



Portland General Electric Company
Legal Department
121 SW Salmon Street • 1WTC1301 • Portland, OR 97204
Phone 503-464-7822 • Fax 503-464-2200
portlandgeneral.com

Loretta I. Mabinton
Managing Assistant General Counsel
loretta.mabinton@pgn.com

November 09, 2021

Via Electronic Filing

Oregon Public Utility Commission
Attn: Filing Center
201 High Street Southeast Suite 100
Post Office Box 1088
Salem, Oregon 97301

Re: UM 2166 – PGE 2021 All-Source Request for Proposals (RFP)

Dear Filing Center:

Enclosed for filing in the above captioned docket is an electronic copy of PGE's proposed scoring and modeling methodology slide deck presented to stakeholders and bidders at the October 11th, 2021 PGE hosted workshop for Docket UM 2166.

Sincerely,

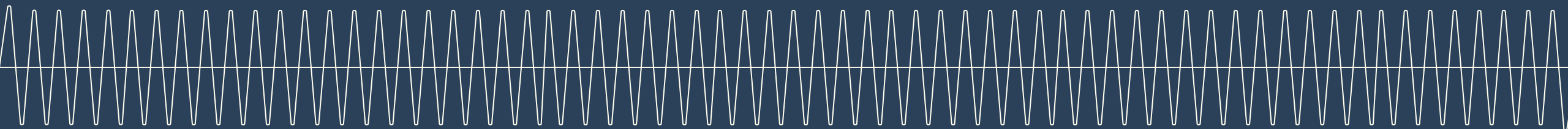
/s/ Loretta Mabinton

Loretta Mabinton
Managing Assistant General Counsel

Enclosure

2021 All-Source RFP Proposed Scoring and Modeling Methodology

October 11, 2021



MEETING LOGISTICS



Teams Meeting

Please click the meeting link sent to your email:

[Join Microsoft Teams Meeting](#)

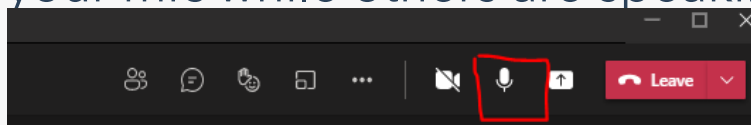
+1 971-277-2317 (dial this number into your phone for best results)

PW: 420 409 975#

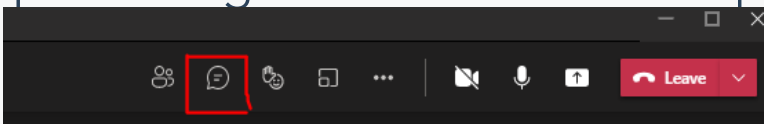
*Please use Microsoft Edge or Google Chrome with Teams as it will give you the best experience

PARTICIPATION

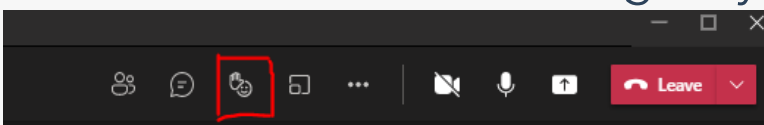
- Mute your mic while others are speaking; to unmute via phone press *6



- We will ask for comments and questions along the way
- Participate using the chat box or ask questions verbally



- Use the "raise hand" feature to signal you'd like to ask your question verbally



- Wait to be called on
- Please be polite and respect all participants involved with the workshop
- Please stay on topic; we may interrupt or shorten questions to meet the time commitment of the meeting



AGENDA

- Welcome & Logistics
 - Safety Moment
 - Independent Evaluator Introduction
 - 2021 All-Source RFP Volumes
 - Changes to the 2021 All-Source RFP
 - Schedule & Process
 - Minimum Requirements
 - Website Introduction
 - Questions
- 

SAFETY MOMENT

Unchecked Recalls Pose Roadway Risks

About 53 million vehicles are on the road with unresolved safety recalls, according to National Highway Traffic Safety Administration (NHTSA) data. That's more than one in four cars on the road.

Checking Recall Status is Easy

Drivers can enter their vehicle identification number at :

- [checktoprotect.org](https://www.checktoprotect.org)
- [NHTSA.gov](https://www.nhtsa.gov)



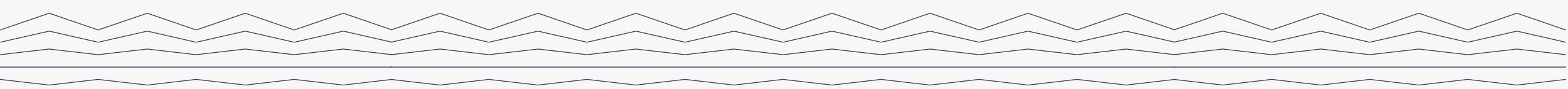
Independent Evaluator (IE)

The Oregon Public Utility Commission (OPUC) has selected Bates White as an independent third-party evaluator

In accordance with OAR 860-089-0450(1), "the IE will oversee the competitive bidding process to endure that it is conducted fairly, transparently and properly"

IE contact information for questions or concerns:

- Frank Mossburg
- Frank.mossburg@bateswhite.com
- (202) 652-2194



2021 All-Source RFP Volumes



One All-Source RFP

PGE will be look to procure renewable resource and non-emitting dispatchable capacity resources through one all-source RFP

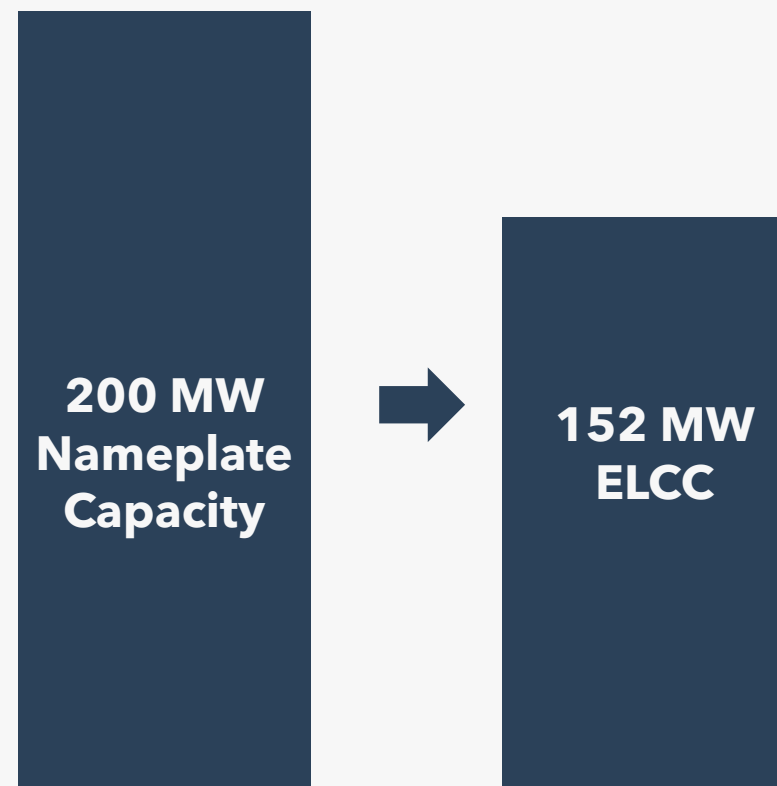
- PGE seeks to procure approximately 150 MWa of renewable resources
 - PGE will evaluate the potential benefits of procuring more than 150MWa and will specifically evaluate the costs and benefits of procuring 215 MWa of renewable resources
- PGE seeks to procure additional dispatchable capacity resources necessary meet PGE's approximately 375 MW 2025 capacity need
- All-Source RFP will accept bids from all commercially viable, utility scale generation resources, and non-emitting resources
- PGE is hoping to see a wide variety of resource participation in this RFP and is seeking both renewable and non-emitting dispatchable resources
 - Renewable resources must be RPS eligible, qualify for federal tax credits
 - Non-emitting dispatchable resources must be able to be called upon by PGE to dispatch at specified times

2025 Capacity Need

- PGE currently forecasts a 2025 capacity deficit of approximately 375 MW needed to meet adequacy targets
- PGE's capacity needs can be met through portfolio resource additions that are measured with capacity contribution metrics (ELCC) rather than nameplate
 - See 2019 IRP Update Appendix D
- Capacity need remaining following renewable additions to be met with dispatchable capacity resources

Representative Capacity Example

200 MW, 4-hr Lithium Ion Battery




Volumes and Portfolio Impact

- Identified capacity need at this time is approx. 375 MWs capacity contribution
- Consistent with the the IRP Action Plan PGE will target procurement of 150 MWa of renewable resources which contribute to meeting PGE's capacity need
- Should PGE procure 150 MWa of renewables, PGE expects a substantial remaining capacity deficit
- Also including 100MWs nameplate of renewable resources for Green Future Impact, which would not contribute to the 150 MWa cap

150 MWa of Renewable Resources		
Resource Type	Nameplate (MW)	Capacity Contribution (MW)
Gorge Wind	368	74
Ione Wind	459	37
SE WA Wind	350	49
MT Wind	350	84
Solar	517	21

Green Future Impact Interaction

- PGE will procure additional renewables for its Green Future Impact program within this solicitation due to the level of effort these procurements require as well as the current customer demand for the program
 - The needs of all cost-of-service customers will be prioritized
 - Resources to negotiate with on the final shortlist for all cost-of-service customers will be selected before selecting resources for PGE's Green Future Impact subscribers
 - If there are specific requests from subscribers (resource type, term length, etc), PGE will take those into account when selecting from the remaining resources for Green Future Impact
- 

2021 All-Source RFP Changes



Changes to 2021 All-Source

OPUC Order No. 21-320 Approves PGE's RFP Scoring and Methodology Practices subject to the following changes:

- Evaluation of an 'Alternate Procurement Scenario' of 215 MWa of renewable resources
- Allow existing resources to participate including facility repowers
- Change the Price & Non-Price Scoring weightings to 70% price, 30% non-price
- Specific non-price scoring changes

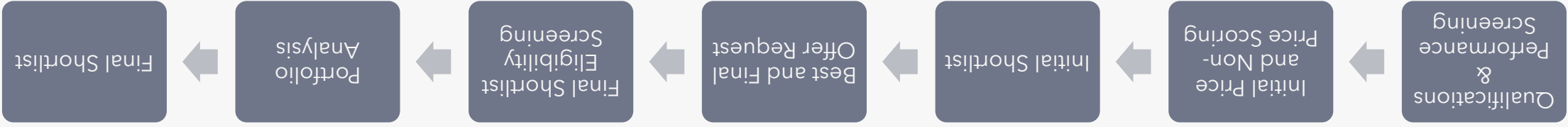
Non-Price Scoring

Score Type	Component	Description	Total Dispatchable Resource Points Possible	Total Renewable Resource Points Possible
Price Score	N/A	Points are allocated based on a cost to benefit ratio	700	700
Non-Price Score	Commercial Performance Risk	Points are allocated based on adherence to commercial terms and conditions that focus on performance guarantees and limitations of liability and remedies	212	212
	Transmission Plan Attributes	Points are allocated based on the facility's potential output met with long-term transmission rights	N/A	29
	Level Capacity Ratio	Points are allocated based on the ratio of the resource's capacity contribution to its expected energy production	N/A	59
	Online Date Certainty	Points are allocated based on the online date of the resource	88	N/A

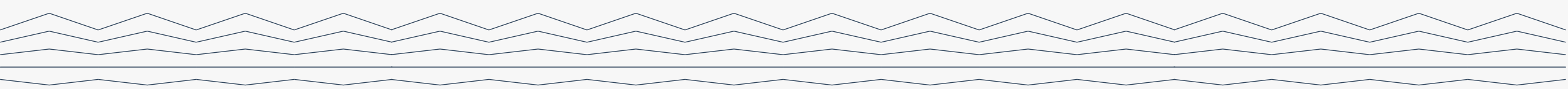
2021 All-Source RFP Schedule



Analysis Process



RFP Schedule

- 10/15/2021 - PGE submits final draft Renewable RFP to OPUC for approval.
 - 12/6/2021 - PGE issues Final RFP.
 - 12/10/2021- Post-issuance bidder conference.
 - 1/4/2022 - Benchmark bid due.
 - 1/17/2022 – RFP proposals from Bidders due.
 - 2/11/2022 - Initial short list identified.
 - 2/18/2022 - Best and final price update.
 - 4/5/2022 – PGE submits request for acknowledgment of short list to OPUC.
 - June 2022 - Final contracts executed with winning Bidders as applicable.
- 

2021 All-Source RFP Eligibility



Minimum Requirements

All Commercial Structures



Utility Ownership Structures

- Technical Specifications
 - Equipment Manufacturers
- Long-term Service Agreements

Commercial Operation Date Requirements

To allow for the greatest variety of resource types to participate in this solicitation, PGE has two different commercial operation date requirements:

- All resources must be online by 12/31/2024
 - To qualify for the 80% PTC, wind resources must be online by 12/31/2023
- PGE is making an exception for long-lead time resources and requires that they are online by 12/31/2027
 - For the initial shortlist evaluation project cost and benefits will be evaluated in alignment with the resource COD
 - The portfolio analysis later in the process will consider additional purchases PGE will need to make to cover the capacity shortfall associated with this later COD



Transmission Requirements

Non-Emitting Dispatchable Resources

100% Long Term Firm transmission service for the full interconnection limit

Bidders relying on BPA for transmission service are required to have either previously granted transmission service or an active OASIS transmission service request (TSR) participating in the BPA TSR Study and Expansion Process

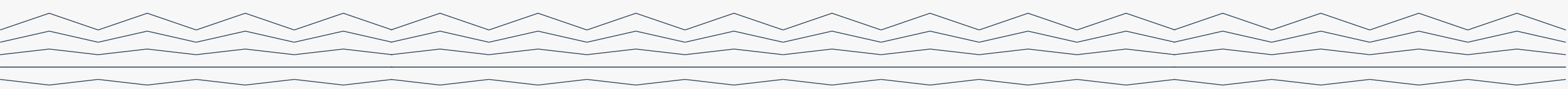
Renewable Resources

Up to 20% of interconnection limit met with Short-Term Firm transmission

80% or more of interconnection limit met with eligible long- term transmission:

- Long-Term Firm
- Conditional Firm Bridge
- Conditional Firm Reassessment

Bidders relying on BPA for transmission service are required to have either previously granted transmission service or an active OASIS TSR participating in the current BPA TSR Study and Expansion Process



Interconnection Requirements

For a bid to initially participate in the solicitation it must have the following:

- An active generation interconnection request in the transmission provider's interconnection queue
- A completed system impact study
- If interconnection involves a 3rd party other than the transmission provider, the bid must also include an interconnection request to the 3rd party and all associated studies

To qualify for the final short list, a completed facilities study is required



Site Control Requirements

Bidders must support the bid by demonstrating dependable site control, for both the location of the resource and any gen-tie path that is required. At the time of bid submission, Bidders must possess at least one of the following for a minimum of 80% of the project site:

- title to the site
- an executed lease agreement
- an executed easement
- an executed option agreement

The site control documents should reflect the resource type bid into this RFP

Prior to placement on PGE's final short list, bidders will be required to demonstrate site control for 100% of the project site

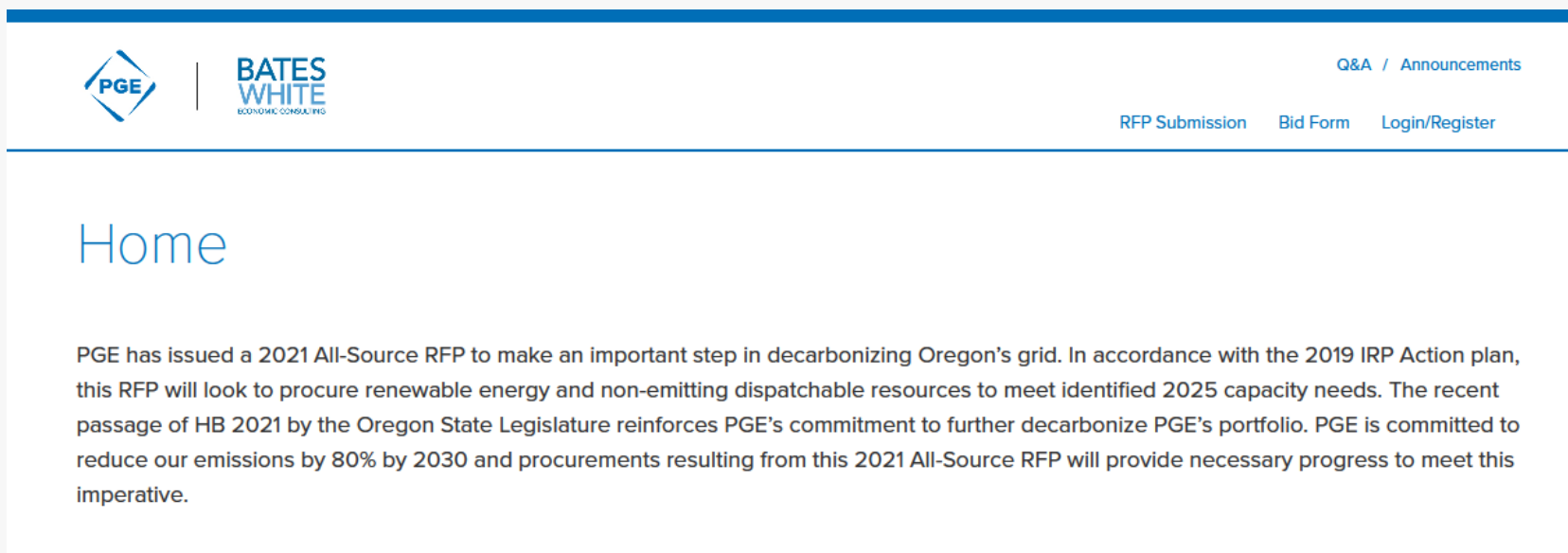


2021 All-Source RFP Website





Bidder Website

- www.PortlandGeneral2021RFP.com
- Website open October 15th
- Include Final Draft RFP Materials and Bid Form



The screenshot shows the top portion of a website. On the left, there are logos for PGE and BATES WHITE ECONOMIC CONSULTING. On the right, there are navigation links: "Q&A / Announcements", "RFP Submission", "Bid Form", and "Login/Register". Below the navigation is a large heading "Home" and a paragraph of text.

 | 

[Q&A / Announcements](#) [RFP Submission](#) [Bid Form](#) [Login/Register](#)

Home

PGE has issued a 2021 All-Source RFP to make an important step in decarbonizing Oregon's grid. In accordance with the 2019 IRP Action plan, this RFP will look to procure renewable energy and non-emitting dispatchable resources to meet identified 2025 capacity needs. The recent passage of HB 2021 by the Oregon State Legislature reinforces PGE's commitment to further decarbonize PGE's portfolio. PGE is committed to reduce our emissions by 80% by 2030 and procurements resulting from this 2021 All-Source RFP will provide necessary progress to meet this imperative.

Thank you!

Questions?

