

PacifiCorp 2021 CCUS REOI - Questions and Answers

As of : August 26, 2021

Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Question	PacifiCorp Response
1	6/30/2021	8/27/2021	Are you looking for a technology/ EPC provider for carbon capture or are you searching for sequestration expertise?	PacifiCorp would welcome a REOI submittal based only on one or a combination of more than one carbon capture technologies, and to which such proposal(s) excludes the sequestration portion. Furthermore, proposals of engineering, procurement, construction and or development will be considered.
2	7/7/2021	8/27/2021	What is the gas composition range for the units of interest for the REOI? For example, would PacifiCorp please provide a similar table, for each unit identified in the REOI? Component Minimum Maximum Average CO2 O2 N2 + Ar H2O SO2 NOx Temperature (1)	We understand your need for this additional information in preparation for a submittal to our REOI. Most of the information you have requested is determined to be PacifiCorp confidential information. To obtain any confidential information, are you willing to sign the form NDA we have provided under the REOI, Appendix D?
3	7/7/2021	8/27/2021	What is the typical or expected load profiles for the units identified in the REOI? The CO2 concentration and how it fluctuates will be very important from the perspective of an initial modeling analysis for CCUS at any of the proposed units.	We understand your need for this additional information in preparation for a submittal to our REOI. Most of the information you have requested is determined to be PacifiCorp confidential information. To obtain any confidential information, are you willing to sign the form NDA we have provided under the REOI, Appendix D?
4	8/5/2021	8/27/2021	•Could you please provide us with flue gas data/composition, flue gas temperature and flow rate (max flow rate) for a typical case?	We will need a signed NDA (the form version supplied within the CCUS REOI) to share company flue gas composition, temperature, and flow rate data. If this something you wish to receive as part of you preparing a response to our CCUS REOI by September 16th then please review, complete and forward the NDA back to us and we then will prepare the data.
5	8/25/2021	8/27/2021	What is the objective of this REOI and the subsequent RFP process? Is it to directly engage an equipment provider or EPC company to undertake the project, without actually doing a feasibility and scoping study of what would be the most appropriate carbon capture solution, project architecture, and business model (contracting strategy) for PacifiCorp? Many of the questions and parameters asked for in Appendix C (Respondent Input Form), and the appropriate contracting structure would be answered from the outcome of such a feasibility and business model study before going for the engineering and implementation of the project.	PacifiCorp is releasing this REOI to identify and engage with interested parties to explore the feasibility and design of a CCUS facility. This REOI is also intended to inform a subsequent CCUS RFP in which the company then intends to define what is in scope and what is not in scope, technical specifications, evaluation and scoring process, and required information to be provided, all as part of the RFP when it is released to market.
6	8/25/2021	8/27/2021	Does PacifiCorp have any specific cost of capture targets for their facilities?	No, PacifiCorp does not have any specific cost targets for carbon capture.
7	8/25/2021	8/27/2021	Does PacifiCorp expect the Carbon Capture solutions to be non-intrusive to their existing operations? Or is the modification of their operations (e.g., conversion of coal-fired to NG/H2 heavy fuel fired) acceptable?	For this CCUS REOI, we prefer non-intrusive proposals, but we are open to any technology proposals that implement CCUS in a way that assists us in meeting the requirements of HB200; and to the degree that any proposal would require changes intrusive to current operations, that should be thoroughly described and explained.
8	8/25/2021	8/27/2021	What is the expected timeline of implementation of these projects?	Currently, the expected timeline is for construction of these facilities assume construction activities commence prior to January 1, 2026 (a date consistent with IRS Code 45Q)
9	8/25/2021	8/27/2021	Will the projects (feasibility studies, Pre-FEED, FEED, construction, etc.) be funded by Federal govt. or private funding agencies?	Funding of the efforts mentioned here require additional discussion within PacifiCorp but will be resolved prior to the issuance of any CCUS RFP.

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10	8/25/2021	8/27/2021	As mentioned in Appendix-A, the depreciable life of the assets is between 2027-2039. Can we assume that the power plant will be run until the end of the economic life of the carbon capture project as the carbon capture project will be CAPEX intensive?	Yes.
11	8/25/2021	8/27/2021	Facility wise power generation and CO2 emission are different for different years as given in Appendix-A. As carbon capture process is sensitive to the flue volume/throughput, what will be the design basis consideration? Since a third party may operate the carbon capture project, will PacifiCorp have any contracting obligation to transfer a fixed flue gas volume?	PacifiCorp requests that REOI respondent describe any volume obligations or guarantees that may be required for any operational and or economic feasibility of a third party operator of a CCUS facility.
12	8/25/2021	8/27/2021	The REOI mentions the potential sales of CO2 to customers in the region. In this regard, has any market study or assessment been done by PacifiCorp or is that also part of the scope of the selected company/consultant?	We are requesting that market studies or assessments for CO2 sales be included as part of bidder assumption in this REOI.
13	8/25/2021	8/27/2021	Please confirm that there will be no shortlisting of companies based on the REOI and the RFP stage will also be an open tender/call for proposals?	Confirmed.
14	8/25/2021	8/27/2021	The REOI mentions that all Q&A will be published on the PacifiCorp website. The link may kindly be shared, as we were unable to locate the same.	All Q&A will be posted, and periodically updated at https://www.pacificorp.com/suppliers/rfps/CCUS-REOI.html
15	8/25/2021	8/27/2021	We request you to share details of the sources of CO2 for each plant and the gas composition of each gas stream so that we can suggest the optimal technology solutions for carbon capture.	We understand your need for this additional information in preparation for a submittal to our REOI. Most of the information you have requested is determined to be PacifiCorp confidential information. To obtain any confidential information, are you willing to sign the form NDA we have provided under the REOI, Appendix D?