cost, and regional assumptions for electric price forecasts. Registration link to the webinar was included, and a sign-up or opt-out option for notifications concerning the process. Registration links and webinar information were also posted online.
March 15	Meeting materials for March 22 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened.
March 22	<p><b><u>Climate Commitment Act and Assumptions for the 2023 Electric Progress Report Webinar</u></b></p> <p><b>Public role:</b> Inform and Consult</p> <p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 68 participants</p>



Date	Description
	Puget Sound Energy presented information on the Climate Commitment Act, carbon prices and social Cost of Greenhouse Gases, alternative electric supply-side resources and cost, and regional assumptions for electric price forecasts.
March 24	A recording of the March 22 webinar and the chat transcript was posted to <a href="https://pse.com/irp">pse.com/irp</a> .
March 31	Feedback forms were due for March 22 webinar; eight individuals responded.

## 5.4. April 2022

Date	Description
April 22	A feedback report of comments collected from the feedback form for the March 22 webinar, PSE's responses, and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .

## 5.5. May 2022

Date	Description
May 5	Invitation for <a href="#">June 6 Electric and gas delivery system planning webinar</a> emailed to an expanded list of 1,500 individuals with listed topics including Delivery System Planning (DSP) overview, modernization investments, DSP advancements, and distribution and transmission interconnection cost. It also includes saving the dates for all upcoming 2022 IRP meeting dates and legislative updates. A registration link to the webinar was included, along with a sign-up or opt-out option for notifications. Registration links and information were also posted online.
May 27	Meeting materials for June 6 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and the feedback form was opened.

## 5.6. June 2022

Date	Description
June 2	The second reminder was emailed to interested parties for the Electric and Gas Delivery System Planning (DSP) Webinar.
June 6	<p><b><u>Electric and Gas Delivery System Planning (DSP) Webinar</u></b></p> <p><b>Public role:</b> Inform and Consult</p> <p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 77 participants</p> <p>The Transmission team presented on Delivery System Planning ongoing work, Delivery System Planning — Integrating different voices, and Resource Interconnection Costs.</p>
June 13	Feedback forms were due for June 6 webinar; four individuals responded.
June 17	Invitation for July 12 <i>Electric and gas demand forecast</i> webinar emailed to an expanded list of approximately 1,500 individuals with listed topics including the demand forecast assumptions, electric and gas forecast results, and electric vehicle forecast. Registration link to the webinar was included along with a sign-up or opt-out option for notifications. Registration links and information were also posted online.



## 5.7. July 2022

Date	Description
July 1	A report of comments collected from the feedback form for the June 6 webinar, PSE's responses, and a meeting summary were posted to <a href="https://pse.com/irp">pse.com/irp</a> .
July 5	Meeting materials for July 12 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened.
July 12	<p><b><u>Electric and Gas Demand Forecast Webinar</u></b></p> <p><b>Public role:</b> Inform and Consult</p> <p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 64 participants</p> <p>Puget Sound Energy presented natural gas results, electric results, demand forecast assumptions, and the electric vehicle forecast.</p>
July 14	July 12 webinar recording and chat posted to <a href="https://pse.com/irp">pse.com/irp</a> .
July 20	Invitation for the August 24 <i>resource adequacy information session</i> webinar emailed to an expanded list of approximately 1,500 individuals with listed topics including overview and results to the Western Resource Adequacy Program (WRAP), 2022 Regional Forecast from Pacific Northwest Utilities Conference Committee (PNUCC), a summary of resource adequacy modeling results from E3, and PSE resource needs and market reliance. Registration link to the webinar is included, and a sign-up or opt-out option for notifications concerning the process. Registration links and information are also posted online.
July 22	Feedback forms were due for July 12 webinar; one individual responded.

## 5.8. August 2022

Date	Description
Aug. 12	A feedback report of comments collected from the feedback form for the July 12 webinar, PSE's responses, and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Aug. 17	Meeting materials for the August 24 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened.
Aug. 24	<p><b><u>Resource Adequacy Information Session Webinar</u></b></p> <p><b>Public role:</b> Inform</p> <p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 60 participants</p> <p>Representatives from the Western Resource Adequacy Program (WRAP) provided an overview of their program and metrics, the Pacific Northwest Utilities Conference Committee (PNUCC) provided a 2022 Regional Forecast, E3 shared a summary of resource adequacy modeling results, and PSE presented on resource needs and market reliance.</p>
Aug. 26	August 24 webinar recording and chat posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Aug. 29	Invitation for September 13 webinar emailed to an expanded list of approximately 1,500 individuals with listed topics including final resource need, Conservation Potential Assessment results, and final gas scenarios and gas alternatives. Registration link to Webinar was included, and a sign-up or opt-out option for notifications concerning the process. Registration links and information are also posted online.



## 5.9. September 2022

Date	Description
Sept. 2	Feedback forms are due for the August 24 webinar; four individuals responded.
Sept. 6	Meeting materials for September 13 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened.
Sept. 13	<p><b><u>Conservation Potential Assessment (CPA) and assumptions for the 2023 Electric Progress Report</u></b>  <b>Public role:</b> Inform and Consult  <b>Meeting platform:</b> Zoom  <b>Attendance:</b> 67 participants</p> <p>Puget Sound Energy presented Inflation Reduction Act impacts on the Electric Progress Report, resource alternatives, and how PSE is working towards 100 percent greenhouse gas neutrality by 2030, and Cadmus Group presented Conservation Potential Assessment results.</p>
Sept. 15	September 13 webinar recording and chat posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Sept. 23	Feedback forms were due for September 13 webinar; four individuals responded
Sept. 28	<p><b><u>Portfolio Benefits Analysis Drop-In Session</u></b>  <b>Public role:</b> Consult  <b>Meeting platform:</b> Zoom  <b>Attendance:</b> 19 participants</p> <p>Puget Sound Energy presented potential methodology for utilizing customer benefits in portfolio analysis, discussed potential methodology and ways to improve or evolve it, and discussed next steps for use of the analysis.</p>
Sept. 30	<p><b><u>Portfolio Benefits Analysis Drop-In Session</u></b>  <b>Public role:</b> Consult  <b>Meeting platform:</b> Zoom  <b>Attendance:</b> 16 participants</p> <p>Puget Sound Energy presented potential methodology for utilizing customer benefits in portfolio analysis, discussed potential methodology and ways to improve or evolve it, and discussed next steps for use of the analysis.</p>

## 5.10. October 2022

Date	Description
Oct. 14	A feedback report of comments collected from the feedback form for the September 13 webinar, PSE's responses, and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Oct. 20	A feedback report of comments collected from the feedback form for the September 22 webinar, along with PSE's responses and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Oct. 20	Date change announcement for December 12 webinar, originally scheduled for November 17, was emailed to an expanded list of approximately 1,500 individuals with listed topics including draft portfolio results for the 2023 Electric Progress Report and Gas Utility IRP. Registration link to Webinar was included, and a sign-up or opt-out option for notifications concerning the process.
Oct. 25	<p><b><u>Portfolio Benefits Analysis Drop-In Session</u></b>  <b>Public role:</b> Consult</p>



Date	Description
	<p><b>Meeting platform:</b> Zoom</p> <p><b>Attendance:</b> 14 participants</p> <p>Puget Sound Energy presented potential methodology for utilizing customer benefits in portfolio analysis, discussed potential methodology and ways to improve or evolve it, and discussed next steps for use of the analysis.</p>

## 5.11. November 2022

Date	Description
	Feedback forms were due for September 28, 30, and October 25 drop-in sessions; 4 individuals responded.
Nov. 16	Invitation for December 12 <i>Updates and feedback on draft results of electric and gas portfolio</i> webinar emailed to an expanded list of 1,500 individuals with listed topics, including final draft results for electric and gas portfolio. Registration link to the webinar is included, and a sign-up or opt-out option for notifications concerning the process. Registration links and information are also posted online.
Nov. 22	A feedback report of comments collected from the feedback form for the September 28 and 30, and October 25 drop-in sessions, along with PSE's responses and a meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .

## 5.12. December 2022

Date	Description
Dec. 5	Meeting materials for December 12 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> , and a feedback form was opened.
Dec. 12	<p><b><u>Draft results of electric portfolios webinar</u></b></p> <p><b>Public role:</b> Consult, Involve and Inform</p> <p><b>Attendance:</b> 92 participants</p> <p>Puget Sound Energy delivered an overview of the 2023 Electric Progress Report modeling process and timeline; discussed PSE's distributed energy resources and customer renewable programs; presented resource plan modeling results; and facilitated a discussion of the candidate portfolios.</p>
Dec. 14	December 12 webinar recording and chat posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Dec. 19	Feedback forms were due for the December 12 webinar; 4 individuals responded.

## 5.13. January 2023

Date	Description
Jan. 9	A meeting summary for the December 12 meeting posted to <a href="https://pse.com/irp">pse.com/irp</a> .
Jan. 24	Draft Chapter 3: Resource Plan of the Electric Progress Report published at <a href="https://pse.com/irp">pse.com/irp</a> . A feedback form was opened.



## 5.14. February 2023

Date	Description
Feb. 7	Feedback forms due for the Draft Chapter 3: Resource Plan of the Electric Progress Report published at <a href="https://pse.com/irp">pse.com/irp</a> .
Feb. 27	Invitation for March 14 <i>Final portfolio results of 2023 Electric Progress Report and Gas Utility IRP</i> webinar emailed to the expanded list of approximately 1,500 individuals with listed topics, including final results for electric and gas portfolio. Registration links to both Webinars are included, and a sign-up or opt-out option for notifications concerning the process. Registration links and information are also posted online.

## 5.15. March 2023

Date	Description
March 7	Meeting materials for March 14 webinar were posted to <a href="https://pse.com/irp">pse.com/irp</a> .
March 14	<p><b><u>Final Portfolio results of the 2023 Electric Progress Report and Gas Utility IRP Webinar</u></b></p> <p><b>Public role:</b> Inform and Consult</p> <p><b>Attendance:</b> TBD</p> <p>In this webinar, PSE explained the market risk assessment and results of the stochastic analysis. The preferred portfolio and background concerning the approach and methodology was presented.</p>
March 16	March 14 webinar recording and chat posted to <a href="https://pse.com/irp">pse.com/irp</a> .
March 24	March 14 webinar meeting summary posted to <a href="https://pse.com/irp">pse.com/irp</a> .

# 6. Meeting Documentation

Links to materials for each 2023 report webinar are included below and posted on [pse.com/irp](https://pse.com/irp).

## 6.1. January 20, 2022 Webinar

**Topic:** Energy planning process and next steps for 2022

- [Agenda](#)
- [Presentation](#)
- [2022 Climate Change Data Calculation](#) [Excel]
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary](#)

## 6.2. March 22, 2022 Webinar

**Topic:** Climate Commitment Act and assumptions for the 2023 Electric Progress Report

- [Hot Sheet](#)





- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary and feedback report](#)
- Meeting Files
  - [2023 Electric Progress Report – Generic Resource Cost Adjustments \(Excel\)](#)
  - [2023 Electric Progress Report – Generic Resource Cost Breakdown \(Excel\)](#)
  - [2023 Electric Progress Report – Regional New Builds and Retirements \(Excel\)](#)
  - [2019 HDR Generic Resource Assumptions report](#)

### 6.3. June 6, 2022 Webinar

**Topic:** Electric and gas delivery system planning

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary and feedback report](#)

### 6.4. July 12, 2022 Webinar

**Topic:** Electric and gas demand forecast

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary and feedback report](#)

### 6.5. August 24, 2022 Webinar

**Topic:** Resource adequacy information session

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)



- [Meeting summary and feedback report](#)
- Meeting files:
  - [August 2021 Effective Load Carrying Capability \(ELCC\) Workshop Recording](#)
  - [Presentation from the 2021 ELCC Workshop](#)
  - [Resource Adequacy Primer \(2021\)](#)
  - [Review of Puget Sound Energy ELCC Methodology \(2021\)](#)
  - [Response to Public Comments on ELCC Calculations and Use \(2021\)](#)
  - [Market Reliance Workshop presentation \(2021\)](#)
  - [Market Reliance Workshop video recording \(2021\)](#)
  - [Market Reliance Workshop Q&A \(2021\)](#)

## 6.6. September 13, 2022 Webinar

**Topic:** Electric Progress Report: Final resource need and Conservation Potential Assessment (CPA) results

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary and feedback report](#)
- Meeting files:
  - [Electric Price Forecast for the 2023 Electric Progress Report](#)
  - [2023 Electric Progress Report Electric Price Forecast \[Excel\]](#)
  - [Generic Resources Capital Costs and Operating Assumptions  
2023 Electric Progress Report Updated Generic Resources Cost Assumptions \[Excel\]](#)

## 6.7. September 28 and 30, and October 25, 2022 Webinars

**Topic:** Portfolio Benefits Analysis Drop-in Sessions

- [Presentation](#)
- [Customer Benefit Indicator Calculator \[Excel\]](#)
- [Meeting summary and feedback report](#)

## 6.8. December 12, 2022 Webinar

**Topic:** Draft portfolio results of 2023 Electric Progress Report

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)



- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary](#)

## 6.9. March 14, 2023 Webinar

**Topic:** Final portfolio results of the 2023 Electric Progress Report and Gas Utility IRP

- [Hot sheet](#)
- [Agenda](#)
- [Presentation](#)
- [Chat log](#)
- [Meeting recording](#)
- [Meeting summary](#)