

Request for Proposals (RFP)

Washington Independent Evaluator (IE) For PacifiCorp's 2022 All-Source Request for Proposals

Issued: September 10, 2021 Thursday
Proposals Due: September 24, 2021 Thursday

5:00 PM Pacific Prevailing Time

Issuing Entity: PacifiCorp

PacifiCorp
Attn: Resource & Commercial Strategy
825 NE Multnomah, Suite 600
Portland OR 97232

Email: rfp_IE@pacificorp.com

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Attachments

- A PacifiCorp's Proposed 2022AS RFP Schedule
- B Washington Electric Company Purchase of Resources Rules
- C Proposed 2022AS RFP Bid Evaluation and Selection Process
 - C-1 2021 IRP Preferred Portfolio Incremental Resources
- D Bidder Pricing Proposal
- E Professional Services Contract

I. INTRODUCTION AND BACKGROUND

This Independent Evaluator (IE) Request for Proposals (RFP) is being issued to comply with Washington Electric Companies - Purchases of Resources rules¹ while PacifiCorp conducts an all-source RFP for future resources meeting specific requirements and schedule. The IE will be required to perform the activities described in detail in this IE RFP.

The PacifiCorp 2022 All-Source Request for Proposals ("2022AS RFP") is being issued to pursue resource need identified in PacifiCorp's 2021 Integrated Resource Plan (IRP) Action Plan and in compliance with Washington Electric Companies - Purchases of Resources rules which require an All Source RFP within one hundred twenty days after the utility files its final IRP.² PacifiCorp's 2021 IRP was filed September 1, 2021 and included the evaluation methodology for its next proposed All Source RFP as an IRP chapter. In order to fulfil the IRP Action Plan and acquire new resources to be commercially operational by December 31, 2026, PacifiCorp will seek Commission approval from Oregon, Washington and Utah, issue the RFP and determine the initial shortlist of resources prior to the close of PacifiCorp Transmission's Cluster Request Window on May 16, 2022 as regulated and set forth in PacifiCorp Transmission's Open Access Transmission Tariff (OATT).

The 2022AS RFP will accept and evaluate all resource types³ which meet the minimum criteria of this RFP. Prior to the determination of the final shortlist in approximately January 2023, the 2022AS RFP will incorporate two RFPs, which will dovetail and be evaluated in parallel using the IRP portfolio optimization models. Those efforts include:

- 1. All source RFP (2022AS RFP) to be released in January 2022 in order to select a shortlist prior to the close of PacifiCorp Transmission's 2022 Cluster Study Window, and
- 2. A demand-side resource RFP to be issued in Q2 2022 targeting but not limited to distributed energy, demand response and other customer located resources.

The IE will be retained to oversee the all source RFP process up to and including the final short list selection process in which both supply side and demand side resources will be included in the portfolio optimization model and considered for selection to the final short list. The IE will also be retained to oversee the demand side RFP prior to the final shortlist selection.

The 2021 IRP preferred portfolio includes the following incremental resources:⁴

- 1. 1345 megawatts (MW) of new proxy supply-side generation resources and 600 MW of collocated energy storage resources with commercial operation date ("COD") by December 31, 2026.⁵
- 2. 274 megawatts (MW) of new proxy demand-side resources.

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¹ Washington Administrative Rules (WAC) 480-107 Electric Companies—Purchases of Resources

² WAC 480-107-017(1)

³ WAC 480-107-009 (1) All-source RFP requirements. All-source RFPs must allow bids from different types of resources that may fill all or part of the characteristics or attributes of the resource need. Such re-source types include, but are not limited to, unbundled renewable energy credits, conservation and efficiency resources, demand response or other distributed energy resources, energy storage, electricity from qualifying facilities, electricity from independent power producers, or other resources identified to contribute to an equitable distribution of energy and nonenergy benefits to vulnerable populations and highly impacted communities.

⁴ In the Matter of the Petition of PacifiCorp, d/b/a Pacific Power & Light Company, 2021 Integrated Resource Plan, Docket No. UE-200420, 2021 Integrated Resource Plan (Sept. 1, 2021).

⁵ The figures for solar and wind exclude resource capacity added to meet assumed customer preference targets that are included in the 2021 IRP preferred portfolio.

In addition, PacifiCorp will accept bids from long lead resources requiring longer lead time to develop and construct that places the project completion beyond the required 2022AS RFP commercial operation date of December 31, 2026.6

Under the 2022AS RFP, PacifiCorp is seeking proposals for competitively priced resources capable of interconnecting with or delivering to PacifiCorp's transmission system in its east or west balancing authority areas (PACE and PACW, respectively), targeting the specific topology and resource mix as shown in **Attachment C-1 - 2021 IRP Preferred Portfolio Incremental Resources.**

PacifiCorp will accept qualified proposals from bidders who currently own or have legally binding rights to develop new greenfield resources that are discrete generating assets and can be individually metered and remotely monitored. PacifiCorp will also seek bids from existing operating facilities subject to certain limitations. ⁷ During the 2022AS RFP final short list evaluation process, PacifiCorp will run its IRP optimization tool with the top performing supply-side and demand-side resources. PacifiCorp will choose final short list resources based on providing lowest cost and risk to the system and in compliance with the procurement rules in its six-state territory.

For the 2022AS RFP, PacifiCorp will consider proposals for the following transaction structures:

- 1. Benchmark transaction whereby the utility proposes the project.
- 2. <u>Build-transfer transaction</u> whereby the bidder develops the project, assumes responsibility for construction and ultimately transfers the asset to PacifiCorp in accordance with the terms of a build-transfer agreement (BTA). Under this transaction structure, the bidder will be responsible for all development, design, equipment supply, construction, commissioning, and performance testing, and will be required to design and construct the resource in conformance with PacifiCorp's specifications. PacifiCorp will only be acquiring the bidder's assets under the BTA structure and will not consider BTA bids that involve the ultimate transfer of a project company to PacifiCorp.
- 3. Power-purchase agreement (PPA) transaction with exclusive ownership by PacifiCorp of any and all energy, capacity and environmental attributes associated with the generation. PacifiCorp will consider PPA terms between 5 and 30 years. PacifiCorp provides two forms of PPA; generation-only resources and generation resources collocated with a BESS resource. With respect to collocated resources, the term length must be the same term for both the generation and the storage resource. PacifiCorp is requiring full dispatch control of the collocated or standalone battery (charge and discharge).
- 4. <u>Tolling Agreement (Toll) transaction</u> whereby PacifiCorp controls the output of a standalone storage resource (BESS, Pumped storage hydro (PSH) or other). PacifiCorp will consider Toll terms between 5 and 30 years.
- 5. PacifiCorp will accept its Professional Services Contract for demand-side bids.

PacifiCorp will accept bids in the 2022AS RFP from existing operating facilities subject to the following conditions:

Bidder cannot terminate an existing contract to bid into the 2022AS RFP

⁶ A review of PacifiCorp Transmission's interconnection queue showed pumped storage and nuclear as the only long-lead time resources.

⁷ 1) Bidder cannot terminate an existing contract to bid into the 2022AS RFP; 2) The existing contract must expire before the required on-line date as proposed in a bidder's bid but no later than December 31, 2026; 3) Bid must meet all other requirements in the 2022AS RFP.

- The existing contract must expire before the required on-line date as proposed in a bidder's bid but no later than December 31, 2026.
- Bid must meet all other requirements in the 2022AS RFP

PacifiCorp will submit self-build ownership proposals (benchmark resources) and may allow for affiliate bids. PacifiCorp benchmark resource bids will be received by the independent evaluator (IE) no later than seven (7) days prior to the receipt of market bids. The market bids will not be opened until such time as PacifiCorp benchmark resource bids have been reviewed, evaluated, and validated by the IE and PacifiCorp's evaluation team.

PacifiCorp may make specific utility assets available for bidders in this RFP consistent with WAC 480-107-025(6).

The proposed 2022AS RFP schedule is contained in Attachment A – Proposed 2022AS RFP Schedule.

A. PURPOSE

The purpose of this solicitation is to select and recommend for Washington Commission Approval an IE for PacifiCorp's 2022AS RFP. PacifiCorp will contract directly with the Commission-selected IE using **Attachment E** - **PacifiCorp Professional Services Contract.** The IE must be independent of the utility and potential bidders and also be experienced and competent to perform all IE functions identified in Washington's purchases of resources rules in **Section II Scope of Work**.

B. BACKGROUND

The Commission issued purchase of resources rules for resource acquisitions, where a utility's IRP demonstrates that the utility has a resource need within four years. The 2022AS RFP is subject to these rules as further described in **Attachment B – Washington Electric Companies – Purchases of Resources Rules**.

Under the Commission's rules, an IE must be used when RFPs consider (1) bids from the utility, or its subsidiary, or its affiliate (benchmark bids), (2) the utility intends to retain the option to procure resources that will result in the utility owning or having a purchase option in the resource over its expected useful life; or (3) the utility is considering repowering its existing resources to meet its resource need to help ensure that all offers are treated fairly, transparently and properly. The IE is tasked with ensuring the 2022AS RFP bid evaluation and selection process are also consistent the rules.

C. CONTRACT TERM AND AMENDMENTS

The IE contract is anticipated to be for an initial term of eighteen (18) months, with the option to renew on a month-to-month basis until the IE's participation in the 2022AS RFP process is completed. The IE must be available according to the schedule established by the Commission.

D. ESTIMATED SCHEDULE OF IE RFP EVENTS

⁸ Unless directed by the Commission otherwise, a PacifiCorp "affiliate" shall be limited to Berkshire Hathaway Energy Company and its subsidiaries.

⁹ WAC 480-107-009(2)

¹⁰ WAC 480-107-023(1)

The proposed schedule for selection of the Washington IE is shown below for the major milestones. Additional milestones in the selection process and the overall 2022AS RFP schedule are included in **Attachment A – Proposed 2022AS RFP Schedule** and should be reviewed during bid preparation.

Milestone	Date
Issue WA IE RFP to market	09/09/2021
WA IE Bids Due	09/23/2021
WA Commission Public Meeting Approving IE	09/30/2021
Execute Contract with IE	10/11/2021

E. RESERVATION OF RIGHTS

PacifiCorp reserves the right in its sole discretion to:

- Amend this RFP for any reason or cancel this solicitation without liability if cancellation would be in the public interest;
- Reject any or all Proposals received in response to this RFP, without liability, if such rejection
 would be in the public interest. PacifiCorp is not responsible for any costs incurred by the
 bidder in connection with submitting proposals, and all bidders who submit a proposal do so
 solely at their own expense;
- Waive any minor irregularity, informality, or non-conformance with the provisions or procedures set forth in this RFP, and to seek clarification of each proposal if necessary;
- Contact any or all references submitted with the proposal.

F. SOLICITATION ADDENDA

PacifiCorp may revise this RFP on or before the RFP closing date. PacifiCorp will not waive, alter, modify, supplement or amend the terms of this RFP in any manner except by written addenda issued by PacifiCorp in the same manner as the original RFP was advertised. Any purported changes, additions, interpretations or clarifications to the RFP that are issued in any manner other than as described above will not be effective, and the bidder shall not rely upon such information.

G. PROPRIETARY INFORMATION AND CONFIDENTIALITY

1. All information submitted by a bidder will be considered public information unless the bidder requests that information be treated as confidential, and the information is considered exempt under Revised Code of Washington (RCW) chapter 42.56 and RCW 80.04.095. ¹¹ If a bidder declares any information contained in its bid submittal to be confidential, the bidder must specifically identify those sections as containing "Confidential Information" and briefly explain how and why the information is exempt from disclosure to the public in accordance with RCW chapter 42.56 and RCW 80.04.095. Specifically, any documents submitted and any documents exchanged between the parties that contain Confidential Information shall be marked on the outside as containing Confidential Information, and each page upon which Confidential Information appears must be marked as containing Confidential Information. The Confidential Information should be clearly identifiable to the reader wherever it appears.

PacifiCorp - Washington IE RFP

¹¹ See also, WAC 480-07-160.

- 2. All copies submitted, as well as the original proposal, must be marked in this manner. The request must also include the name, address, and telephone number of the person authorized by the bidder to respond to any inquiries by PacifiCorp concerning the confidential status of the materials. PacifiCorp agrees to treat such information as confidential and to submit such information to the Commission, or commissions, and other parties in accordance with a protective order.
- 3. In addition, the bidder agrees that certain Commission-authorized entities must be allowed to review such confidential materials.
- 4. All information supplied to PacifiCorp or generated internally by PacifiCorp is and will remain the property of PacifiCorp. To the extent bidder receives information from PacifiCorp, bidder must maintain the confidentiality of such information and such information may not be provided to any third party before, during or after this IE RFP process unless required by law or regulatory order.
- 5. To the extent the Bidder selected as the IE for the 2022AS RFP receives information from PacifiCorp, the IE must maintain the confidentiality of such information and such information may not be provided to any third party before, during or after the 2022AS RFP process unless required by law or regulatory order.

II. SCOPE OF WORK

A. DELIVERABLES

The 2022AS RFP is being issued in response to the resource need that was identified in the 2021 IRP. The RFP is time sensitive due to the need to identify an initial shortlist before the close of the Cluster Study Request Window on May 16, 2022 per PacifiCorp Transmission's Open Access Transmission Tariff. Consequently, the scope of work has a condensed and rigorous schedule up to the selection of the initial shortlist, which IE bidders should fully consider in their proposals.

1. IE ASSESSMENT OF RFP DESIGN

- a. PacifiCorp will file an initial draft 2022AS RFP with the Commission after selection of the IE to allow an opportunity for the selected IE to participate in the final drafting and stakeholder comments to the draft RFP and provide other feedback before the final draft RFP is filed and approval process is completed. This process will ensure that the final draft RFP reflects any comments received by both stakeholders and the IE without delaying the timeline for selection of an initial shortlist of bids.
- b. The selected IE will complete a thorough assessment of the 2022AS RFP design and submit its assessment of the final RFP draft to the Commission when PacifiCorp files its final draft RFP for approval. The assessment should review the adequacy, accuracy, and completeness of all solicitation materials to ensure compliance with the Commission's purchases of resources rules and consistency with accepted industry standards and practices.
- c. The IE will participate in joint meetings and discussions via Teams or Zoom, as needed, with Oregon and Utah's selected independent evaluators regarding the overall RFP process and final comments on the 2022AS RFP to ensure the final draft RFP is consistent

¹² WAC 480-107-023 (5) (b)

across PacifiCorp's states as submitted to the Washington, Oregon, and Utah Commissions. PacifiCorp has proposed two specific joint IE meetings; one to cover the overall RFP process and a second to review final draft RFP to align comments from Washington, Oregon, and Utah stakeholders. These meeting are expected to occur via Teams or Zoom video meetings. Additional virtual or face-to-face meetings may be established during the RFP process.

2. Reports

The IE will be required to file the following identified RFP reports with the Commission:

- a. <u>Final Draft RFP Assessment</u>: The IE will complete and file an assessment of the final RFP draft as described in A.1.a above at the time PacifiCorp files its final draft RFP for Commission approval. The IE will verify the RFP contents meet the criteria in WAC 480-107-025.
- b. <u>Bid Scoring</u>: The IE will independently score the competing bids and file the scores with the Commission. PacifiCorp intends to submit multiple benchmark bids, and so this task will be completed to provide results to the Commission. This report will be provided to the Commission under seal or as highly confidential information subject to an amended protective order.¹³ The IE will verify the RFP bid ranking procedure meet the requirements in WAC 480-107-035 (1)-(6).
- c. <u>Closing Report:</u> The closing report will provide the IE's detailed assessment of PacifiCorp's selection of the final short-list of bids, including all aspects of the solicitation process and the IE's involvement, observations, conclusions and recommendations. The reasons and basis for PacifiCorp's evaluation and selection process are to be fully detailed in the IE's closing report, including a) ranking benchmark and market bids, b) selecting and scoring benchmark and market bids, and c) rejecting benchmark and market bids. After reconciling rankings with the utility in accordance with WAC 480-107-035(3) the closing report must:¹⁴
 - a. Include an evaluation of the competitive bidding process in selecting the lowest reasonable cost acquisition or action to satisfy the identified resource need, including the adequacy of communication with stakeholders and bidders; and
 - b. Explain ranking differences and why the independent evaluator and the utility were or were not able to reconcile the differences.

The closing report will also include an analysis of whether or the extent to which:

- a. the resources selected minimize long-term costs for PacifiCorp's retail customers taking into consideration overall system costs and risks,
- b. the solicitation process was fair,
- c. screening factors and weights were applied consistently and comparably to all benchmark and market bids,
- d. credit and security requirements, liquidated damages provisions, resource performance and operational characteristics, warranties and other similar

¹³ See WAC 480-07-420(2)

¹⁴ WAC 480-107-023 (5) (g)

- requirements were appropriately applied to bid evaluation and appropriately affected the outcome of the solicitation process,
- e. all reasonably available data and information necessary for a potential bidder to submit a bid was provided,
- f. the IE was provided with or given access to all data, information and models relevant to the solicitation process to permit full and timely scoring, testing and verification of assumptions, models, inputs, outputs, and results,
- g. confidentiality claims and concerns between the IE and PacifiCorp were resolved in a manner that preserved confidentiality as necessary, yet permitted dissemination and consideration of all information reasonably necessary for the bidding process to be conducted fairly and thoroughly, and
- h. the evaluation was performed consistent with Commission-approved purchases of resources rules. 15

The closing report will also include an evaluation of the unique risks, burdens, and benefits of each bid. 16

B. OTHER ACTIVITIES

- 1. In consultation with Commission Staff, participate in additional meetings with parties, hosted by Staff, related to final short-list selection or any request for acknowledgment of the final short-list.
- 2. Participate in the pre-bid RFP conference and be available to discuss the IE role in the 2022AS RFP process. Participate in any additional pre-bid conferences.
- 3. Review and comment on PacifiCorp's screening process for bidder eligibility.
- 4. Participate in any Commission public meeting (if any) related to the Commission's consideration of RFP approval, based on the IE's assessment of the 2022AS RFP design.
- 5. Monitor all aspects of the solicitation process from the RFP issuance through the final shortlist of bids, including the following:
 - a. Opening and cataloging of benchmark and market bids including bid fees,
 - b. Bidder eligibility screening,
 - c. Communications between bidders and PacifiCorp before and after proposals are due,
 - d. Provide to the utility the independent evaluator's minutes of meetings and the full text of written communications between the independent evaluator and the utility and any third-party related to the independent evaluator's execution of its duties
 - e. Any requested bidder updates,
 - f. Any RFP amendments issued by PacifiCorp,
 - g. Evaluation and ranking of responses,
 - h. Selection of the initial shortlist bids,
 - i. Selection of the final shortlist of bids, and

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¹⁵ WAC 480-107

¹⁶ WAC 480-107-023 (5) (c)

- 6. Audit the evaluation process and validate the evaluation criteria, methods, models, and other solicitation processes have been applied as approved by the Commission and consistently and appropriately applied to all bids. Verify assumptions, inputs, outputs and results are appropriate and reasonable.¹⁷
- 7. Verify the basis for selection of the initial shortlist of bids.
 - a. Verify that the price score is calculated as appropriate for the product and technologies submitted in the bids. 18
 - b. Verify that the non-price score is based on resource characteristics identified in PacifiCorp's most recent acknowledged IRP Action Plan or IRP Update (e.g., resource term, type, development, operational characteristics, etc.) and materially conforming to the standard form contracts or term sheets attached to the RFP.
- 8. Verify the basis for selection of the final shortlist of bids.
 - a. Verify the impact of PacifiCorp Transmission's interconnection agreements or study reports setting forth the cost and timing of each project's interconnection service on the selection of the final shortlist from the initial shortlist.
 - b. Verify the results of modeling the effect of candidate resources on overall system costs and risks. 19
 - c. Verify that the portfolio modeling and decision criteria used to select the final shortlist of bids are consistent with the modeling and decision criteria²⁰ used to develop PacifiCorp's IRP Action Plan.
- 9. Advise PacifiCorp and Commission Staff of any issue that might reasonably be construed to affect the integrity of the solicitation process and provide PacifiCorp an opportunity to remedy the defect identified. Advise Commission Staff of significant changes or unresolved issues as they arise.
- 10. Independently score all of the benchmark and market bids to determine whether the selections for the initial and final shortlists are reasonable.
- 11. Evaluate the unique risks, burdens, and benefits of each bid consistent with PacifiCorp's Clean Energy Implementation Plan.
- 12. Independently evaluate the unique risks and advantages associated with a benchmark bid or a bid using the build-transfer structure as contemplated in this RFP, including the regulatory treatment of costs or benefits related to actual plant operation costs and performance differing from what was assessed in the RFP.
- 13. Compare the IE's and PacifiCorp's scoring and evaluation of the competing bids and attempt to reconcile and resolve any scoring differences.

¹⁷ WAC 480-107-023 (5) (e)

¹⁸ WAC 480-107-023 (5) (f)

¹⁹ WAC 480-107-023 (5) (f)

²⁰ WAC 480-107-035 (1)

- 14. Participate in Commission proceedings on acknowledgment of the final short-list of bids if PacifiCorp requests such acknowledgment. Participation would include oral comments at a Commission public meeting or hearing.
- 15. Participate in any additional meetings with parties on request.

III. MANDATORY MINIMUM QUALIFICATIONS

For this IE RFP, the IE must be independent of the utility and potential bidders. The following are minimum requirements that must be demonstrated by Bidders:

- 1. Bidder shall be experienced and competent to perform all IE functions identified in the purchases of resources rules
- 2. Bidder shall disclose all business conducted with PacifiCorp or its affiliates, past or present.
- 3. Bidder shall re-confirm, upon receipt of the 2022AS RFP bidder list, that the bidder has no conflict of interest with any of the bidders or their affiliates.
- 4. Bidder shall disclose any conflict, or potential conflict of interest, that might arise during the course of the project, including any potential bidders in PacifiCorp's 2022AS RFP.
- 5. Bidder shall demonstrate its experience and competence in assessment, evaluation and monitoring related to competitive bidding for electricity supplies including renewable and thermal resources and demand-side resources.
- 6. Bidder shall demonstrate its experience and competence in assessment and evaluation of storage technologies including operational dispatch of batteries as part of an electric utility's resource portfolio.

IV. PROPOSAL CONTENTS

Bidders must include the following in their proposal:

A. QUALIFICATIONS

The bidder shall provide all information deemed necessary to fully demonstrate the bidder's qualifications as required under Article III above.

B. BIDDER STAFF ORGANIZATION

Each proposal shall explain the bidder's staff organization and responsibility hierarchy of staff to be assigned to the 2022AS RFP. Please note the duration of the 2022AS RFP when developing organization and assignments. Such assignments and responsibilities shall be broken down and described by task. The bidder shall highlight illustrations of relevant prior experience on similar projects.

C. REQUIRED SUBMITTALS

Detailed response containing:

- Bidders must provide a cost proposal that includes all-inclusive fixed costs for each task in the detailed scope of work by pricing area, as specified in Attachment D – Bidder Pricing Proposal.
- 2. A complete narrative of the bidder's assessment of the work to be performed, the bidder's ability and approach, and the resources necessary to fulfill the requirements of this RFP. This should demonstrate the bidder's understanding of the IE's performance expectations. Clearly indicate any options or alternatives proposed.
- 3. A specific point-by-point response by task number (e.g., "A1"), in the order listed in the detailed scope of work, to each requirement in the RFP.

- 4. Bidder must provide experience with production costs models and an initial assessment and critique of PacifiCorp's scoring methods and computer models (Plexos) to be utilized with the 2022AS RFP as described in **Attachment C PacifiCorp's Proposed 2022AS RFP Bid Evaluation and Selection Process** specifically on its consistency with PacifiCorp's 2021 IRP modeling process and the Washington rules addressing the evaluation criteria.²¹ If selected, bidders will have further opportunity to provide additional detail under Scope of Work A.1.a Design of the RFP.
- 5. Qualification and expertise of staff proposed for this project.
- 6. Experience and competence in assessment, evaluation and monitoring related to competitive bidding for renewable and non-renewable resource supplies that may or may not include a BESS or energy storage. Bidder should document experience with assessing PPAs, BTAs, and tolling agreements. Such experience should include evaluating power supply alternatives including production cost modeling to evaluate cost and risk.
- 7. Experience and competence in assessment, evaluation and monitoring related to competitive bidding for demand-side resources including demand response and conservation and energy efficiency resources.
- 8. Experience and competence in assessment, evaluation and monitoring related to equity criteria such as workforce standards required by municipal and California utilities.
- 9. Experience and competence in assessment, evaluation and monitoring related to competitive bidding for supplies within the Western Electric Coordinating Council (WECC).
- 10. Demonstrated knowledge of existing or anticipated renewable portfolio standards within the WECC.
- 11. Experience evaluating a competitive bidding process that involves examination of interconnection studies issued in accordance with Open Access Transmission Tariff (OATT) interconnection processing rules common to vertically integrated utilities that are outside organized markets, and 'first-ready first-served" interconnection cluster study processing alternatives.²²
- 12. Work samples demonstrating such expertise and competence, including work samples demonstrating the bidder's willingness and ability to work independent of utilities and to rigorously review, evaluate, and critique utility RFPs for supply-side resources such as renewable or thermal energy resources including storage and also demand-side resources such as conservation and demand response.
- 13. Performance references for similar IE projects with other utilities.
- 14. Use of electronic platform for management of bid submittal, communication, and documentation of evaluation.
- 15. Bidders must declare any conflicts of interest by identifying any conflict, or potential conflict of interest that might arise during the course of the project.
- 16. Disclose any past, current or anticipated future relationship with or work for PacifiCorp or any affiliate, and any public utility regulatory agency in any of the states served by PacifiCorp. This disclosure should specify the date, nature and scope of any such relationship or work.

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²¹ See WAC 480-107-035(1), WAC 480-107-035(4), and WAC 280-107-045.

²² See PacifiCorp's Open Access Tariff Section 38.4.1.

D. COST PROPOSAL REQUIREMENTS

The information requested in this section will be used by the Commission Staff to evaluate the reasonableness of the overall project price quotation. The bidder must estimate the major cost categories and hours associated with each task.

As a minimum requirement, each proposal shall contain the following:

- 1. Personnel costs, itemized and broken down by:
 - a. personnel category (i.e. project manager etc.),
 - b. names of personnel in each category to be used,
 - c. estimated hours for each task,
 - d. rates per hour for each person, and
 - e. subtotal for personnel cost.
- 2. Itemized cost of materials, supplies and copies and a subtotal for these elements.
- 3. Fully itemized transportation and related costs to be used as needed, itemized and broken down by at least:
 - a. travel,
 - b. lodging,
 - c. meals and other costs, and
 - d. subtotal for transportation and related costs.

V. PROPOSAL REQUIREMENTS AND SUBMISSION

A. QUESTIONS

Interested parties and bidders may submit questions related to this solicitation, and PacifiCorp will respond in a timely fashion. All information, including pre-bid materials, questions, and PacifiCorp's response to questions, will be posted on the PacifiCorp website at www.pacificorp.com. Any questions on the IE RFP or related documents should be sent to Company via email at rfp_IE@pacificorp.com.

B. SUBMISSION OF BIDS

One (1) proposal with a digital signature submitted electronically to **rfp_IE@pacificorp.com**, must be submitted electronically and received to the email address below and received no later than **5:00 PM Pacific Prevailing Time on Thursday September 23, 2021**. Proposals received after this time and date will not be accepted and returned to the bidder.

Email: rfp_IE@pacificorp.com

VI. SCORING CRITERIA

From the information submitted in accordance with Article V, proposal contents, and client references, the evaluation committee (see Article VIII) will score proposals based upon the following:

A. ABILITY OF BIDDER TO PERFORM PROPOSED WORK (300 POINTS)

Maximum of three hundred (300) points. Demonstrated training, experience and ability of the bidder and its individual staff member(s) that will be assigned to the project to perform the proposed work, including, but without limitation:

- Understanding of the scope of work and deliverables, as shown by IE's description of the
 tasks in its deliverables, understanding of the functions to be performed, and experience
 evaluating another type of energy supply, renewable resource, demand-side resource RFP
 or other related experience within the WECC. (50 points)
- 2. Specific experience reviewing an RFP for renewable and non-renewable resources, including experience with evaluating benchmark and market bids. (100 points)
- 3. Experience evaluating storage options including batteries or other types. (100 points)
- 4. Experience evaluating equity criteria such as workforce requirements. (50 points)

B. ABILITY OF BIDDER TO PERFORM PROPOSED WORK (350 POINTS)

Maximum of three hundred and fifty (350) points. Demonstrated training, experience and ability of the bidder and its individual staff member(s) that will be assigned to the project to perform the proposed work, including, but without limitation:

- 1. Bidder's experience with utility applications of production cost modeling specific to renewable generating resources and demand-side bids as part of an RFP (100 points).
- 2. Bidder's experience with PacifiCorp's current OATT that covers its 'first-ready, first-served, cluster" interconnection study processing (100 points).
- 3. Initial assessment and critique of the scoring methods and computer models as described in Attachment C PacifiCorp's Proposed 2022AS RFP Bid Evaluation and Selection Process (150 points).

C. PRICE PROPOSAL (300 POINTS)

Maximum of three hundred (300) points. **Attachment D – Bidder Pricing Proposal** will be the basis for evaluation of Bidder's proposal on the cost of the project, the overall elements of that cost and the overall appropriateness of the cost in relation to the project as proposed.

- 1. The cost of the project, the overall elements of that cost. (150 points)
- 2. The overall appropriateness of the cost in relation to the project as proposed. (150 points)

D. CONFORMITY TO PROPOSED PROFESSIONAL SERVICES CONTRACT (50 POINTS)

Maximum of fifty (50 points). IE bidder to provide redline and comments to **Attachment E – Professional Services Contract.**

VII. PROCESS SELECTION

A. EVALUATION

 Initial Review: PacifiCorp will review all proposals to help ensure that all prescribed provisions and procedures have been met. Proposals that do not meet all prescribed mandatory qualifications, solicitation procedures and requirements may be rejected and eliminated from the selection process. Proposals meeting the prescribed solicitation procedures and requirements will be reviewed by PacifiCorp and graded against the scoring criteria which will then be summarized for Commission staff.

- Evaluation Process: After PacifiCorp has reviewed, graded and ranked proposals, PacifiCorp will meet with Commission staff to discuss the leading candidate for recommendation to the Commission.
- 3. <u>Scoring:</u> The entities or individuals submitting the highest scoring proposals shall be recommended to the Commission for its consideration.
- 4. <u>Recommendation to Commission</u>: Staff will issue a memo prior to the Commission public meeting, with its recommendation on the Company's application for approval of a Washington IE for PacifiCorp's 2022AS RFP.
- 5. <u>Commission's ultimate discretion in approving IE:</u> The Commission will consider Staff's recommendation and comments from PacifiCorp and non-bidding parties in selecting the IE, but the ultimate discretion to approve the Company's selection of an IE lies with the Commission. Upon the Commission granting the Company's petition for approval of its recommended IE, PacifiCorp will enter into a contract with the selected IE.

B. SELECTION NOTIFICATION

PacifiCorp will notify every bidder of its selection status.

VIII. CONTRACT INFORMATION

A. PROFESSIONAL SERVICES CONTRACT

- The selected bidder will be required to enter into a professional services contract with PacifiCorp based on the scope of work described herein and in a form substantially similar to the form attached to this RFP in **Attachment E**. Commission staff will review the draft PacifiCorp contract prior to execution to ensure that it conforms to this solicitation and the Commission's competitive bidding rules.
- 2. The State of Washington will not be a party to the resulting contract and will not be responsible for any conflicts that arise between PacifiCorp and the selected IE.

ATTACHMENT A

PACIFICORP'S PROPOSED 2022AS RFP TIMELINE

The table below contains PacifiCorp's proposed indicative 2022AS RFP schedule. *Dates are in 2022 and*

2023 are approximate and subject to change.

Milestone	Process	Date	Day of Week
2021 IRP filed	IRP	09/01/2021	Wednesday
Open OR RFP Docket - Notify Oregon parties of RFP			
and IE need	OR Docket	09/02/2021	Thursday
Notify Washing parties of RFP and IE need	WA Docket	09/02/2021	Thursday
File notice of RFP with UT Commission - IE need	UT Docket	09/02/2021	Thursday
Issue IE RFP for OR	OR Docket	09/03/2021	Friday
Issue IE RFP for WA	WA Docket	09/09/2021	Thursday
OR IE bids due	OR Docket	09/17/2021	Friday
WA IE bids due	WA Docket	09/23/2021	Thursday
WA Commission approval of IE and evaluation and			
scoring methodology	WA Docket	09/30/2021	Thursday
OR Commission public meeting approving IE	OR Docket	10/05/2021	Tuesday
Pre-issuance RFP bidder's conference Utah	UT Docket	10/05/2021	Tuesday
File notice to bidders on RFP schedule and timeline	UT Docket	10/05/2021	Tuesday
Oregon IE files comments on draft RFP	OR Docket	TBD	TBD
File <u>final</u> draft RFP with OR Commission	OR Docket	10/18/2021	Monday
File <u>final</u> draft RFP Application for UT	UT Docket	10/20/2021	Wednesday
File final draft RFP with WA Commission	WA Docket	10/22/2021	Friday
Oregon party comments on final draft RFP	OR Docket	10/25/2021	Monday
PacifiCorp reply comments on final draft RFP	OR Docket	11/02/2021	Tuesday
Oregon IE files report on final draft RFP	OR Docket	11/05/2021	Friday
Oregon Commission Staff files memo on RFP	OR Docket	11/19/2021	Friday
Oregon Party comments on Staff memo	OR Docket	12/03/2021	Friday
RFP Comments due from WA interested persons	WA Docket	12/06/2021	Monday
UT stakeholder party comments on RFP draft	UT Docket	12/04/2021	Saturday
WA Commission approval of RFP	WA Docket	01/06/2022	Thursday
UT IE comments on RFP due	UT Docket	12/14/2021	Tuesday
PacifiCorp comments on RFP due	UT Docket	12/29/2021	Wednesday
OR Commission Issues Written Decision Approving			
Final RFP	OR Docket	01/07/2022	Friday
UT Commission decision on RFP	UT Docket	01/07/2022	Friday
RFP Issued to market	2022 AS RFP	01/10/2022	Monday
IE joint discussion on models and assumptions	2022 AS RFP	01/11/2022	Tuesday
Provide models and assumptions to UT IE & DPU	UT Docket	01/11/2022	Tuesday
Provide models and assumptions to OR IE	OR Docket	01/11/2022	Tuesday

Provide models and assumptions to WA IE	WA Docket	01/11/2022	Tuesday
1st bidder's conference - Utah	UT Docket	01/13/2022	Thursday
All party / PacifiCorp's reply comments due for UT	UT Docket	01/12/2022	Wednesday
Notice of Intent to Bid due	2022 AS RFP	01/24/2022	Monday
Last day for RFP questions to IEs for Q&A	2022 AS RFP	02/07/2022	Monday
Benchmark bids due	2022 AS RFP	02/07/2022	Monday
RFP bids due	2022 AS RFP	02/15/2022	Tuesday
Benchmark bid evaluations complete	2022 AS RFP	02/21/2022	Monday
Bid eligibility screening completed	2022 AS RFP	02/28/2022	Monday
Post bid summary to public website	WA Docket	03/16/2022	Wednesday
OR IE files status report on bid scoring	OR Docket	03/10/2022	Monday
PacifiCorp OATT - Cluster Request Window opens	ON DOCKET	03/07/2022	Friday
Initial bid scoring/ranking completed - for inclusion	UATT	04/01/2022	Filuay
in IRP model analysis	2022 AS RFP	04/05/2022	Tuesday
IRP modeling generates ISL	2022 AS RFP	05/06/2022	Friday
	2022 AS RFP		,
IEs' review of ISL completed		05/12/2022	Thursday
PacifiCorp notifies bidders selected to ISL	2022 AS RFP	05/13/2022	Friday
ISL bidders notify Pac Trans to enter cluster study	2022 AS RFP	05/16/2022	Monday
PacifiCorp OATT - Cluster Request Window closes	OATT	05/16/2022	N.A. over elevis
(deadline)	OATT	05/16/2022	Monday
PacifiCorp OATT - Customer Engagement Window closes (deadline)	OATT	06/15/2022	Wednesday
	2022 AS RFP		
Capacity factor and BESS evaluation on ISL started		06/30/2022	Thursday
OPUC Special Public Meeting on sensitivities	OR Docket	07/14/2022	Thursday
Capacity factor and BESS evaluation on ISL completed	2022 AS RFP	10/18/2022	Tuesday
Cluster study results posted to OASIS / bidders	2022 AS III 1	10/10/2022	rucsuay
notified by Pac Trans	OATT	11/12/2022	Saturday
Pac Trans meetings with cluster study participants	OATT	11/22/2022	Tuesday
Bidders provide ISL price update including cluster	OATT	11/22/2022	racsaay
study results	2022 AS RFP	12/02/2022	Friday
Bidders provide resource production update	2022 AS RFP	12/02/2022	Friday
Submit updated bids to IRP modeling	2022 AS RFP	12/09/2022	Friday
IRP modeling generates Final Shortlist (FSL)	2022 AS RFP	01/06/2023	Friday
Final Shortlist (FSL) selected	2022 AS RFP	01/00/2023	Tuesday
IEs' review of FSL Completed	2022 AS RFP	01/10/2023	Tuesday
OR IE files status report on sensitivity analysis	OR Docket	01/17/2023	*
Final Shortlist filed with OR Commission for	OK DOCKET	01/15/2023	Thursday
acknowledgement	OR Docket	01/24/2023	Tuesday
Winning Bids filed with UT Commission	UT Docket	01/24/2023	Tuesday
	OR Docket	01/24/2023	•
OR IE Files RFP Closing Report			Tuesday
OR Party Comments on IE Closing Report	OR Docket	02/20/2023	Monday
OR Commission Public Meeting acknowledging FSL	OR Docket	03/23/2023	Thursday
OR Commission FSL Acknowledgement Order	OR Docket	03/27/2023	Monday

ATTACHMENT B

WASHINGTON ELECTRIC COMPANIES – PURCHASES OF RESOURCES RULES

[Provided as a separate attached document]

ATTACHMENT C

PACIFICORP'S PROPOSED 2022AS RFP BID EVALUATION AND SELECTION PROCESS

[Provided as a separate attached document]

ATTACHMENT C-1

2021 IRP Preferred Portfolio Incremental Resources

Year	MW	Туре	From	То	Description
2026	615	Wind	Within Willam	ette Valley OR	Enables 615 MW of interconnection: Albany, OR
2020 013 Willia		Transmission Area		area reinforcement	
2026	130	130 Wind	Portland North Coast	Willamette Valley	Enables 2080 MW of interconnection with 1950
					MW TTC. Portland Coast area reinforcement,
					Willamette Valley and Southern Oregon
2026	600	600 Solar plus storage Borah-Populous	Hemingway	Enables 600 MW interconnection with 600 MW	
				TTC: B2H Boardman-Hemingway	

ATTACHMENT D

BIDDER PRICING PROPOSAL

Washington Independent Evaluator for PacifiCorp's 2022AS Request for Proposal

Company:			
Address:			
Contact:			
Phone:			
Email:			
area. Pricing sh	all acco	I be defined into five (5) areas. Bidder shall provide fix ount for 40% of overall score for each proposal. NG SHALL BE FIXED AND PROPOSED IN TOTAL DOLLAR	
SCOPE OF WORK	<		
Area One (1):	RFP	Design	
	A.1.a A.1.b A.1.c	IE Assessment of PacifiCorp's RFP Design Review of initial draft RFP and stakeholder comments Assessment of final draft RFP filed with Commission Joint discussion with Oregon, Washington and Utah's independent evaluator	
Area Two (2):	Moi	nitoring and Validation of RFP Process	
	B.6	Monitor all aspects of solicitation process Monitor the solicitation process, discussions with bidders and conthrough any acknowledgement of the final shortlist. Audit and Validation	ntract negotiations
B.4, 7	, 10, 12	Audit and validation of RFP screening and evaluation process assumptions and modeling.	s including inputs,
	B.8	<u>Verification of RFP Initial Shortlist</u>	
	B.8.a	Verify that price score calculated appropriately for product methodology.	
	B.8.b	Verify that non-price score calculated appropriately per PacifiCol and bidder can reasonably self-calculate it non-price score.	rp's IRP Action Plan
	B.9	Verification of RFP Final Shortlist	

- B.9.a Verify the impact of PacifiCorp Transmission cluster-study on Final Shortlist selection
- B.9.b Verify modeling results of Final Shortlist modeling on overall system costs and risks
- B.9.c Verify that non-price score calculated appropriately per PacifiCorp's IRP Action Plan and that individual bidders can reasonably self-calculate its own non-price score.

Area Three (3): PacifiCorp RFP Bid Scoring

Pricing to be calculated based on quantity of bids received by PacifiCorp and that conform to RFP minimum eligibility requirements.

- B.11 Independently score market bids and benchmark resource bids, if any
- B.13 Compare IE and PacifiCorp scoring

Quantity of bids

Provide fixed pricing per submitted bid for each quantity of bids. Note: A submitted bid includes al bid alternatives, if any.

Up to One Hundred (100) Bids	
Over One Hundred Bids	

Area Four (4): Reporting and Presentations

- A.2 Reports to be prepared and provided to Commission
- A.2.a Final Draft RFP Assessment
- A.2.b Bid Scoring Report
- A.2.c Final Short List Sensitivity Analysis Report
- A.2.d Closing Report

Communication and Presentations

B.1, 2, 3, 5, 14, 15 Status Reports to Commission Staff and PacifiCorp. Participate in activities, confer with Commission Staff and PacifiCorp, and attend Commission meetings and present information as required.

ATTACHMENT E

DRAFT COPY PACIFICORP PROFESSIONAL SERVICES CONTRACT

Chapter 480-107 WAC ELECTRIC COMPANIES—PURCHASES OF RESOURCES

Last Update: 12/28/20

	Last Update: 12/28/20
WAC 480-107-001	Purpose and scope.
480-107-002 480-107-004	Exemptions from rules. Additional requirements.
480-107-006	Severability.
480-107-007 480-107-009	Definitions. Required all-source RFPs and conditions for targeted RFPs.
480-107-011	Applicability of rule sections.
480-107-015 480-107-017	Solicitation process for any RFP. RFP filing and approval.
480-107-021	Informational filing requirement.
480-107-023	Independent evaluator for repowering and bids from a utility or its subsidiary or affiliate.
480-107-024 480-107-025	Conditions for purchase of resources from a utility, utility subsidiary, or affiliate. Contents of RFP solicitations.
480-107-035	Bid ranking procedure.
480-107-045 480-107-065	Pricing and contracting procedures. Acquisition of conservation and efficiency resources.
480-107-075	Contract finalization.
480-107-115 480-107-125	System emergencies. Interconnection costs.
480-107-145	Filings—Investigations.
	DISPOSITION OF SECTIONS FORMERLY CODIFIED IN THIS CHAPTER
480-107-005	Definitions. [Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353.
	WSR 03-22-046 (Docket No. A-030832, General Order No. R-509), § 480-107-005, filed 10/29/03, effective 11/29/03. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR
	89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-005, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effec-
	tive 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
480-107-010	Filing requirements for prototype contracts. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-010, filed
	7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530),
480-107-020	filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160. Eligibility for long-run generating facility purchase rates. [Statutory Authority: RCW
	80.01.040. WSR 94-07-045 (Order R-409, Docket No. UE-931302), § 480-107-020, filed
	3/10/94, effective 4/10/94. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-020, filed 7/18/89.] Repealed
	by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
480-107-030	Eligibility for long-run conservation purchase rates. [Statutory Authority: RCW 80.01.040
	and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-030, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530),
	filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
480-107-135	Conditions for purchase of electrical power or savings from a utility, a utility's subsidiary or affiliate. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025
	(Docket No. UE-030423, General Order No. R-530), § 480-107-135, filed 3/28/06, effective
	4/28/06.] Repealed by WSR 21-02-023 (Docket UE-190837, General Order R-602), filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040, 80.04.160, and chapters
	80.28, 19.280, and 19.405 RCW.
480-107-040	Size of resource block. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-040, filed 7/18/89.] Repealed by WSR
	06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective
480-107-050	4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160. Avoided cost schedules. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order R-409,
100 107 000	Docket No. UE-931302), § 480-107-050, filed 3/10/94, effective 4/10/94. Statutory Author-
	ity: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-050, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Or-
	der No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
480-107-055	Schedules of estimated avoided cost. [Statutory Authority: RCW 80.01.040 and 80.04.160.
	WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-055, filed 3/28/06, effective 4/28/06.] Repealed by WSR 19-13-031 (Docket U-161024, General Order
	R-597), filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040, 80.04.160,
480-107-060	and 34.05.220. The solicitation process. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order
400-T01-000	R-409, Docket No. UE-931302), § 480-107-060, filed 3/10/94, effective 4/10/94. Statutory
	Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-060, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, Gen-
	eral Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW
480-107-070	80.01.040 and 80.04.160. Project ranking procedure [Statutory Authority: PCW 80.01.040 WSP 94-07-045 (Order

Project ranking procedure. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order R-409, Docket No. UE-931302), § 480-107-070, filed 3/10/94, effective 4/10/94. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-070, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, Gen-

480-107-070

- eral Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-080 Pricing and contracting procedures. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order R-409, Docket No. UE-931302), § 480-107-080, filed 3/10/94, effective 4/10/94. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-080, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-085 Obligations of generating facilities to the utility. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-085, filed 3/28/06, effective 4/28/06.] Repealed by WSR 19-13-031 (Docket U-161024, General Order R-597), filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220.
- 480-107-090 Security considerations. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-090, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-095 Obligations of the utility to qualifying facilities. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-095, filed 3/28/06, effective 4/28/06.] Repealed by WSR 19-13-031 (Docket U-161024, General Order R-597), filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220.
- 480-107-100 Contract finalization. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order R-409, Docket No. UE-931302), \$ 480-107-100, filed 3/10/94, effective 4/10/94. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), \$ 480-107-100, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-105 Rates for sales to qualifying facilities. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-105, filed 3/28/06, effective 4/28/06.] Repealed by WSR 19-13-031 (Docket U-161024, General Order R-597), filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220.
- 480-107-110 Obligations of generating facilities to electric utility. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), \$ 480-107-110, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-120 Obligations of electric utility to qualifying facilities. [Statutory Authority: RCW 80.01.040. WSR 94-07-045 (Order R-409, Docket No. UE-931302), § 480-107-120, filed 3/10/94, effective 4/10/94. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-120, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-130 Rates for sales to qualifying facilities. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-130, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- Conditions for purchase of electrical power or savings from a utility, a utility's subsidiary or affiliate. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), \$ 480-107-135, filed 3/28/06, effective 4/28/06.] Repealed by WSR 21-02-023 (Docket UE-190837, General Order R-602), filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW.
- 480-107-140 System emergencies. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-140, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-150 Interconnection costs. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-150, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- Special conditions for purchase of electrical power or savings from a utility subsidiary. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-160, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.
- 480-107-170 Filings—Investigations—Exceptions. [Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-170, filed 7/18/89.] Repealed by WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040 and 80.04.160.

- WAC 480-107-001 Purpose and scope. (1) The rules in this chapter establish the requirements for various utility solicitations and procurements, including provisions governing competitive solicitations, all-source RFPs, targeted RFPs, independent evaluators and system emergencies. The rules in this chapter do not establish the sole procedures a utility may use to acquire new resources. A utility may construct new resources, operate conservation and efficiency resource programs, purchase power through negotiated contracts, or take other action to satisfy the utility's public service obligations.
- (2) The commission will consider the information the utility obtained through its acquisition efforts when the commission evaluates the performance of the utility in rate and other proceedings.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-001, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220. WSR 19-13-031 (Docket U-161024, General Order R-597), § 480-107-001, filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-001, filed 3/28/06, effective 4/28/06. Statutory Authority: RCW 80.01.040, 80.04.160, 81.04.160, and 34.05.353. WSR 03-22-046 (Docket No. A-030832, General Order No. R-509), § 480-107-001, filed 10/29/03, effective 11/29/03. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 89-15-043 (Order R-304, Docket No. U-89-2814-R), § 480-107-001, filed 7/18/89.]

WAC 480-107-002 Exemptions from rules. Consistent with WAC 480-07-110, the commission may grant an exemption from the provisions of any rule in this chapter.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-002, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-002, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-004 Additional requirements. (1) These rules do not relieve any utility from any of its duties and obligations under the laws of the state of Washington.
- (2) The commission retains its authority to impose additional or different requirements on any utility in appropriate circumstances, consistent with the requirements of law.

[Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-004, filed 3/28/06, effective 4/28/06.]

WAC 480-107-006 Severability. If any provision of this chapter or its application to any person or circumstance is held invalid, the remainder of the chapter or the application of the provision to other persons or circumstances is not affected.

[Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-006, filed 3/28/06, effective 4/28/06.]

WAC 480-107-007 Definitions. "Affiliate" means a person or corporation that meets the definition of an "affiliated interest" in RCW 80.16.010.

"All-source RFP" means an RFP that solicits and accepts bids from any resource capable of meeting all or part of the resource need outlined in the utility's solicitation documents.

"Bid" means bidder's document containing a description of a project and other information responsive to the requirements set forth in an RFP. If a bid contains multiple projects, each individual project will be considered as a separate bid.

"Bidder" means an individual, association, corporation, or other legal entity that can enter into a power or conservation contract with the utility to fill a resource need or portion thereof.

"Commission" means the Washington utilities and transportation commission.

"Conservation and efficiency resources" has the same meaning as defined in WAC 480-100-605.

"Customer benefit indicator" has the same meaning as defined in WAC 480-100-605.

"Demand response" has the same meaning as defined in WAC 480-100-605.

"Equitable distribution" has the same meaning as defined in WAC 480-100-605.

"Highly impacted community" has the same meaning as defined in WAC 480-100-605.

"Independent evaluator" means a third party, not affiliated with the utility, that provides, at a minimum, evaluations as required in these rules.

"Independent power producers" means an entity other than a utility or its subsidiary or affiliate that develops or owns generating facilities or portions thereof that are not qualifying facilities as defined in WAC 480-106-007.

"Integrated resource plan" or "IRP" means the filing made by a utility in accordance with WAC 480-100-625.

"Lowest reasonable cost" has the same meaning as defined in WAC 480-100-605.

"Qualifying facilities" has the same meaning as defined in WAC 480-106-007.

"Renewable resource" has the same meaning as defined in WAC 480-100-605.

"Repowering" means a rebuild or refurbishment, including fuel source changes, of a utility-owned generator or generation facility that is required due to the generator or facility reaching the end of its useful life or useful reasonable economic life. The rebuild or refurbishment does not constitute repowering if it is part of routine major maintenance, existing hydroelectric licensing obligations, or the maintenance of or replacement of equipment that does not materially affect the expected physical or economical life of the generator or generation facility.

"Request for proposals" or "RFP" means the documents describing a utility's solicitation of bids for delivering a resource need.

"Resource" has the same meaning as defined in WAC 480-100-605.

"Resource need" has the same meaning as defined in WAC 480-100-605.

"Resource supplier" means a third-party supplier, utility or affiliate that provides electric power, equipment or services that serve a resource need.

"Subsidiary" means any company in which the utility owns directly or indirectly five percent or more of the voting securities, and that may enter a power or conservation contract with that electric utility. A company is not a subsidiary if the utility can demonstrate that it does not control that company.

"Targeted RFP" means an RFP that solicits and accepts bids for certain types or locations of resources (including, for example, demand response, conservation and efficiency resources) capable of meeting all or part of the utility's specific resource need.

"Utility" means an electrical company as defined by RCW 80.04.010.

"Vulnerable populations" has the same meaning as defined in WAC 480-100-605.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-007, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220. WSR 19-13-031 (Docket U-161024, General Order R-597), § 480-107-007, filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-007, filed 3/28/06, effective 4/28/06.]

WAC 480-107-009 Required all-source RFPs and conditions for targeted RFPs. (1) All-source RFP requirements. All-source RFPs must allow bids from different types of resources that may fill all or part of the characteristics or attributes of the resource need. Such resource types include, but are not limited to, unbundled renewable energy credits, conservation and efficiency resources, demand response or other distributed energy resources, energy storage, electricity from qualifying facilities, electricity from independent power producers, or other resources identified to contribute to an equitable distribution of energy and nonenergy benefits to vulnerable populations and highly impacted communities.

- (2) Required RFP. A utility must issue an all-source RFP if the IRP demonstrates that the utility has a resource need within four years. A utility may supplement its all-source RFP with one or more targeted RFPs issued at the same time. The required RFP and any supplemental RFPs are subject to commission approval.
- (3) Voluntary RFP. Whenever a utility chooses to issue an RFP to meet resource needs outside of the timing of its required RFP, it may issue an all-source RFP or a targeted RFP. Voluntary RFPs are not subject to commission approval.
- (4) Targeted RFP requirements. If the utility issues a targeted RFP in conjunction with an all-source RFP, it must fairly compare all resource options in its combined analysis.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-009, filed 12/28/20, effective 12/31/20.]

- WAC 480-107-011 Applicability of rule sections. (1) The required RFP issued pursuant to WAC 480-107-009(2) must comply with all sections of this chapter except WAC 480-107-021 requiring an informational filing.
- (2) A targeted RFP filed with a required RFP under WAC 480-107-009(2) must comply with all sections of this chapter except WAC 480-107-021 requiring an informational filing.
- (3) A voluntary RFP issued pursuant to WAC 480-107-009(3) must comply with all sections of this chapter except WAC 480-107-017 requiring commission approval.
- (4) For all other actions by the utility to acquire resources not included in WAC 480-107-009, the utility must comply with WAC 480-107-115.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-011, filed 12/28/20, effective 12/31/20.]

- WAC 480-107-015 Solicitation process for any RFP. (1) The provisions of this section apply to any RFP issued to fill a resource need. The commission strongly encourages a utility to consult with commission staff and other interested stakeholders during the development of an RFP and the associated evaluation rubric.
- (2) A utility must conduct outreach to potential bidders or resource suppliers, including nonprofit organizations and under-represented bidders such as minority-, women-, disabled-, and veteran-owned businesses, to encourage equitable participation in the bidding process. A utility must provide to all potential bidders equitable access to information relevant to responding to the utility's RFP including, but not limited to, accommodation required by the Americans with Disabilities Act's communications guidance.
- (3) A utility must post a copy of the RFP on the utility's public website and make best efforts to ensure the RFP is known to industry participants and potential bidders, such as by placing notices in relevant industry publications, including publications aimed at women-, minority-, disabled-, and veteran-owned businesses.
- (4) The utility must publish on its public website information about how interested persons can participate in or follow the utility's RFP process, including RFP approval, if required, and how to contact the commission's records center to be placed on relevant distribution lists for utility RFPs.
- (5) Prior to the expiration of the solicitation period specified in the RFP, the utility may allow the bid contents to be available to its employees and the independent evaluator, within the limitations established in WAC 480-107-024(3). Such availability must be solely for the purpose of tracking the receipt of bids and to prepare for, but not to begin, the evaluation phase of the RFP process.
- (6) A utility or its subsidiary or affiliate may participate in the utility's own RFP process as a bidder consistent with the requirements in WAC 480-107-023 and 480-107-024.
- (7) If demand response may meet some or all of the identified resource need, the utility must make a good faith effort to provide sufficiently detailed information that allows a bidder the opportunity to develop a demand response bid that includes, but is not limited to, stacked values of benefits and costs.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-015, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-015, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-017 RFP filing and approval. (1) For required and targeted RFPs under WAC 480-107-009(2), a utility must file the RFPs and accompanying documentation with the commission no later than one hundred twenty days after the utility files its final IRP.
- (2) The utility must provide information on its public website detailing the commission approval process required in subsection (1) of this section, including a link to the RFP filed with the commission, and a description of the subsequent public comment period and, if applicable, the independent evaluator selection and commission approval process.
- (3) Within forty-five days after the utility files an RFP, interested persons may submit written comments to the commission on the RFP.
- (4) The commission will approve, approve with conditions, or suspend the filed RFP, including the procedures and criteria the utility will use to evaluate and rank bids in accordance with WAC 480-107-035, within seventy-five days after the utility files its RFP.
- (5) A utility must solicit bids for a resource need within thirty days of a commission order approving an RFP unless the commission establishes a different deadline.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-017, filed 12/28/20, effective 12/31/20.]

WAC 480-107-021 Informational filing requirement. (1) A utility must file any voluntary RFP allowed under WAC 480-107-009(3) and accompanying documentation thirty days prior to accepting bids.

(2) If the utility must retain an independent evaluator under WAC 480-107-023, the utility must publish, on its public website, information explaining its independent evaluator selection process and commission approval process, including how interested persons can participate in the approval process.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-021, filed 12/28/20, effective 12/31/20.]

- WAC 480-107-023 Independent evaluator for repowering and bids from a utility or its subsidiary or affiliate. (1) A utility must engage the services of an independent evaluator to assess and report on the solicitation process if:
- (a) The utility or its subsidiary or affiliate participates in the utility's RFP bidding process;

- (b) The utility intends to retain the option to procure resources that will result in the utility owning or having a purchase option in the resource over its expected useful life; or
- (c) The utility is considering repowering its existing resources to meet its resource need.
- (2) After consulting with commission staff and stakeholders, the utility may issue a solicitation for an independent evaluator and must recommend an independent evaluator for approval by the commission.
- (3) The independent evaluator will contract with, and be paid by, the utility. The utility will also manage the contract terms with the independent evaluator.
- (4) The utility must provide the independent evaluator with all data and information necessary to perform a thorough examination of the bidding process and responsive bids.
 - (5) The independent evaluator will, at a minimum:
- (a) Ensure that the RFP process is conducted fairly, transparently, and properly;
 - (b) Participate in the design of the RFP;
 - (c) Evaluate the unique risks, burdens, and benefits of each bid;
- (d) Provide to the utility the independent evaluator's minutes of meetings and the full text of written communications between the independent evaluator and the utility and any third-party related to the independent evaluator's execution of its duties;
- (e) Verify that the utility's inputs and assumptions, including capacity factors and capital costs, are reasonable;
- (f) Assess whether the utility's process of scoring the bids and selection of the initial and final shortlists is reasonable;
- (g) Prepare a final report to the commission after reconciling rankings with the utility in accordance with WAC 480-107-035(3) that must:
- (i) Include an evaluation of the competitive bidding process in selecting the lowest reasonable cost acquisition or action to satisfy the identified resource need, including the adequacy of communication with stakeholders and bidders; and
- (ii) Explain ranking differences and why the independent evaluator and the utility were or were not able to reconcile the differences.
- (6) The commission may request that additional analysis be included in the final report.
- (7) Interested persons may file comments on the final report filed with the commission, including concerns about routine processes, such as administrative corrections or recommending removal of bids that do not comply with the minimum criteria identified in the RFP, but no stakeholder, including the utility or commission staff, shall have any editorial review or control over the independent evaluator's final report.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-023, filed 12/28/20, effective 12/31/20.]

WAC 480-107-024 Conditions for purchase of resources from a utility, utility subsidiary, or affiliate. (1) A utility or its subsidiary or affiliate may participate in the utility's RFP bidding process, and the utility may accept bids that will result in the utility owning or having a purchase option in the resource over its expec-

ted useful life. The utility may also consider repowering its existing resources to meet its resource need. If any one of these circumstances is expected to occur:

- (a) The RFP solicitation and bidding process will be subject to the requirement for a utility to retain an independent evaluator to ensure that no unfair advantage occurs; and
- (b) The utility must include statements regarding whether such circumstances exist:
 - (i) In its RFP;
 - (ii) In the transmittal letter accompanying the RFP filing; and
 - (iii) In the notice required by WAC 480-107-015(3).
- (2) If the utility is considering repowering a resource to meet a resource need, the utility must submit its repowering project as a bid during the RFP process.
- (3) A utility and its independent evaluator may not disclose the contents or results of an RFP or competing bids to personnel involved in developing the utility's bid, or to any subsidiary or affiliate prior to making such information public. The utility must include in the RFP the methods the utility used, and will use, to ensure that it or its independent evaluator did not, and will not, improperly disclose that information.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-024, filed 12/28/20, effective 12/31/20.]

- WAC 480-107-025 Contents of RFP solicitations. (1) An RFP must define the resource need, including specific attributes or characteristics the utility is soliciting, such as the amount and duration of power, time and locational attributes, operational attributes, the type of technology or fuel source necessary to meet a compliance requirement, and any additional information necessary for potential bidders to make a complete bid, including a copy or link to the complete assessment of avoided costs identified in WAC 480-100-615(12).
- (2) The RFP must request information identifying energy and nonenergy benefits or burdens to highly impacted communities and vulnerable populations, short-term and long-term public health impacts, environmental impacts, resiliency and energy security impacts, or other information that may be relevant to identifying the costs and benefits of each bid, such as a bidder's past performance utilizing diverse businesses and a bidder's intent to comply with the labor standards in RCW 82.08.962 and 82.12.962. After the commission has approved the utility's first clean energy implementation plan (CEIP), requested information must contain, at a minimum, information related to indicators approved in the utility's most recent CEIP, including customer benefit indicators, as well as descriptions of all indicators.
- (3) The RFP must document that the size and operational attributes of the resource need requested are consistent with the range of estimated new resource needs identified in the utility's IRP.
- (4) The RFP must explain the specific ranking procedures and assumptions that the utility will use in accordance with WAC 480-107-035. The RFP must include a sample evaluation rubric that quantifies, where possible, the weight the utility will give each criterion during the bid ranking procedure, and provides a detailed explanation of the aspects of each criterion that would result in the bid receiving higher priority.

- (5) The RFP must specify a detailed timeline for each stage of the RFP process including solicitation, ranking, and selection, as well as the utility's schedule of planned informational activities and contact information for the RFP.
- (6) The RFP must generally identify any utility-owned assets, including merchant-side assets that the utility has available, for the purpose of receiving bids that assist the utility in meeting its resource need at the lowest reasonable cost. The utility must make reasonable efforts to provide bidders with necessary technical details they request and to allow bidders to design their bids for use in conjunction with utility-owned assets.
- (7) The RFP must identify any minimum bidder requirements, including for financial security requirements and the rationale for such requirements, such as proof of a bidder's industry experience and capabilities.
- (8) The RFP must include standard form contracts to be used in acquisition of resources.
- (9) All RFPs must discuss the impact of any applicable multistate regulation on RFP development including the requirements imposed by other states for the RFP process.
- (10) All RFPs must clearly state the scope of the solicitation and the types of bids that the utility will accept consistent with WAC 480-107-024.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-025, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040, 80.04.160, and 34.05.220. WSR 19-13-031 (Docket U-161024, General Order R-597), § 480-107-025, filed 6/12/19, effective 7/13/19. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-025, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-035 Bid ranking procedure. (1) At a minimum, a utility's RFP ranking criteria must recognize resource cost, marketvolatility risks, demand-side resource uncertainties and benefits, resource dispatchability, resource effect on system operation, credit and financial risks to the utility, the risks imposed on ratepayers, public policies regarding resource preference, and Washington state or federal government requirements. The ranking criteria must recognize differences in relative amounts of risk and benefit inherent among different technologies, fuel sources, financing arrangements, and contract provisions, including risks and benefits to vulnerable populations and highly impacted communities. The ranking criteria must also be consistent with the avoided cost methodology developed in the IRP the utility uses to support its determination of its resource need. The utility must consider the value of any additional net benefits that are not directly related to the specific need requested.
- (2) In choosing to remove a bid during any stage of its evaluation process, the utility may not base its decision solely on the project's ability to only meet a portion of the resource need.
- (3) The utility may not discriminate based on a bidder's owner-ship structure in the ranking process.
- (4) The utility and any independent evaluator selected by the utility will each score and rank the qualifying bids using the RFP's ranking criteria and methodology. If bids include unexpected content,

the utility may modify the ranking criteria but must notify all bidders of the change, describe the change, and provide an opportunity for bidders to modify their bids.

- (5) Within thirty days after the close of the bidding period, the utility must post on its public website a summary of each bid the utility has received. Where use of confidential data prohibits the utility from identifying specifics of a bid, a generic but complete description is sufficient.
- (6) The utility may reject any bids that do not comply with the minimum requirements of the RFP or identify the costs of complying with environmental, public health, or other laws, rules, and regulations in effect at the time of the bid.
- (7) Within thirty days after executing an agreement for acquisition of a resource, the utility must file the executed agreement and supporting documents with the commission.
- (8) The commission may review any acquisitions resulting from the RFP process in the utility's general rate case or other cost recovery proceeding.
- (9) The commission will review, as appropriate, a utility's finding that no proposal adequately serves ratepayers' interests, together with evidence filed in support of any acquisition made outside of the RFP process, in the utility's general rate case or other cost recovery proceeding.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-035, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-035, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-045 Pricing and contracting procedures. (1) Once bids are ranked in accordance with WAC 480-107-035, the utility must determine which bids best meet the selection criteria and produce the relevant attributes required in that portion of the resource need to which the bid is directed.
- (2) The bid's price, pricing structure, and terms are subject to negotiation.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-045, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-045, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-065 Acquisition of conservation and efficiency resources. (1) A conservation and efficiency resource supplier may participate in the bidding process for any resource need. A utility or its subsidiary or affiliate may participate as a conservation resource supplier subject to the conditions described in WAC 480-107-024.
- (2) All conservation and efficiency measures within a bid must produce savings that can be reliably measured or estimated with accepted engineering, statistical, or meter-based methods.

- (3) A utility must acquire conservation and efficiency resources through a competitive procurement process as described in this rule unless the utility is implementing a competitive procurement framework for conservation and efficiency resources as approved by the commission.
- (a) As part of that process, a utility may develop, and update each biennium, a competitive procurement framework for conservation and efficiency resources in consultation with its conservation advisory group, as described in WAC 480-109-110. The utility may file its first competitive procurement framework for conservation and efficiency resources with the utility's 2022-2023 biennial conservation plan.
- (b) The competitive procurement framework for conservation and efficiency resources must:
- (i) Define the specific criteria that the utility will use to determine the frequency of competitive bidding for conservation and efficiency resource programs, in whole or part;
- (ii) Address appropriate public participation, outreach, and communication of evaluation and selection criteria;
- (iii) Enhance or, at minimum, not interfere with the adaptive management of programs;
 - (iv) Include documentation of support by the advisory group; and
- (v) Be filed as an appendix to the utility's biennial conservation plan, as described in WAC 480-109-120.
- (c) The competitive procurement framework for conservation and efficiency resources may:
- (i) Exempt particular programs from competitive procurement, such as low-income, market transformation, or self-directed programs; and
 - (ii) Consider if and when to use an independent evaluator.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-065, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-065, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-075 Contract finalization. (1) Unless otherwise prohibited by law, a utility may decide whether to enter into a final contract with any bidder that meets the selection criteria of the RFP. Any such bidder may petition the commission to review a utility's decision not to enter into a final contract.
- (2) Any bidder and utility may negotiate changes to the selected bid, subject to any limitation established in the RFP, for the purpose of finalizing a particular contract consistent with the provisions of this chapter.
- (3) Any contract signed by the utility to fill a resource need as a result of an RFP process must require the firm awarded the contract to track and report to the utility its use of diverse businesses including, but not limited to, women-, minority-, disabled-, and veteran-owned businesses, and to track and report to the utility the firm's application of the labor standards in RCW 82.08.962 and 82.12.962.
- (4) If a bidder makes material changes to its bid after bid ranking, including material price changes, the utility must suspend contract finalization with that bidder, and the utility and any independent evaluator must rerank bids according to the revised bid. If the material changes cause the revised bid to rank lower than bids the

utility has not originally selected, the utility must instead pursue contract finalization with the next highest ranked bid.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-075, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-075, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-115 System emergencies. (1) A generating facility entering into a power contract must provide energy or capacity to a utility during a system emergency only to the extent:
- (a) Provided by agreement between such generating facility and utility; or
 - (b) Ordered under section 202(c) of the Federal Power Act.
- (2) During any system emergency, a utility may discontinue or curtail:
- (a) Purchases from a generating facility if such purchases would contribute to such emergency; and
- (b) Sales to a generating facility, if such discontinuance or curtailment:
 - (i) Does not discriminate against a generating facility; and
- (ii) Takes into account the degree to which purchases from the generating facility would offset the need to discontinue or curtail sales to the generating facility.
- (3) System emergencies resulting in utility action under this chapter are subject to verification by the commission upon request by either party to the power contract.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-115, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-115, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-125 Interconnection costs. (1) Any costs of interconnection are the responsibility of the owner or operator of the generating facility entering into a power contract under this chapter. The utility must assess all reasonable interconnection and necessary system or network upgrade costs the utility incurs against a generating facility on a nondiscriminatory basis.
- (2) The owner or operator of the generating facility must reimburse the utility for any reasonable interconnection costs the utility may incur. Such reimbursement shall be made, at the utility's election:
- (a) At the time the utility invoices the owner or operator of the generating facility for interconnection costs incurred by the utility; or
- (b) Over an agreed period of time not greater than the length of any contract between the utility and the generating facility.

[Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-125, filed 3/28/06, effective 4/28/06.]

- WAC 480-107-145 Filings—Investigations. (1) The commission retains the right to examine bids as originally submitted to the utility by bidders. The utility must keep all documents supplied by bidders or on their behalf, and all documents created by the utility relating to each bid, including materials provided to the utility by an independent evaluator, for the later of seven years from the close of the bidding process, or the conclusion of the utility's general rate case in which the commission reviewed the fully-developed project for prudence, including any time period allowed for reconsideration or appeal.
- (2) The utility must file with the commission within ninety days of the conclusion of any RFP process, a summary report of responses including, at a minimum:
- (a) Specific reasons for rejecting any bid under WAC 480-107-035(6);
 - (b) The number of bids received, categorized by technology type;
- (c) The size of the bids received, categorized by technology type;
- (d) The median and average bid price, categorized by technology type and sufficiently general to limit the need for confidential designation whenever possible;
- (e) The number of bids received by location, including locations designated as highly impacted communities;
- (f) The number of bids received and accepted by bidder type, including women-, minority-, disabled-, or veteran-owned businesses;
- (g) The number of bids received, categorized by ownership structures; and
- (h) The number of bids complying with the labor standards identified in RCW 82.08.962 and 82.12.962.

[Statutory Authority: RCW 80.01.040, 80.04.160, and chapters 80.28, 19.280, and 19.405 RCW. WSR 21-02-023 (Docket UE-190837, General Order R-602), § 480-107-145, filed 12/28/20, effective 12/31/20. Statutory Authority: RCW 80.01.040 and 80.04.160. WSR 06-08-025 (Docket No. UE-030423, General Order No. R-530), § 480-107-145, filed 3/28/06, effective 4/28/06.1

Attachment C

WASHINGTON INDEPENDENT EVALUATOR (IE) FOR

PACIFICORP'S 2022 ALL-SOURCE REQUEST FOR PROPOSALS

PROPOSED BID EVALUATION AND SELECTION PROCESS

OVERVIEW OF THE EVALUATION PROCESS

PacifiCorp's bid evaluation and selection process is designed to identify the combination and amount of new resources that will maximize customer benefits through the selection of bids that will satisfy projected capacity and energy needs while maintaining reliability. The same method will be used to evaluate benchmark resources and market bids. Based on proxy resource cost assumptions used in the 2021 IRP, energy and capacity needs were best satisfied by the resource selections summarized in **Table 3**. The models that PacifiCorp will use to evaluate and select the best combination and amount of bids are similar to models that were used to evaluate proxy resources in PacifiCorp's 2021 IRP. PacifiCorp uses the IRP modeling tools to serve as decision support tools that can be used to guide prudent resource acquisition paths that maintain system reliability at a reasonable cost.

The bid evaluation process incorporates PacifiCorp Transmission's interconnection cluster study process steps. At a high level, the 2022AS RFP evaluation process involves three phases:

- 1. Initial shortlist
- 2. Interconnection cluster study, and
- 3. Final shortlist

The 2022AS RFP evaluation process is shown in Figure 1 and Figure 2.

Figure 1. Bid Evaluation and Selection Process – Generation and Storage Resources

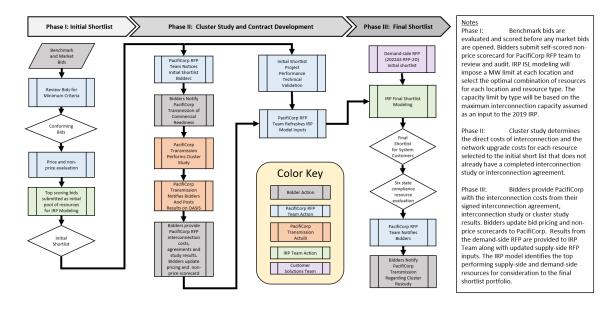
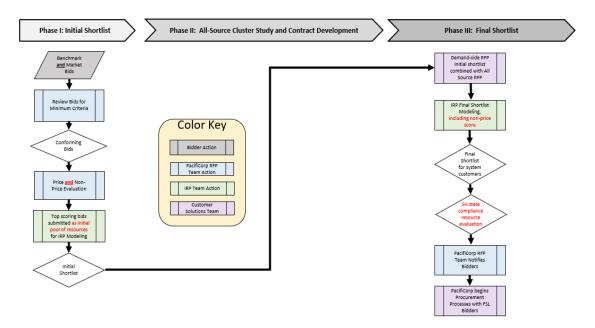


Figure 2. Bid Evaluation and Selection Process - Demand-side Resources



A. PHASE I – INITIAL SHORTLIST

Phase I of the bid evaluation and selection process includes the due diligence, evaluation and ranking steps leading up to selection of the initial shortlist: i) bid eligibility screening to ensure conformance with the minimum requirements (Section 3.I); ii) price and non-price scoring to rank bids for inclusion in IRP portfolio optimization models; and iii) IRP modeling used to select the lowest cost bids for inclusion to the initial shortlist. During this phase of the bid evaluation process, PacifiCorp will not ask for, or accept, updated pricing or updates to any other bid components. PacifiCorp will rely on the pricing and other inputs as submitted into the 2022AS RFP for each benchmark and market resource to evaluate and rank bids. However, PacifiCorp will contact bidders to confirm and clarify information presented in each proposal. The pricing model will be made available to the IE, but not to bidders or stakeholders.

1. Conformance to Minimum Requirements

Benchmark and market bids will initially be screened after receipt against minimum requirements to determine RFP conformance and eligibility. After IE review and consultation, non-conforming bids will be notified to correct their bid within two (2) business days or be removed from the RFP. Consistent with OR 860-089-0400 (2), non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

2. Price and Non-Price Scoring and Ranking

After PacifiCorp has screened for eligibility, conforming bids will be evaluated and given price and non-price scores. Each benchmark resource and market bid will be ranked based on the sum of their price and non-price bid score. A maximum of 75 points are allocated to price scoring and a maximum of 25 points for non-price scoring for a total maximum score of 100 points. Bids are then ranked, and the top performing bids are chosen to be the initial pool of resources to be considered as alternatives by the IRP model in selecting the initial shortlist.

Table 2. Scoring to Determine Initial Pool of Resources for IRP Modeling

		Maximum Score
1.	Price	75 points
2.	Non-price score	25 points

Price scores are determined using PacifiCorp's proprietary pricing models. Non-price scores are determined using a non-proprietary tool. Developers will be asked to grade themselves as part of their bid package, which PacifiCorp will audit before determining a final non-price score for each bid. More detail on the price and non-price score methodology is provided below.

The sum of the price and non-price scores will be ranked and compared against bids in similar geographic regions of PacifiCorp's territory. The 2021 IRP preferred portfolio selected cost-effective resources in three areas of PacifiCorp's territory where transmission upgrades prior to the 2026 COD deadline enabled additional resources to interconnect to PacifiCorp's transmission system and be transmitted to load (Table P.2). PacifiCorp may also consider a to-be-determined amount of new generating resources (including battery storage) in other geographic regions not specified in the 2021 IRP action plan but subject to the results of PacifiCorp Transmission's 2022 cluster study.

Table 3 – PacifiCorp preferred portfolio transmission selections

Year	MW	Туре	From	То	Description
2026	615	Wind	Within Willam	ette Valley OR	Enables 615 MW of interconnection: Albany, OR
2020	013	vviiiu	Transmis	sion Area	area reinforcement
2026	26 130 Wind		Portland North		Enables 2080 MW of interconnection with 1950
		Coast	Willamette Valley	MW TTC. Portland Coast area reinforcement,	
			Coast		Willamette Valley and Southern Oregon
Solar plus		Homingway	Enables 600 MW interconnection with 600 MW		
2026	600	storage	Borah-Populous	Hemingway	TTC: B2H Boardman-Hemingway

^{1 -} TTC = total transfer capability. The scope and cost of transmission upgrades are planning estimates. Actual scope and costs will vary depending upon the interconnection queue, the transmission service queue, the specific location of any given generating resource and the type of equipment proposed for any given generating resource.

For the purposes of selecting a pool of resources to be considered by the IRP model for the initial shortlist, PacifiCorp will rank the sum of price and non-price score for each resource type in each geographic region. For the locations listed in Table P.2, PacifiCorp will choose up to 150% of the MW capacity selected in the preferred portfolio for the IRP model to choose from in the initial shortlist process. For all other regions not represented in the preferred portfolio, PacifiCorp will choose up to a to-be-determined amount of installed MW bids in other geographic areas of PacifiCorp system to be included in the pool of resources from which the IRP model may select the initial shortlist.

If PacifiCorp determines that there is a distinct change in bid scores at a level of capacity that falls short or exceeds this capacity limit, the company will coordinate with the IE to establish a limit by resource type that could either fall below or exceed the capacity for any given location.

• Price Score (up to 75 points). PacifiCorp's proprietary price scoring model will calculate the delivered revenue requirement cost of each bid, inclusive of any applicable carrying cost and net of tax credit benefits, as applicable. In developing the revenue requirement cost for each bid, PacifiCorp requires certain cost data as inputs to the price score model. Table 4 contains a summary of the cost / benefit components included in PacifiCorp's analysis by bid structure.

Component	PPA Option	BTA Option	Toll Option
Initial Capital Revenue Requirements (net of ITC, if solar)	-	(X)	-
Ongoing Capital Revenue Requirements	-	(X)	-
PTC Benefit (if wind)	-	Z	-
Terminal Value	-	Z	-
O&M, Lease/Royalty, Insurance	-	(X)	-
Property Taxes	-	(X)	-
State Generation Tax (if Wyoming or Montana)	-	(X)	-
Network Upgrade Revenue Requirements	(X)	(X)	(X)
Transmission Wheeling and Losses (if off-system)	(X)	(X)	(X)
PPA Price	(X)	-	-
Storage Costs	(X)	(X)	(X)
Energy Arbitrage and Operating Reserve Storage Value ¹	Z	Z	Z
Generation Energy Value (net of balancing area reserve obligation)	Z	Z	-
Integration Cost	(X)	(X)	(X)

Z	Benefit
(X)	Cost

Any internal assumptions for key financial inputs (*i.e.*, inflation, discount rates, marginal tax rates, asset lives, AFUDC rates, *etc.*) and PacifiCorp carrying costs (*i.e.*, integration costs, owner's costs, *etc.*) will be applied consistently to all bids, as applicable. PacifiCorp anticipates that it will receive some bids which have an executed LGIA and other bids which will not yet have been studied by PacifiCorp Transmission. To ensure there is a fair comparison among bids, bidders shall not include the cost for any direct assigned interconnection costs in their bids, and PacifiCorp will not include

¹ Energy Arbitrage and Operating Reserve Storage Value are only calculated for PPA and BTA bids include a dispatchable (e.g. battery storage) component.

the cost of transmission network upgrades associated with the proposed project in the initial shortlist price evaluation. As described in greater detail below, at the conclusion of the cluster study phase, as part of updating bid pricing, bidders will add interconnection costs to their refreshed prices for final shortlist evaluation.²

PacifiCorp's proprietary price scoring model scores each bid based on its net benefit to the system. The model uses system-value curves, which are developed and locked down with the IE in advance of receiving bids. The system-value curves are developed by the IRP Team using Plexos, which calculates the hourly marginal system energy value of a flat energy profile and the hourly marginal operating reserve value of a flat operating reserve profile, for each location in PacifiCorp's territory. The proprietary model also incorporates regional reserve values (PACE and PACW) provided by the IRP team.

Then, it calculates an inflation-adjusted real-levelized net cost or net benefit expressed in "\$/MWh" for each bid. Finally, each bid's nominal net benefit is force ranked to determine the bid's price score. For each technology (resource type) in each transmission cluster bubble location, a maximum score of 75 points is assigned to the bid with the highest calculated net benefit and a minimum of zero (0) points to the evaluated bid with the lowest calculated net benefit. The remaining bids of that same technology³ and location are scored on a 0-to-75 point scale according to their relative relationship (respective net benefits) to those of the highest and lowest performing bids.

• Non-Price Score (Up To 25 points). The non-price evaluation rubric is included in Appendix L – Non-Price Scoring Matrix. For each non-price factor, proposals will be assigned a one or a zero. PacifiCorp's non-price scoring model evaluates whether bids are thorough and comprehensive, whether the proposed resource is viable, and whether the bidder is likely to achieve commercial operation by December 31, 2026 or the proposed COD. The non-price rubric is designed to be objective, intuitive, and self-scoring. As a bid requirement, bidders are required to score themselves based on the completeness of RFP bid requirements, the ability to contract with the project, and the maturity of the project and ability to deliver the project by the commercial operation deadline.

Table 5. Non-Price Factor Weighting

<u> </u>	
	Maximum Non-
Non-Price Factor	Price Factor Points
Bid Submittal Completeness	5 points
2. Contracting Progress and Viability	5 points
3. Project Readiness and Deliverability	15 points

The first section of non-price scoring model is similar to a check list and grades bids based on completion of bid requirements such as providing complete, thorough and consistent responses. The second section grades bidders based on the ability to contract the resource bid. The third section of the non-price scoring model assesses each bid's development status and viability. Points are earned based on degree of site control, permit attained,

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² We will not accept price increases (exclusive of direct assigned and network upgrade costs) greater than ten percent above original bid.

³ Technology means.... Generating facilities inclusive of batteries are considered different technology from facilities that only have the generating facility and no battery storage option.

⁴ OAR 860-089-400-2(b).

completed equipment sourcing strategy and other operational characteristics such as dispatchability and having a reasonable construction schedule.

In compliance with OR 860-089-0400 (2), non-price factors have been converted to price factors where practicable. Non-price scores primarily relate to resource characteristics identified in the electric company's most recent acknowledged IRP Action Plan and reflect standard form contracts. Non-price scoring criteria is objective and reasonably subject to self-scoring analysis by bidders. Finally, non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

All resources are required to complete the equity questionnaire in **Appendix P – Equity Questionnaire**. When considering California-located resources and resources allocated to Washington customers, PacifiCorp has a preference for projects that provide environmental and economic benefits to disadvantaged communities. For resources located in California, PacifiCorp has a supplier diversity target of 23% women-owned, minority-owned, disabled veteran-owned and LGBT-owned business enterprises and we encourage the bidder to register with California's supplier clearing house. When considering resources to be allocated to Washington customers, **Appendix P – Equity Questionnaire** responses will be used in Phase III of the evaluation process to measure Washington community benefit indicators as part of Washington's CETA. Oregon-located resources should be able to demonstrate their ability to meet the requirements of HB2021, including but not limited to apprenticeship and workforce requirements.

• Final Ranking (up to 100 points) to determine the Initial Resource Pool to be evaluated using the IRP models. PacifiCorp will use the combined price and non-price results to rank each benchmark resource and market bid. Based on these rankings, PacifiCorp will identify an initial pool of resources by location and resource type based on the total bid score (maximum at 100 points, with a maximum of 75 points for price and a maximum of 25 points for non-price factors). This initial pool of resources will be made available as resource alternatives for IRP modeling.⁵

When considering tiebreakers for inclusion in the initial pool of resources to be evaluated by the IRP model and considered for the initial shortlist, PacifiCorp will give preference to renewable energy projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases when ranking projects.⁶

3. IRP Modeling and Selection of the Initial Shortlist

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⁵ Note, in instances where bidders offer a bid alternative for the same resource type in the same location, only the highest scoring bid alternative for that location and resource type will be included in the initial pool of resources.

⁶ Pub. Util. Code § 399.13(a)(5)(7)(A) requires the following: "In soliciting and procuring renewable energy resources for California based projects, each electrical corporation shall give preference to renewable projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants and greenhouse gas emissions."

Following the Price and Non-Price Scoring, PacifiCorp will submit the initial pool of resources to the IRP team to select resources for the initial shortlist. The IRP team will evaluate the initial pool of resources using Plexos, the same production cost models used in the 2021 IRP. PacifiCorp will first process bid costs for IRP modeling; consistent with the treatment of capital revenue requirement in PacifiCorp's IRP modeling, PacifiCorp will convert any calculated revenue requirement associated with capital costs, as applicable (i.e., return on investment, return of investment, and taxes, net of tax credits, as applicable) to first-year-real-levelized costs. All other benchmark resource and market bid costs will be summarized in nominal dollars and formatted for input into to the IRP models, consistent with the treatment of non-capital revenue requirement in PacifiCorp's IRP modeling. Projected renewable resource performance data (expected hourly capacity factor information) will also be processed for input into the IRP models. The IRP production cost models will then select the optimized portfolio of resources.

The IRP modeling tools will select the least cost resource types by location based on bid cost and performance data. PacifiCorp's initial shortlist may also include high-scoring bids in excess of the identified capacity limits if those projects have completed interconnection studies and will not be participating in PacifiCorp Transmission's interconnection cluster study process commencing in May 2022.

PacifiCorp will not make any of the IRP evaluation models available to the IE, bidders, or stakeholders. However, PacifiCorp will summarize for the IE how the IRP evaluation models function, and the IE will be provided with the inputs and outputs of all IRP models used during the evaluation process.

4. Initial Shortlist Notification by PacifiCorp

PacifiCorp will notify bidders that were selected to the initial shortlist in Phase I.

5. Bidder Notification to PacifiCorp Transmission

Immediately upon their selection to the initial shortlist, bidders will be required to notify PacifiCorp Transmission to demonstrate they have met the OATT's "commercial readiness" criteria. Bidders shall be responsible for also having satisfied any other PacifiCorp Transmission defined requirements established in the OATT. There should be no discrepancy between the facility characteristics bid into the RFP and what bidders have communicated to PacifiCorp Transmission as part of the cluster study application process. Bidders will be responsible to ensure that their bid(s) submitted to PacifiCorp in response to the 2022AS RFP are in compliance with and represent their interconnection service requests and/or existing contracts between Bidder and PacifiCorp Transmission.

Bidders assume the risk, and PacifiCorp will not be held liable, in the event that a bid selected to the initial shortlist in the 2022AS RFP is deemed ineligible for PacifiCorp's cluster study due to deviations between the submitted project bid and the LGIA, study documentation, or application associated with such project as submitted to PacifiCorp Transmission, or due to a Bidder's failure to satisfy any other requirement of PacifiCorp's OATT. Bidders will be required to meet all requirements of PacifiCorp Transmission's cluster study process including deposits, payments, milestones and any penalties associated

with withdrawals from the cluster process and could be subject to disqualification from the 2022AS RFP for any violation during the cluster study process.

B. PHASE II – INTERCONNECTION CLUSTER STUDY

Phase II is composed of the following tasks: cluster study report issued by PacifiCorp Transmission, resource capacity factor and storage performance verification performed by third-party consultants for PacifiCorp, and finally, bid updates by the initial shortlist bidders.

1. Interconnection Cluster Study Report

PacifiCorp will screen each benchmark and market bid and confirm that it is consistent with available interconnection documentation.⁷ The cluster study report is expected to take approximately six months and will be performed by PacifiCorp Transmission in accordance with the OATT.

2. Resource Capacity Factor Verification

PacifiCorp will engage a third-party subject matter expert to verify the capacity factor of the proposed wind and solar resources selected to the initial shortlist consistent with Oregon rule 860-089-0400 5(a). This task will be done in parallel with the cluster study.

3. Bid Update

At the conclusion of the interconnection cluster study process, results of the cluster study will be posted to Open Access Same-time Information System (OASIS) and participating parties including the initial shortlist bidders will be notified of their results. Bidders will be required to provide PacifiCorp with their cluster study results or any updates to their existing interconnection studies and interconnection agreements and a summary of the direct assigned interconnection costs and network upgrade portions from their respective studies and agreements. Bidders will also be required to provide updated non-price scorecards and equity questionnaires. Finally, bidders will be required to provide updated bid prices which shall now include the direct assigned portion of their interconnection costs in their prices for PacifiCorp's analysis and evaluation. Best and final pricing must be provided for the same site and same interconnection proposed and studied as their original bid, with same or similar project equipment so that there is no material modification required with PacifiCorp Transmission, and on the same COD timeline as originally proposed. With the exception of price increases attributed to the direct interconnection costs assigned by PacifiCorp Transmission, Bidders may only increase bid price by 110% of what was originally offered or be subject to disqualification.

C. PHASE III – FINAL SHORTLIST

Phase III is the selection of the final shortlist. In Phase III, PacifiCorp will review the cluster study results and any amended LGIAs and re-run Phase I price models to confirm bid conformance with minimum criterial. PacifiCorp will then process updated pricing, verified

⁷ PacifiCorp Transmission customers retain the right to downsize the Project up to 60 percent prior to the return of the executed Cluster Study Agreement, per PacifiCorp OATT Volume 11 (2020.07.10), Section 39.4.1.

capacity factors and storage inputs, for inclusion in the IRP production cost models. Plexos (the same model used by PacifiCorp to develop resource portfolios in the 2021 IRP) will be rerun to develop a resource portfolio. As was done in the 2021 IRP and in Phase I, PacifiCorp will perform a reliability assessment to ensure that the selected portfolio of resources can meet all hourly load and operating reserve requirements with sufficient cushion to account for other system uncertainties such as non-normal weather events. Should incremental flexible resource capacity be required to maintain system reliability, additional resources will be selected from the initial shortlist of bids that are capable of providing incremental flex capacity or remove resources to hit the targeted reliability requirements. PacifiCorp will not update the non-price portion of the bid evaluation from Phase I. However, cost and risk analysis, along with any other factors not expressly included in the formal evaluation process, but required by applicable law or commission order, will be used by PacifiCorp, in consultation with the IE, to establish the final shortlist.

1. Cluster Study Results

PacifiCorp will analyze the results of the cluster study as well as any updated and amended LGIAs to determine any limits to available transmission capacity which might prevent bidders from meeting the December 31, 2026 COD deadline. PacifiCorp will then utilize the same proprietary models used in the Phase I initial ranking to ensure bidders have updated their pricing according to the requirements of the 2022AS RFP and not increased their pricing more than 110% apart from increases resulting from the inclusion of interconnection costs. In this way, PacifiCorp will reconfirm bidder eligibility with minimum criteria listed in Section 3.I.4 and Section 3.I.32.

2. Processing of Bid Updates

Similar to the Phase I pricing evaluation, PacifiCorp uses its proprietary models to process bid updates. The models are refreshed with updated bid prices, including interconnection costs from cluster study results and any LGIA updates, verified capacity factors and storage inputs. Consistent with the treatment of capital revenue requirement in PacifiCorp's IRP modeling, PacifiCorp converts any calculated revenue requirement associated with capital costs (i.e., return on investment, return of investment, and taxes, net of tax credits, as applicable) to first-year-real-levelized costs. Consistent with the treatment of non-capital revenue requirement in PacifiCorp's IRP modeling, all other bid costs are summarized in nominal dollars and formatted for input into to the IRP models. Projected renewable resource performance data (expected hourly capacity factor information) is also processed for input into the IRP models.

3. Combining of Supply-Side and Demand-Side RFPs Prior to Final Shortlist

At the same time initial shortlist bidders are updating their prices, and prior to the final evaluation and selection of the final shortlist, the shortlist bidders from the demand-side RFP will be available for incorporation and inclusion to the IRP models.

4. Bid Resource Portfolio Development

After initial shortlist bidders update their pricing to include interconnection costs and it is processed for inclusion in the IRP model, and after the demand-side RFP resources have been incorporated into the IRP model, the IRP team uses the Plexos model to optimize the portfolio

of resources and select the final shortlist. PacifiCorp uses Plexos to develop and evaluate the cost of multiple resource portfolios.

PacifiCorp evaluates portfolios under a range of different environmental policy and market price scenarios (policy-price scenarios).⁸ In this way, PacifiCorp uses Plexos to optimize its selection of bid resources to identify the lowest cost, reliable portfolio under multiple scenarios prior to undergoing additional stochastic risk analysis and further consideration as part of the final shortlist process.

5. Stochastic Risk Analysis

PacifiCorp next uses Plexos to evaluate each portfolio and its ability to perform under dynamic weather and market conditions. Plexos measures the stochastic risk of each portfolio through its production cost estimates. By holding a resource portfolio fixed and using Monte Carlo simulations of stochastic variables, including load, wholesale electricity and natural gas prices, hydro generation, and thermal unit outages, Plexos can measure the expected cost of each portfolio in an uncertain future.

6. Identifying Top-Performing 2022AS RFP Renewable Resource Portfolios

PacifiCorp then summarizes and analyzes the portfolios to identify the specific bid resources that are most consistently selected among the policy-price scenarios. Based on these data, as well as certain qualitative criteria, and in consultation with the IE, PacifiCorp may select one or more 2022AS RFP resource portfolios for further scenario risk analysis.

7. Scenario Risk Analysis

Plexos will be used to calculate the stochastic mean PVRR and the risk-adjusted PVRR for various policy-price scenarios.⁹ This step of the evaluation process will help identify whether top-performing portfolios exhibit especially poor performance under the range of scenarios.

PacifiCorp takes the information from the prior steps and develops new system resource portfolios based on the top-performing resource portfolios in the prior steps. For each, it then calculates a stochastic mean PVRR and a risk-adjusted PVRR for each policy price-scenario before recommending a lowest cost, lowest risk portfolio from which to draw the final shortlist.

8. Other Factors: Applicable Law and Statutory Requirements

Before establishing a final shortlist, PacifiCorp may take into consideration, in consultation with the IE, other factors that are not expressly or adequately factored into the evaluation

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⁸ Policy-price scenarios will be conceptually consistent with those used in the 2021 IRP (i.e., alternative environmental policy assumptions among low, medium, and high price scenarios), but updated to reflect PacifiCorp's assessment of the most current information. Policy-price scenario assumptions will be established and reviewed with the IE before updated bids with updated pricing are received and opened.

⁹ The stochastic mean metric is the average of system net variable operating costs among 50 iterations, combined with the real-levelized capital costs and fixed costs taken from Plexos. The risk-adjusted metric adds 5% of system variable costs from the 95th percentile to the stochastic mean. The risk-adjusted metric incorporates the expected value of low-probability, high-cost outcomes.

process outlined above, particularly any factor required by applicable law or Commission order to be considered. 10

9. Final Shortlist Selection

PacifiCorp will summarize and evaluate the results of its scenario risk analysis, considering PVRR results, to identify the specific least-cost, least-risk bids. Based on these data and certain other factors as described above, and in consultation with the IE, PacifiCorp may establish a final shortlist. Selection of the final shortlist may be conditioned on the results of any future restudy arising out of the applicable PacifiCorp Transmission cluster study process.

After the final shortlist is established and approved, PacifiCorp will re-engage in negotiations with the selected bidders to finalize their contract and prepare the contract for execution. Selection of a bid to the final shortlist does not constitute a winning bid. Only execution of a definitive agreement between PacifiCorp and the bidder, on terms acceptable to PacifiCorp, in its sole and absolute discretion, will constitute a winning bid proposal.

10. Additional State Requirements

Following the final shortlist selection, PacifiCorp may consider resources additions and changes required for state compliance purposes. For example, to address Washington's CETA, in consultation with the IE, PacifiCorp will evaluate the final shortlist bids designated in part to serve Washington customers. In accordance with WAC 480-107-035, PacifiCorp will review the Equity Questionnaire for each resource and evaluate the associated risks and benefits to vulnerable populations and highly impacted communities associated with those bids. PacifiCorp, in consultation with the IE, may add or replace resources allocated to Washington customers in order to meet CETA goals with the understanding that the incremental cost associated with those resources would later be assigned to Washington customers.

Minimum Eligibility Requirements for Bidders (RFP Section 3.I)

Bidders may be disqualified for failure to comply with the RFP if any of the requirements outlined in this RFP are not met to the satisfaction of PacifiCorp, as determined in its sole discretion. If proposals do not comply with these requirements, PacifiCorp has the option to deem the proposal non-conforming and eliminate it from further evaluation. Reasons for rejection of a bidder or its proposal include, but are not limited to:

- 1. Receipt of any proposal after the bid submittal deadline.
- 2. Failure to submit the required Bid Fee when due.
- 3. Failure to meet the requirements described in this RFP and provide all information requested in Appendix C-2 Bid Summary and Pricing Input Sheet of this RFP.
- 4. Failure to adequately demonstrate the viability of a COD on or before December 31, 2026 with the exception of long-lead resources as described in Section 1.C.
- 5. Failure to permit disclosure of information contained in the proposal to PacifiCorp's agents, contractors, regulators, or non-bidding parties to regulatory proceedings consistent with terms of executed confidentiality agreement.

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¹⁰ Footnote to UT, OR, WA, CA requirements.

- 6. Any attempt to influence PacifiCorp in the evaluation of the proposals outside the solicitation process.
- 7. Failure to provide a firm offer through the bid validity date outlined in Section 3.E. of this RFP.
- 8. Between date of initial cover letter accompanying bid and the bid validity date, failure to disclose to PacifiCorp at any time bidder has committed their project to another entity.
- 9. Failure to disclose the real parties of interest in any submitted proposal.
- 10. Failure to clearly specify all pricing terms for each base proposal and alternative(s).
- 11. Failure to offer unit contingent (as generated) or system firm capacity and energy to Company's network transmission system in either its PACE and PACW balancing areas.
- 12. For any bid that is proposing to interconnect to a third-party transmission system and secure transmission service to deliver the output of the resource to PacifiCorp at PACE or PACW, failure to provide a system impact study by the third-party transmission provider as well as satisfactory evidence that firm transmission rights are already secured in bidder or project owner's name or readily obtainable by bidder. Evidence of transmission rights must demonstrate that bidder can deliver the resource to PacifiCorp on or before December 31, 2026 and must detail all actual or estimated transmission costs.
- 13. Failure to materially comply with technical specification requirements in Appendix A -Technical Specifications for BTA proposals involving potential PacifiCorp ownership or operational control.
- 14. Failure to demonstrate a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long lead time equipment.
- 15. Failure to demonstrate or represent compliance with PacifiCorp's prohibited vendors list.
- 16. Failure to demonstrate that it can meet the credit security requirements for the resource proposed.
- 17. Failure to submit information required by PacifiCorp to evaluate the price and non-price factors described herein.
- 18. Failure or inability to abide by the applicable safety standards.
- 19. Failure to submit an acceptable contract structure.
- 20. A determination by PacifiCorp that collusive bidding or any other anticompetitive behavior has occurred.
- 21. Bidder or proposed project being bid is involved in bankruptcy proceedings.
- 22. Failure of the bidder's authorized officer to sign the proposal cover letter as required in this document and without edits.
- 23. Misrepresentation or failure to abide by Federal Trade Commission Green guidelines for renewable projects, if applicable.
- 24. Any change in law or regulatory requirements that make the bidder's proposal non-conforming.
- 25. Any matter impairing the bidder, the specified resource, or the generation of power or, if applicable, environmental attributes from the specified resource.
- 26. Failure to provide the minimum resource performance estimate information as described in Section 5.B. of the RFP.

- 27. Failure to provide a third-party generated performance report and model output including hourly output values as identified in Appendix C-3 Energy Performance Report.
- 28. Failure to provide Appendix D Bidder's Credit Information.
- 29. Any bid that includes a requirement that PacifiCorp provide credit assurances.
- 30. In the case of a BTA bid, failure to submit an operations and maintenance proposal materially compliant with Appendix K General Services Contract Operations & Maintenance Services for Project.
- 31. Failure to provide documentation of binding, exclusive site control for the project including the facility but excluding right-of-way or easements for interconnection or transmission, roads, or access to the site.
- 32. Failure of a wind resource bids to demonstrate sufficient eagle studies required to support an eagle Incidental Take Permit prior to construction of a facility.
- 33. Failure of the bid interconnection description and capacity to be consistent with the interconnection request and/or executed LGIA with PacifiCorp Transmission.
- 34. Failure to complete Appendix P Equity Questionnaire
- 35. Any bid that increases its bid price in the final shortlist process by more than 110% of what was originally offered beyond price increases attributed to the direct interconnection costs.
- 36. In the case of a demand-side bid, failure to meet the requirements of PacifiCorp's 2021 Demand Response RFP included in Appendix S 2020 Demand Response RFP Requirements for Demand-side Bids.

Non-Price Scoring Matrix

All bidders will be required to complete and self-score the 2022AS RFP Appendix L – Non-Price Scoring Matrix. PacifiCorp will complete due diligence, audit and evaluate bidder's responses.

Bidder Company	
Project / Facility Name	
Assigned Bid Number	
PPA or BTA	
County/State	
MW	

Non-Price Score:	
Bid Submittal Completeness	5
Contracting Progress and Viability	5
Project Readiness and Deliverability	15
Total Non Price Score	25

Non-Price Factor

I. Bid Submittal Completeness - Bidder completed each of following items accurately and in a manner consistent with the RFP

requirements.	Response	Bid Score	Comments
· Appendix A-2 Interconnection plan including studies, agreements and confirmation of material modification, as applicable. Off-system			
bids have provided a system impact or facilities study with 3rd party transmission provider and demonstrated transmission availability to a			
POD on PacifiCorp's transmission system.	Yes	1	
Appendix A-3 Permit Matrix	Yes	1	
· Appendix A-5 Project One-Line Drawing and Layout	Yes	1	
Appendix A-6 Division of Responsibility (BTAs only)	Yes	1	
· Appendix A-7 Demonstration of Conformance with Owners Standards and Specifications (BTA)	Yes	1	
· Appendix A-9 Product Data-Equipment Supply Matrix	Yes	1	
· Appendix A-10 Plant Performance Guarantee/Warranties (BTAs only)	Yes	1	
· Appendix B-1 Notice of Intent to Bid - Summary of Bids	Yes	1	
· Appendix B-2 Signed Cover Letter without modification	Yes	1	
· Appendix B-2 Bid Proposal in compliance with the proposal format and requirements outlined in Appendix B-2	Yes	1	
· Appendix C-2 Bid Summary and Pricing Input Sheet provided without modification, including milestong payment schedule for BTAs	Yes	1	
· Appendix C-3 3rd Party Energy Performance Report. For wind submittals, one (1) electronic and hard copy of an independent third-party			
or in-house wind assessment analysis/report supported by a minimum of (a) two years of wind data for BTA proposals from the proposed			
site or (b) one year of wind data for PPA proposals from the proposed site. Wind data shall support the capacity factor. For solar proposals,			
one (1) electronic and hard copy of the PVSyst report, including the complete set of modeling input files in Microsoft Excel format that			
PacifiCorp can use to replicate the performance using PVSyst, PacifiCorp's preferred solar performance model, and two years of solar			
irradiance satellite data provided by Solargis, SolarAnyway or on-site met data.	Yes	1	
- Appendix D Bidder's Credit Information including a clear description of ownership and/or corporate structure, a letter from the entity			
providing financial assurances stating that it will provide financial assurances on behalf of the bidder	Yes	1	
Appendix G-1 Confidentiality Agreement	Yes	1	
· Appendix J PacifiCorp Transmission Waiver	Yes	1	
Appendix K General Services Contract-O&M Services (BTAs only)	Yes	1	
Appendix P - Equity Questionnaire	Yes	1	
· Critical Issues Analysis (BTA) or sufficent narrative summary (PPA and Toll)	Yes	1	
Permits including Conditional Use Permit and Conditional Use Permit, or equivalent (BTA)	Yes	1	
· Geotechnical report (BTA)	Yes	1	
Environmental studies (endangered species, wetlands, Phase I ESA) (BTA)	Yes	1	
· Cultural studies (BTA)	Yes	1	
· Evidence of wire transfer provided prior to bid deadline in the correct amount for the correct number of bids	Yes	1	

U. Contraction Decrease and Visibility.	D	D:4 C	C
II. Contracting Progress and Viability		Bia Score	Comments
A contract redline was provided including redline of Appendices.	Yes	1	
A contract issues list was provided identifying bidder's top priority commercial terms.	Yes	1	
Bidder redlines and issues lists are based on a lawyer's review of the proforma contract documents. Bidder has the level with a the part into a part into a part of the first term of the	Yes		
Bidder has the legal authority to enter into a contract for the output of the facility.	Yes	1	
Bidder provided fixed and firm pricing for a contract term length between 5 and 30 years.	Yes	1	
Bidder has offered a dispatchable product and agrees to PacifiCorp's ability to issue dispatch notices as defined in contract proforma.	Yes		
Bidder has demonstrated it can meet the credit security requirements for the resource proposed.	Yes	1	
Binding and exclusive site control documentation matches legal site description included in contract redline.	Yes	1	
Appendix C-2 inputs (product, price, term, 8760, capacity factor, depreciation, degradation, storage specifications, BTA milestone	v		
payments, etc) are consistent with contract redlines.	Yes	1	
BTA bids include list of assets to be transferred to PacifiCorp. Project documents with same legal entity as bidder. Studies and other	v		
contracts may be assigned and relied upon by PacifiCorp.	Yes	1	
III. Project Readiness and Deliverability	Kesponse	Bia Score	Comments
Schedule includes development and construction milestones (major equipment procurement and delivery on site, EPC execution and			
notice to proceed, interconnection backfeed, mechanical completion) which support the commercial operations date.	Yes	1	
BTA assets (permits, leases, interconnection agreements, other contracts, resource assessments etc) support commercial operation date,			
8760 resource estimates and net capacity factor through operating life.	Yes	1	
Bidder has experience with (developing, constructing and/or operating) the same technology as being proposed.	Yes	1	
Bidder has sufficient development experience (prior to construction) for size of project proposed (has completed at least one project 50%			
of proposed size).	Yes	1	
Bidder has appropriate construction experience for the project size as proposed (has completed at least one project 50% of proposed			
size).	Yes	1	
Bidder's Financing Plan demonstrates ability to finance project construction and ongoing operations.	Yes	1	
Bidder has executed and recorded lease or warranty deed of ownership.	Yes	1	
 Required easements have been identified including project site and any gentie line up to point of interconnection. 	Yes	1	
 Required easements have been secured including project site and any gentie line up to point of interconnection. 	Yes	1	
Bidder has signed LGIA with PacifiCorp Transmission which demonstrates ability to interconnect before proposed commercial operations			
date.	Yes	1	
Met stations have been installed - and are functional - on site.	Yes	1	
50% Engineering designs are complete.	Yes	1	
Proposed equipment is consistent with bid narrative, Appendix C-3 (8760), Appendix A-7 Technical Specifications and Appendix A-9.	Yes	1	
EPC/Supply chain plan demonstrates bidder's ability to secure materials and complete construction, including securing safe harbor			
equipment, if applicable. Bidder has demonstrated a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar			
photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long lead time equipment.	Yes	1	
Major equipment has been procured, EPC or construcution contractor agreements have been signed, and/or Master Service Agreement in			
place.	Yes	1	
Wetlands are not present, or mitigation plans are in place.	Yes	1	
Endangered species are not present on site or mitigations plans are in place.	Yes	1	
One or more year of avian studies are available for proposed wind resources.	Yes	1	
Cultural resources are not present, or mitigation plans are in place.	Yes	1	
Site is zoned for proposed use.	Yes	1	
Permitting is complete (i.e. project is shovel ready).	Yes	1	
Proposal meets PacifiCorp's workforce diversity goal of 23% women-owned, minority-owned, disabled veteran-owned and LGBT-owned			
business enterprises.	Yes	1	
If located in California, proposal is a renewable generating facility located in a community afflicted with poverty or high unemployment or			
that suffers from high emission levels according to California Office of Environmental Health Hazard Assessment (OEHHA)'s California			
Communities Environmental Health Screening Tool: CalEnviroScreen 4.0. (https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen	1		
40)	N/A	1	
If located in Washington state, facility is located in a highly impacted community or in proximity to a vulnerable population according to			
Washington State Department of Health's Environmental Public Health Data website and Environmental Health Disparities V 1.1 tool			
[https://fortress.wa.gov/doh/wtn/WTNIBL/)	N/A	1	
If located in Oregon state, facility meets HB2021 requirements including but not limited to apprenticeship and workforce requirements	N/A	1	
Proposal is a renewable generating facility or non-emitting resource.	Yes	1	

Equity Questionnaire

All bidders are required to complete **Tab 1 Required Equity Questionnaire**. Washington-sited, Oregon-sited and California-sited bidders will be required to complete a second set of questions specific to rules in each of those states.

Appendix P - Equity Questionnaire					
Facility proximity to community			Ī		
Census track in which facility is located			https://geocoding.geo.census.gov/geocoder/geographies/add	ress?form	
Distance from facility to nearest residential home		miles			ĺ
Number of residential homes within 1 mile of facility		residences	1		i i
Number of residential homes within 6 miles of facility		residences	1		i i
Distance to nearest existing generation sources by fuel source within 6 miles of proposed			1		i e
facility;		miles			
Will the proposed facility replace/supplant identified generation sources?		iiiics			
Will the proposed facility replace, suppliant facilities generation sources.					
If "yes," provide estimated reduction in air pollutants/toxics in the community over life of					
the project/contract due to the facility (when/how much megawatt-hour ("MWh")/year),					
and avoided emissions released into the community (within 6 miles of the project).			_		
Population characteristics of community where facility is proposed					
To be completed based on census track in which facility is located					
Race and ethnicity				https://data.census.gov/cedsci/advanced	Table: DP05
White (%)			% of population white alone		
Black or African American (%)			% of population Black or African American alone		
Amercian Indian and Alaska Native (%)			% of population American Indian and Alaska Native alone		
Asian (%)			% of population Asian alone		
Native Hawaiian and Other Pacific Islander (%)			% of population Native Hawaiian and Other Pacific Islander alo	nne	
Two or More Races (%)			% of population two or more races		
Hispanic or Latino (%)			% of population Hispanic or Latino		
Population 25 years and over with no high school diploma				https://data.census.gov/cedsci/advanced	Table DD02
Population 25 years and over with no night school diploma				inteps.//data.census.gov/ceusci/advanceu	Table Druz
			% of households (with and without mortgages and rentals)		
Unaffordable housing			spending greater than 30% of income on housing	https://data.census.gov/cedsci/advanced	
Population five years and older that speak English less than "very well" and "not at all"			% of people that speak English at home (5 years old or older)	https://data.census.gov/cedsci/advanced	Table B16004
Population with income 185% below poverty			% of total population with income 185% below poverty	https://data.census.gov/cedsci/advanced	
Population 16 years and older unemployed			% of population 16 years or older	https://data.census.gov/cedsci/advanced	Table S2301
				1	
Proffes tale Country		Ongoing			
Facility Job Creation	Construction	Operations	CA GO-156 Procurement Goal		
Total hires (number of jobs)			N/A		
Will there be an apprenticeship or training program?			N/A		
Projected local hires from nearby communities (number of jobs)			N/A		
Duration of work (months of construction / years of operation)			N/A	hours, days, months	
Projected direct and indirect economic benefits to the local economy (annual \$ from payroll					
taxes, property taxes, other taxes, services)			N/A	Check source	
Minority-owned businesses (percentage of contractors and subcontractors)			15%		
Woman-owned businesses (percentage of contractors and subcontractors)			5%		
Service-disabled veteran-owned businesses (percentage of contractors and subcontractors)			1.5%		
LGBT firms (percentage of contractors and subcontractors)			N/A		
Unionized/represented labor (percentage of contractors and subcontractors)			N/A		
Average annual wage or hourly rate (\$)			N/A		
Local Impacts					
Is Facility a distributed energy resource?		yes/no			
Duration of construction		months			
Source of water used during construction					
Source of water used during operations					
Is water a permitted or public source		public/private			
Site disturbance - amount of disturbed soil during construction		acres			
Tree and pollinator seed re-planting after construction		acres			