

PacifiCorp - Stakeholder Feedback Form

2021 Integrated Resource Plan

PacifiCorp (the Company) requests that stakeholders provide feedback to the Company upon the conclusion of each public input meeting and/or stakeholder conference calls, as scheduled. PacifiCorp values the input of its active and engaged stakeholder group, and stakeholder feedback is critical to the IRP public input process. PacifiCorp requests that stakeholders provide comments using this form, which will allow the Company to more easily review and summarize comments by topic and to readily identify specific recommendations, if any, being provided. Information collected will be used to better inform issues included in the 2021 IRP, including, but not limited to the process, assumptions, and analysis. In order to maintain open communication and provide the broader Stakeholder community with useful information, the Company will generally post all appropriate feedback on the IRP website unless you request otherwise, below.

Date of Submittal 6/11/2021

*Name: Ana Boyd

Title: [Click here to enter text.](#)

*E-mail: ana.boyd@sierraclub.org

Phone: (415) 977 - 5649

*Organization: Sierra Club

Address: 2101 Webster Street, Suite 1300

City: Oakland

State: CA

Zip: 94612

Public Meeting Date comments address: _____ Check here if not related to specific meeting

List additional organization attendees at cited meeting: _____

*IRP Topic(s) and/or Agenda Items: Proposed Natrium plant

Check here if any of the following information being submitted is copyrighted or confidential.

Check here if you do **not** want your Stakeholder feedback and accompanying materials posted to the IRP website.

*Respondent Comment: Please provide your feedback for each IRP topic listed above.

1. During a June 2, 2021 press conference announcing the proposed Natrium plant, Rocky Mountain Power President and CEO Gary Hoogeveen stated: "Economics will stand on their own whether coal plants continue to operate or not. If the economics show in our integrated resource planning effort that plants should retire on behalf of our customers for their lowest cost then the next best option is to build the Natrium plant."

- a. Please indicate when negotiations began between PacifiCorp, TerraPower, the State of Wyoming, and/or the U.S. Department of Energy on the proposed Natrium plant;
- b. Please provide any economic analysis prepared for or by PacifiCorp supporting Mr. Hoogeveen's statement that "the next best option is to build the Natrium plant."
- c. Please indicate whether the proposed Natrium plant has an anticipated on-line date or any other significant, anticipated milestones including the anticipated date of the submission of the Natrium design certification application to the Nuclear Regulatory Submission.
- d. Mr. Hoogeveen said at the press conference, "We know, like everyone else in the utility industry, that you can't do 100% renewable and battery power and serve 24-7, not with the technology we currently have. Please provide a summary of the analysis that supports this conclusion and his implication that it will still not be technically or economically feasible when the Natrium project is scheduled to go online.

* Required fields

PacifiCorp Response

Analysis of the demonstration project will be included in the 2021 IRP portfolio modeling process and selection of the site for the Natrium demonstration project is expected to be announced before the end of 2021. The next steps include due diligence on a potential site, as well as economic and a system-impact analysis for PacifiCorp. Significant anticipated milestones – including a potential on-line date – will be shared as analysis continues and as milestone dates are determined.

2. Please refer to <https://wyomingadvancedenergy.com/faq/>, wherein it states that the proposed Natrium plant will be evaluated during PacifiCorp's 2021 IRP.
- a. Please indicate whether PacifiCorp has conducted any modeling or other economic analysis that includes the proposed Natrium plant. i. If so, please provide such modeling and/or analyses ii. Please provide a range of cost estimates for this proposed plant as opposed to a single estimate.
 - b. Please identify all assumptions that will be made concerning the proposed Natrium plant in order to analyze the resource within the 2021 IRP, including site location, fuel sourcing, radioactive waste management and disposal, and anticipated costs.
 - c. Please explain what assumptions the modeling will use regarding DOE subsidies and please explain how the modeling will account for the risk that such subsidies are contingent on future Congressional appropriations.
 - d. Please disclose all regulatory risks related to the state and federal permitting and licensing processes for the project.
 - e. Has PacifiCorp evaluated the anticipated rate impact resulting from construction and operation of the proposed Natrium plant?
 - f. Please explain why the 2021 IRP stakeholder meetings have not included any information of the proposed Natrium plant to date.
 - g. Please provide any calculations of the carbon emissions related to the Natrium project including those generated through each of the uranium fuel chain processes, spent fuel rod processing and storage, and plant decommissioning.

PacifiCorp Response

As the Natrium demonstration project is an emerging opportunity, PacifiCorp's decision to pursue the partnership has been outside of the 2021 IRP modeling considerations that have been discussed to date. PacifiCorp provided an overview of the project as part of its June 25, 2021 IRP public-input meeting, and plans to have further discussions as needed as part of the public-input meetings scheduled for July and August. The announcement of the project will not impact or accelerate coal unit closures, and the IRP – to be filed September 1, 2021 – will continue to determine the preferred resource portfolio.

3. Please confirm whether PacifiCorp has in any way made a binding commitment to any third party regarding the proposed Natrium plant.

PacifiCorp Response

PacifiCorp has committed to jointly explore whether the Natrium demonstration project is cost-effective for customers and beneficial to the communities we serve. This includes due diligence for site selection and further analysis of system and cost impacts to PacifiCorp.

Data Support: If applicable, provide any documents, hyper-links, etc. in support of comments. (i.e. gas forecast is too high - this forecast from EIA is more appropriate). If electronic attachments are provided with your comments, please list those attachment names here.

Recommendations: Provide any additional recommendations if not included above - specificity is greatly appreciated.

Please submit your completed Stakeholder Feedback Form via email to IRP@PacifiCorp.com

Thank you for participating.