

# PacifiCorp - Stakeholder Feedback Form

## 2015 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 2015 IRP, including, but not limited to the process, assumptions, and analysis. In providing your feedback, PacifiCorp requests that the stakeholders identify whether they are okay with the Company posting their comments on the IRP website.

Yes  No May we post these comments to the IRP webpage?

Date of Submittal 9/5/2014

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Address: 625 Marion St. NE

City: Salem

State: OR

Zip: 97301

Public Meeting Date comments address: 8/8/2014

Check here if not related to specific meeting

List additional organization attendees at cited meeting:

[Click here to enter text.](#)

**\*IRP Topic(s) and/or Agenda Items:** List the specific topics that are being addressed in your comments.

Requests for:

- CO<sub>2</sub> price portfolios.
- Solar cost reduction portfolios.
- Portfolio that combines solar cost reduction and CO<sub>2</sub> price.
- PaR runs that include High CO<sub>2</sub> Price.

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

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

ODOE agrees with the following three recommendations made by NW Energy Coalition on behalf of PacifiCorp IRP "Clean Energy Scenario Stakeholders" in their feedback form dated 8/20/14:

1. Generate two resource portfolios based on the following two CO<sub>2</sub> price scenarios. Run both of the resulting resource portfolios through PaR. Note: dollars are real 2014\$ and tons are short tons of CO<sub>2</sub>.
  - a. CO<sub>2</sub> Price – \$20/ton in 2020, escalating linearly to \$52/ton in 2034 and \$89/ton in 2050.
  - b. High CO<sub>2</sub> Price -- \$20/ton in 2020, escalating linearly to \$111/ton in 2034 and \$215/ton in 2050. This High CO<sub>2</sub> Price adequately represents the "upper reaches of credible proposals by governing entities" as required by Oregon IRP Guideline 8a, for the reasons provided by the Clean Energy Scenario Stakeholders.In modeling these two CO<sub>2</sub> price scenarios, ODOE is comfortable with PacifiCorp assuming that 111(d) is not controlling, and therefore not using the 111(d) Scenario Maker to develop the portfolios.
2. Generate two resource portfolios as sensitivity cases based on the following two solar cost reduction scenarios:
  - a. "Medium Solar PV Breakthrough" with 2034 costs ranging from \$1,855/kW<sub>AC</sub> for residential rooftop to \$1,318/kW<sub>AC</sub> for fixed tilt > 20 MW.
  - b. "High Solar PV Breakthrough" with 2034 costs ranging from \$1,537/kW<sub>AC</sub> for residential rooftop to \$1,092/kW<sub>AC</sub> for fixed tilt > 20 MW.
3. Generate a resource portfolio based on the combination of the CO<sub>2</sub> Price in 1a and the Medium Solar PV Breakthrough cost scenario in 2a. Run the resulting resource portfolio through PaR.

\* Required fields

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**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.

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

[Click here to enter text.](#)

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Thank you for participating.