

PacifiCorp's 2022 All-Source RFP Interconnection and Transmission Workshop

May 4, 2022



Logistics

Microsoft Teams meeting

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berkshirehathawayenergy@m.webex.com

Video Conference ID: 115 127 830 7

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[+1 563-275-5003](tel:+15632755003), [650654312#](tel:+1650654312) United States, Davenport

Phone Conference ID: 650 654 312#

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Scope of Meeting:

1. Supply-side resources
(demand-side are not applicable to this presentation)
2. RFP Requirements and Interconnection Study Resources

Agenda:

2:30 PM to 3:00 PM Pacific (3:30 PM – 4:00 PM Mountain)	Discussion of RFP Requirements
3:00 PM to 3:30 PM Pacific (4:00 PM – 4:30 PM Mountain)	Cluster Study Overview
3:30 PM to 4:00 PM Pacific (4:30 PM – 5:00 PM Mountain)	Questions and Answers

Standards of Conduct Separation of Functions (2022AS RFP Appendix I)

Standards of Conduct; Separation of Functions

- As a vertically-integrated utility with both transmission provider and merchant functions, PacifiCorp is required to comply with FERC's Standards of Conduct which govern interactions between PacifiCorp's Transmission Function and its Marketing Function. Under the Standards of Conduct, PacifiCorp's Transmission Function employees must function independently of PacifiCorp's Marketing Function employees. Marketing Function employees cannot have access to transmission control center or other transmission facilities or information systems that differ in any way from the access provided to non-affiliated transmission customers. The Standards of Conduct prohibit Marketing Function employees from gaining access to any information about PacifiCorp's transmission system that is not posted on the OASIS or otherwise made publicly-available to all other market participants.
- Under the Standards of Conduct, FERC will allow certain non-operating employees to be shared between the Transmission Function and Marketing Function. Under FERC's "no-conduit rule", shared employees may receive confidential transmission system or marketing information, but they are prohibited from sharing such information with Marketing Function employees through any non-public or off-OASIS communications.

Standards of Conduct; Separation of Functions

Market Function Employees

- PacifiCorp has identified certain employees in the following business groups as Marketing Function employees of PacifiCorp: Energy Supply Management; Energy Trading; Origination.

Transmission Function Employees

- PacifiCorp's Transmission Function includes: employees, contractors, consultants or agents of PacifiCorp who conducts transmission system operations or reliability functions, including, but not limited to, those who are engaged in day-to-day duties and responsibilities for planning, directing, or carrying out transmission-related operations.

Shared Employees

- PacifiCorp has identified Integrated Resource Planning, Resource Development, Structuring and Pricing, Contract Administration, Environmental, Credit, Legal and Risk Management as shared employee functions under FERC's Standards of Conduct.

Standards of Conduct; Separation of Functions

Information Status

- PacifiCorp's Marketing Function employees will not be involved in a Bidder's transmission or interconnection requests with PacifiCorp's Transmission Function, nor will such Marketing Function employees be permitted access to non-public transmission function information. All PacifiCorp employees at all times abide by FERC's Standards of Conduct.
- This presentation is being given by the RFP Team, which is made up of Market Function employees. All information specific to PacifiCorp Transmission interconnection processes has been copied directly from the OATT, which is available on OASIS. Bidders are encouraged to read the OATT directly.
- Members of the Transmission Function employees may be on-hand to answer interconnection and transmission procedure questions.

2022AS RFP Requirements:

Interconnection
(On-System Resources)

Interconnection and Transmission
(Off-System Resources)

2022AS RFP - Interconnection vs. Transmission

- Background:
 - Interconnection and transmission are governed by Federal Energy Regulatory Commission (FERC) rules and approved processes. For certain Qualifying Facilities and for distribution facilities, interconnection is governed by state processes.
 - PacifiCorp's Open Access Transmission Tariff (OATT) is publicly available and governs interconnection and transmission requests to interconnect with and deliver energy to PacifiCorp's transmission system. In plain language ("layman's terms"):
 - **Interconnection** is the process of interconnecting to a transmission system ("clamping on")
 - **Transmission** is the process of moving energy across a transmission system ("delivery to load")
- For the purposes of the 2022AS RFP, PacifiCorp will consider resources which can demonstrate their ability to directly interconnect with, or if off-system, deliver firm energy to PacifiCorp's East and PacifiCorp's West balancing authorities (PACE and PACW, respectively).
- As part of the evaluation process, PacifiCorp will consider a bidder's ability to **interconnect** (via its interconnection study or interconnection agreement, as applicable).
 - After a binding contract is executed, PacifiCorp's merchant function is responsible for requesting and arranging for transmission from the Point of Delivery (POD) to load (see Section 4.4 of pro forma agreements in Appendix E).
- For off-system bidders, as part of the evaluation process, PacifiCorp also will consider a bidder's ability to obtain transmission service.
 - After a binding contract is executed, an off-system bidder is responsible for providing 3rd party transmission service to POD on PacifiCorp's system. PacifiCorp's merchant function will be responsible for requesting and arranging for transmission service from POD to load subject to Section 4.4 of the pro forma agreements in Appendix E.

2022AS RFP - Interconnection Requirements

Minimum Eligibility Requirements (Section 3.E of the Main RFP Document):

Applicable to all bids:

- #11: Resource must be delivered to a point of interconnection or point of delivery on Company's transmission system in either its PACE and PACW balancing areas.
- #33: Project description in the bid must be consistent with project description in existing interconnection studies and/or executed LGIAs. In the event changes have been made to the proposed project bid as compared to what is described in the current interconnection documentation, bidder will need to provide documentation from PacifiCorp Transmission, or the applicable interconnection provider, that a material modification or interconnection re-study is not required that could materially impact the project costs or estimated in-service date.
 - Provision of Appendix A-2 Interconnection Studies (or agreement as applicable).

Applicable only to off-system bids:

- #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, bidder must provide:
 - A system impact study by the third-party transmission provider.
 - Satisfactory evidence that firm point-to-point transmission rights are already secured in bidder or project owner's name or readily obtainable by bidder to deliver the full output of the resource to PacifiCorp on or before December 31, 2027, detailing all actual or estimated transmission costs.
- Documentation of the availability of, and request for, long-term, firm point-to-point transmission service to the POD.

2022AS RFP - Interconnection Requirements

Eligible Interconnection Documents (Appendix A-2):

- Small Generator Interconnection Agreement
- Large Generator Interconnection Agreement
- Documentation confirming Fast Track Process eligibility
- System Impact Study
- Interconnection Facilities Study
- Surplus Interconnection Service Study
- Cluster Study

An Informational Interconnection Study is not sufficient interconnection documentation to be considered eligible for the 2022AS RFP.

2022AS RFP – New Interconnection Studies

- Large and small generator on-system resources without an existing interconnection agreement or existing interconnection studies must enter into the 2022AS Cluster Study before the Cluster Request Window closes on May 15, 2022 to be eligible for the 2022AS RFP.
 - Small generator on-system resources may be eligible for the Fast Track Process; however, if they do not qualify, a cluster study will be required.
- PacifiCorp's RFP Team encourages new cluster study requests to be for both Network Resource Interconnection Service (NRIS) and Energy Resource Interconnection Service (ERIS).
- PacifiCorp's RFP Team encourages new participants to review OASIS and has provided Appendix H-3 as consideration for the number of existing interconnection commitments (executed LGIAs) and existing study positions from prior cluster studies in various cluster areas.

2022AS RFP – Bid Price

- On-system resources
 - Bid price shall include all bidder (interconnection customer)'s interconnection costs, including but not limited to direct assigned costs from the interconnection study or interconnection agreement, as applicable.
 - Bidders shall separately provide Network Upgrade Cost estimates for PacifiCorp's use and consideration in price scoring process.
- Off-system resources
 - Bid price shall include all bidder's interconnection and transmission costs to the POD.

Interconnection and Transmission Summary

	On System Resources		Off-System Resources	
	Interconnection Service	Transmission Service	Inter-connection	Transmission
Timing of Application	Prior to Bid	After Power Purchase Agreement (PPA), Tolling Agreement, or Build Transfer Agreement (BTA) contract is executed	Prior to Bid	1. 3 rd party transmission from POI to POD, prior to bid 2. PacifiCorp Transmission from POD to load, after PPA is executed
Applicant (Customer)	Bidder is Interconnection Customer (RFP Team has preference for resources to be studied as both NRIS and ERIS)	PacifiCorp is Transmission Customer (Merchant Function) (On-System Bids)	Bidder is Inter-connection Customer	1. Bidder is Transmission Customer to deliver to PacifiCorp POD 2. PacifiCorp (Merchant Function) is Transmission Customer from POD to load.
Provider	PacifiCorp Transmission Group	PacifiCorp Transmission Group	3 rd Party Transmission Provider	1. 3 rd Party Transmission Provider and 2. PacifiCorp Transmission
Required for Bid	Yes	No	Yes	1. Yes (from POI to POD) 2. No (from POD to load)
Cost Included in Bid Price	All Interconnection Customer's interconnection costs	Not in Bid Price	Yes	1. Yes (3 rd party wheeling costs to POD) 2. No (from POD to load)

Resources Using a Surplus Interconnection Service (FERC Order 845)

Existing Wind	<i>Add Solar</i>	<i>Add Wind</i>	<i>Add Battery</i>	<i>Add Other</i>
Existing Solar				
Existing Other				

- Resources using surplus interconnection service will be eligible so long as they have a surplus interconnection service study from PacifiCorp Transmission which confirms the estimated cost and online date for any required upgrades.
 - Bidder must have requested and received Surplus Interconnection Study from Pac Trans.
 - See OATT Section 38.3 and Business Practice 80.
- Bidder is to specify their performance of delivery associated with their bid in consideration of the existing resource/facility and corresponding contract.
- Incremental surplus resource must be capable of individual metering and test (performance guarantees).
- Output of both existing facility and additional surplus facility must both be on-system resources contracted to PacifiCorp.

2022 Cluster Study

Interconnection and Transmission Rules

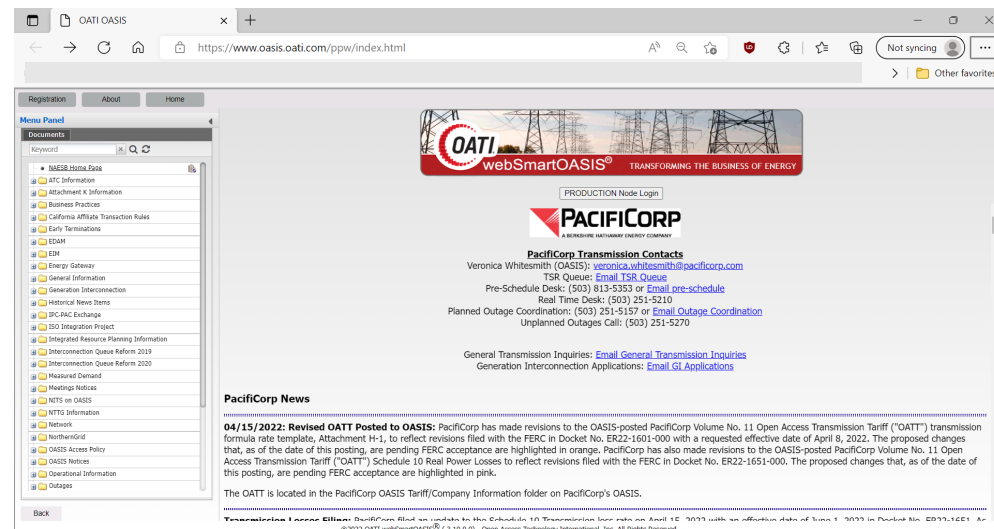
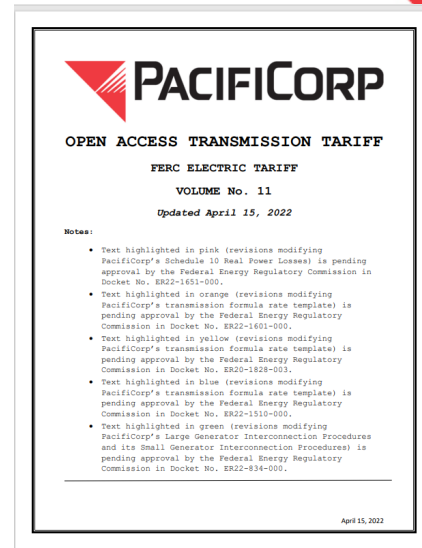
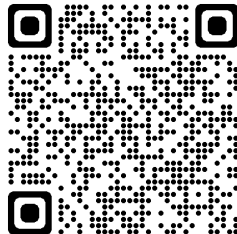
- Open Access Same-Time Information System (OASIS): The information system and standards of conduct contained in Part 37 of the Federal Energy Regulatory Commission (FERC)'s regulations and all additional requirements implemented by subsequent Commission orders dealing with OASIS.

- <https://www.oasis.oati.com/ppw/index.html>

- OATT: Open Access Transmission Tariff: PacifiCorp Transmission's Tariff through which open access transmission service and Interconnection Service are offered, as filed with FERC.

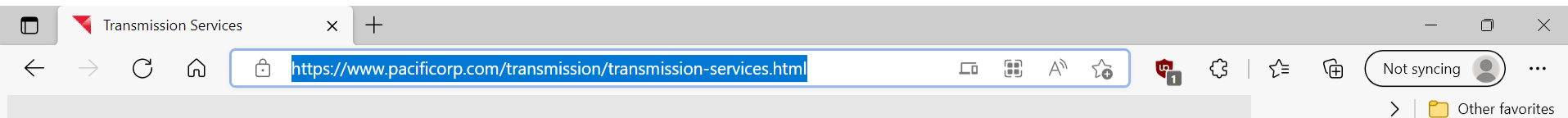
- https://www.oasis.oati.com/woa/docs/PPW/PPWdocs/20220415_OATTMaster.pdf

- II: Point-to-Point Transmission Service
- III: Network Integration Transmission Service
- IV: Large Generation Interconnection Service
- V: Small Generation Interconnection Service



PacifiCorp Interconnection Process

- [Transmission Services \(pacifiCorp.com\)](https://www.pacifiCorp.com/transmission/transmission-services.html)
- <https://www.pacifiCorp.com/transmission/transmission-services.html>



ENERGY

TRANSMISSION

ENVIRONMENT

COMMUNITY



Transmission

Transmission projects

[Transmission services](#)

Transmission services

Standards and practices

PacifiCorp's transmission business operates independently and markets its transmission services using an Open Access Same-time Information System (OASIS). Information about PacifiCorp's Open Access Transmission Tariff (OATT), Business rules, standards and practices, Standards of Conduct and Available Transfer Capability (ATC) Information can be found here.

[VISIT OASIS](#)

Generation interconnection

Generation interconnection requests to PacifiCorp's transmission or distribution systems are managed by PacifiCorp's Generation Interconnection department.

All interconnection information can be found on PacifiCorp's [OASIS page](#). Applications and other useful

Transmission Tariff (OATT), Business rules, standards and practices, Standards of Conduct and Available Transfer Capability (ATC) Information can be found here.

VISIT OASIS

Generation interconnection

Generation Interconnection requests to PacifiCorp's transmission or distribution systems are managed by PacifiCorp's Generation Interconnection department.

All interconnection information can be found on PacifiCorp's [OASIS page](#). Applications and other useful information can be found under the Generation Interconnection and TSR Queues folder.

For questions please contact:

Generation Interconnection (GIQ)

Kris Bremer

503-813-6496

Kristopher.Bremer@PacifiCorp.com

Transmission Service Requests (TSR)

Veronica Whitesmith

503-813-6958

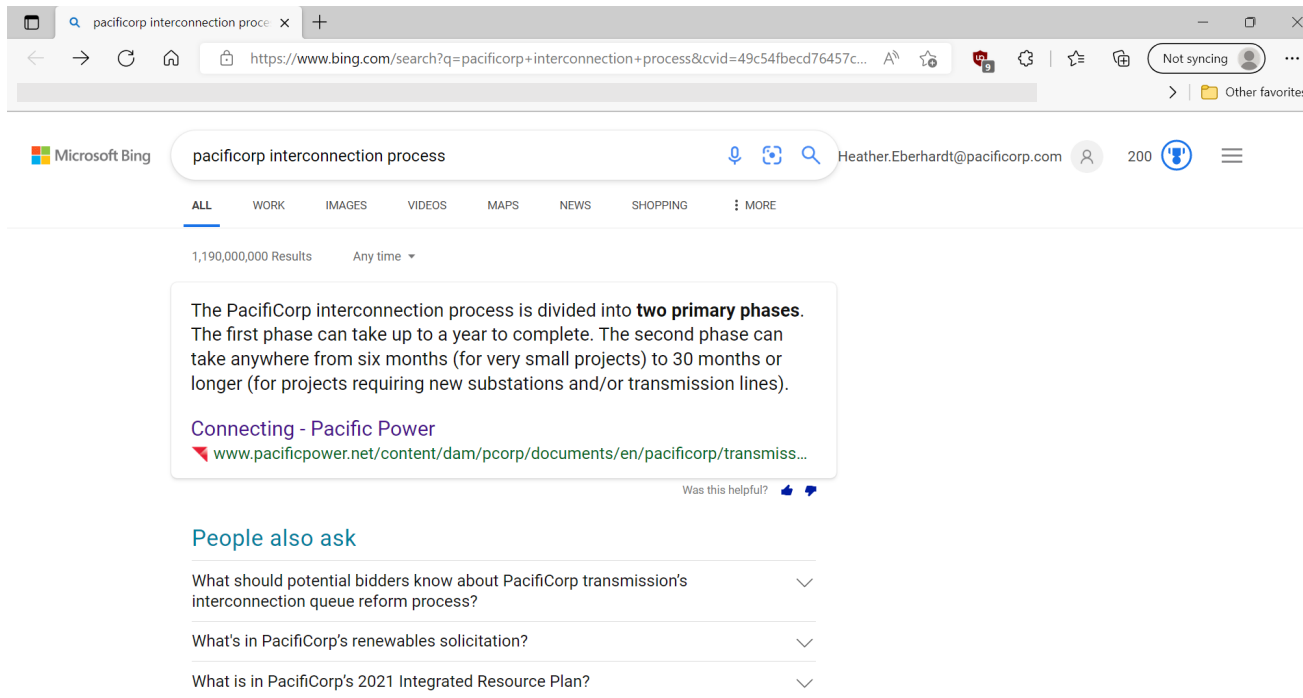
Veronica.Whitesmith@PacifiCorp.com

Related links

- [Federal Energy Regulatory Commission](#)
- [North American Energy Standards Board](#)
- [North American Electric Reliability Corporation](#)
- [Western Electricity Coordinating Council](#)
- [Northern Tier Transmission Group](#)

PacifiCorp Interconnection Process

- [PC Interconnection LrgCust Brochure.pdf \(pacificpower.net\)](https://www.pacificpower.net/content/dam/pcorp/documents/en/pacificorp/transmission/PC_Interconnection_LrgCust_Brochure.pdf#:~:text=The%20PacifiCorp%20interconnection%20process%20is%20divided%20into%20two,%28for%20projects%20requiring%20new%20substations%20and%20For%20transmission%20lines%29.)



- https://www.pacificpower.net/content/dam/pcorp/documents/en/pacificorp/transmission/PC_Interconnection_LrgCust_Brochure.pdf#:~:text=The%20PacifiCorp%20interconnection%20process%20is%20divided%20into%20two,%28for%20projects%20requiring%20new%20substations%20and%20For%20transmission%20lines%29.

PacifiCorp Interconnection Process

To protect the electric reliability and safety of all of our customers, we look at the big picture.

Your project may affect the electrical reliability and safety of our other customers or neighboring utilities. Consequently you may be asked to purchase equipment outside the design scope of your project to eliminate those risks. PacifiCorp considers the issues below for each interconnection:

- Power size and type of generation already connected (or planned to be connected) to the circuit, in addition to any holders of transmission rights at a point of interconnection.
- Locations of protective devices between the point of interconnection of your generation and the power system source.
- Local load centers
- The dead time between the interruption of fault current and the automatic reclosing of the fault interrupting devices on the circuit.
- Minimum power consumed by the customers connected to the substation transformer.
- Type of protection system used for the power transformer at the power system source substation.
- Location of the interconnection in relationship to other non-PacifiCorp electric systems in the area that may be impacted.



Connecting to PacifiCorp's transmission and distribution system

Commercial Generation Interconnection



PacifiCorp welcomes your interest in generation interconnection. Our goal is to make the process for connecting to our transmission and distribution system easy to understand so there are no surprises after you initiate final engineering and construction on your project. With that goal in mind, we have created this guide to get you started.

Every interconnection project is unique and we encourage you to contact us early during your planning process because PacifiCorp's specific requirements may impact design and/or construction of your facility. Both you and PacifiCorp are bound by the same rules available at pacificorp.com/interconnect.

PacifiCorp's general interconnection requirements

All facilities will meet or exceed the minimum performance and design standards of Western Electricity Coordinating Council, North American Electric Reliability Corporation and PacifiCorp. This

safeguard is important to ensure a facility will not compromise the safety, reliability and operability of PacifiCorp's or another operator's electric grid or place other PacifiCorp customers' equipment at risk.

A few of the technical and contractual requirements for interconnection of generation to the electrical grid are:

- You will be required to provide protection and control equipment.
- Your generating facility must include a disconnect switch that provides a visible break, is lockable in the open position and is located between the production meter and the connection to the generating facility. The switch must be accessible to PacifiCorp personnel 24 hours a day, 365 days a year for maintenance or system protection purposes.
- Your generation system shall not contribute to transient overvoltage conditions. This is accomplished either by using inverters that comply with the most recent version of IEEE 1547, or by effectively grounding your generation system.
- The protection system at your generation site must meet the latest IEEE 1547 standard and PacifiCorp Policy 138 or Policy 139.

PacifiCorp Interconnection Process

Due to the intermittent nature of wind and solar generation, PacifiCorp has specific voltage support requirements for these interconnect customers. During normal voltage conditions, the voltage control scheme should operate to minimize the reactive exchange between your project and PacifiCorp's system.

Interconnection categories

PacifiCorp's transmission department follows many different state and federal rules that relate to the interconnection of generation facilities.

- Federal rules are overseen by the Federal Energy Regulatory Commission, and defined by our Open Access Transmission Tariff which is available at www.oasis.oati.com/ppw/.
- Non-federal jurisdictional project Qualifying Facility rules are defined by Public Utility Regulatory Policies Act, and overseen at the federal and state level. Qualifying Facility rules can be found at www.ferc.gov/industries/electric/gen-info/qual-fac.asp.
- For state jurisdictional rules, consult the public utility commission for the state in which your project is located.

The table below broadly categorizes the process PacifiCorp will follow for an application.

PacifiCorp category		Generation system size	Typical system voltage
Federal Energy Regulatory Commission	Small Generator Interconnect Process	Less than 20 megawatts	Transmission: Greater than 46 kilovolts (Some interconnections are on PacifiCorp's distribution system)
	Large Generator Interconnect Process	Greater than 20 megawatts	Transmission: Greater than 46 kilovolts
Public Utility Regulatory Policies Act	State Jurisdictional / Qualifying Facility	<ul style="list-style-type: none"> Small: State dependent, below 20 megawatts (some below 10 megawatts) Large: 20-80 megawatts 	Small: Almost always less than or equal to 34.5 kilovolts Large: Transmission

Each category has additional interconnection requirements. Here are some examples:

Federal Energy Regulatory Commission: Small Generator Interconnect Process

- FERC has jurisdiction over small generators if the point of interconnection is on PacifiCorp's transmission system or on "non-virgin" distribution (prior-existing generation on circuit) and project does not sell its generation as a Qualifying Facility.
- If project is above 3 megawatt nameplate, real time communications for generator data collection provided to PacifiCorp's control center will be required.

Federal Energy Regulatory Commission: Large Generator Interconnect Process

- FERC has jurisdiction over large generators if the point of interconnection is on PacifiCorp's transmission system, but not on the distribution system.
- Dependent on the configuration of the transmission system at the point of interconnection, a different type of interconnection will be required (e.g. existing transmission system configured radially may allow a tap protected by a single breaker vs. the existing transmission system configured as a loop which would require a ring bus point of interconnection at the substation).



Public Utility Regulatory Policies Act Jurisdictional: State Jurisdictional and /or Qualifying Facility

FERC does not have jurisdiction over interconnections where the generation output is assumed to be consumed within the state it is generated, either on a local distribution system or as a Qualifying Facility. Generation which falls into this category becomes the jurisdiction of the state in which it is generated. Certain states (Oregon, Utah and Washington) have specific rules for generation which fits into their statutes; if a state does not have specific rules PacifiCorp will default to the FERC process to manage the study process:

- The state-specific rules will only apply to projects defined as Qualifying Facilities or "small generators," or that are less than 20 megawatts.
- To be a Qualifying Facility, the generator MUST be classified as renewable or a cogeneration facility, be under 80 megawatts and must intend to sell its power to PacifiCorp Commercial and Trading as a Qualifying Facility.
- Based on the interconnection studies, you will be responsible for all costs associated with the interconnection.

PacifiCorp's interconnection process

The PacifiCorp interconnection process is divided into two primary phases. The first phase can take up to a year to complete. The second phase can take anywhere from six months (for very small projects) to 30 months or longer (for projects requiring new substations and/or transmission lines).

Getting Started:

Step 1. Submit the appropriate application, deposit and any materials as required by your application to PacifiCorp's transmission services department. Applications will not be processed until PacifiCorp receives a signed application and associated deposit.

Step 2. PacifiCorp will review the application to determine completeness. Upon declaring the application complete, PacifiCorp representatives will schedule an initial scoping meeting with you.

Step 3. You will decide whether to proceed with Feasibility Study or System Impact Study.

Step 4. Start study process, includes successive studies that will refine the specifics of the work which needs to be completed. Studies, in order, include Feasibility, System Impact and Facilities.


Step 5. You then will review the final costs as estimated in the Facilities study, but you will be responsible for actual costs. Upon agreement, PacifiCorp will furnish you with an interconnection agreement for negotiation and execution.

Step 6. Upon finalization of the interconnection agreement, PacifiCorp engineering and project management will begin detailed engineering and facilities procurement for the project.

Step 7. You will coordinate with PacifiCorp to complete required construction for the project.

Step 8. Once final testing is complete, your generation facility can commercially operate! Actual costs will be billed upon project completion.

For more information, please visit pacificorp.com/interconnect.



2022AS RFP – Appendix H-3

Transmission Summary of OASIS Queue Positions

Appendix H-3 is an excel spreadsheet which includes four tabs showing each of the following OASIS reports at the time of RFP issuance and are subject to change:

- Active Serial Queue Positions
- Executed Interconnection Agreements – Not in Service
- Transition Cluster Study
- First Annual Cluster Study (Cluster Study 1)

Menu Panel

Documents

Keyword 🔍 ↻

- NAESB Home Page 📄
- 📁 ATC Information
- 📁 Attachment K Information
- 📁 Business Practices
- 📁 California Affiliate Transaction Rules
- 📁 Early Terminations
- 📁 EDAM
- 📁 EIM
- 📁 Energy Gateway
- 📁 General Information
- 📁 Generation Interconnection
 - PacifiCorp OV11 Tariff
 - 📁 Applications
 - 📁 Additional Information
 - 📁 Cluster Queue
 - 📁 Colstrip Queue
 - 📁 Informational Study Queue
 - 📁 Oregon Community Solar Queue
 - 📁 Provisional Queue
 - 📁 Serial Queue
 - 📁 Surplus Queue
 - 📁 Model Files
 - 📁 Queue Statistics
 - 📁 Transition Cluster Information
- 📁 Historical News Items
- 📁 IPC-PAC Exchange
- 📁 ISO Integration Project

← Tariff (Process)

← Cluster Queue



PRODUCTION Node Lo



PacifiCorp Transmission Contacts

Veronica Whitesmith (OASIS): veronica.whitesmith@pacificorp.com

TSR Queue: [Email TSR Queue](#)

Pre-Schedule Desk: (503) 813-5353 or [Email pre-schedule](#)

Real Time Desk: (503) 251-5210

Planned Outage Coordination: (503) 251-5157 or [Email Outage Coordination](#)

Unplanned Outages Call: (503) 251-5270

General Transmission Inquiries: [Email General Transmission Inquiries](#)

Generation Interconnection Applications: [Email GI Applications](#)

PacifiCorp News

04/15/2022: Revised OATT Posted to OASIS: PacifiCorp has made revisions to the OASIS-posted PacifiCorp Volume No. 11 Open Access Transmission Tariff (OATT) Schedule 10 Real Power Losses to reflect revisions filed with the FERC in Docket No. ER22-1651-000. This posting, are pending FERC acceptance are highlighted in pink.

The OATT is located in the PacifiCorp OASIS Tariff/Company Information folder on PacifiCorp's OASIS.

Transmission Losses Filing: PacifiCorp filed an update to the Schedule 10 Transmission loss rate on April 15, 2022 with an effective date of April 15, 2022.

PacifiCorp OATT

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PacifiCorp
FERC Electric Tariff Volume No. 11
Open Access Transmission Tariff

IV. LARGE GENERATION INTERCONNECTION SERVICE

38 Interconnection Requests and Informational Interconnection Study Requests

38.1 Interconnection Requests: An Interconnection Customer shall submit to Transmission Provider, during a Cluster Request Window, an Interconnection Request in the form of Appendix 1 to this LGIP and a refundable deposit of:

- a. \$75,000 for requests of less than 50 MW;
- b. \$150,000 for requests of 50 MW and greater, but less than 200 MW; or
- c. \$250,000 for requests of 200 MW and greater.

Pursuant to Section 39.2.2, Transmission Provider shall apply the deposit toward the cost of a Cluster Study into which Interconnection Customer is admitted

PacifiCorp OATT

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upon terms of the unexecuted surplus Interconnection Service Agreement, they may proceed pending FERC action.

38.4 Valid Interconnection Request:

38.4.1 Initiating an Interconnection Request.

Issued By: Rick Vail
Vice President, Transmission

Part IV Section 38, v.7.0.0
Effective: April 1, 2022

PacifiCorp
FERC Electric Tariff Volume No. 11
Open Access Transmission Tariff

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An Interconnection Customer wishing to join a Cluster shall submit its Interconnection Request to Transmission Provider within, and no later than the close of the Cluster Request Window. To initiate an Interconnection Request, Interconnection Customer must submit all of the following:

39.2.1 Cluster Request Windows.

Transmission Provider shall accept Interconnection Requests during a forty-five (45) Calendar Day period, hereinafter referred to as the "Cluster Request Window." The initial Cluster Request Window shall open for Interconnection Requests beginning April 1 following commencement of the transition process set out in Attachment W to this Tariff and successive Cluster Request Windows shall open annually every April 1 thereafter.

The 2022 Cluster Request Window closes on Sunday May 15, 2022

Question & Comments



Supplemental Material

OATT Definitions

OATT Definitions

- COMMON SERVICE PROVISIONS 1 Definitions
- 1.15B Interconnection Customer: Any Eligible Customer (or its Designated Agent) that executes an agreement to receive generation interconnection service pursuant to Part IV or Part V of this Tariff.
- 1.55 Transmission Customer: Any Eligible Customer (or its Designated Agent) that (i) executes a Service Agreement, or (ii) requests in writing that the Transmission Provider file with the Commission, a proposed unexecuted Service Agreement to receive transmission service under Part II of the Tariff. This term is used in the Part I Common Service Provisions to include customers receiving transmission service under Part II and Part III of this Tariff.
- 1.56 Transmission Provider: PacifiCorp (or its designated agent), which owns, controls, or operates transmission or distribution facilities used for the transmission of electric energy in interstate commerce and provides transmission service under the Tariff.
- 1.59 Transmission System: The facilities (for PacifiCorp that are generally operated at a voltage greater than 34.5 kV) that are owned, controlled or operated by the Transmission Provider; that are used to provide Transmission Service under Part II and Part III of the Tariff; and that are included in the Transmission Provider's transmission revenue requirement periodically filed with the Commission.

OATT Definitions

- 1.21 Network Customer: An entity receiving transmission service pursuant to the terms of the Transmission Provider's Network Integration Transmission Service under Part III of the Tariff.
- 1.22 Network Integration Transmission Service: The transmission service provided under Part III of the Tariff.
- 1.26 Network Resource: Any designated generating resource owned, purchased, or leased by a Network Customer under the Network Integration Transmission Service Tariff. Network Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Network Customer's Network Load on a non-interruptible basis, except for purposes of fulfilling obligations under a reserve sharing program or output associated with an EIM Dispatch Instruction.
- 1.30H PacifiCorp EIM Participating Resource: A resource or a portion of a resource: (1) that has been certified in accordance with Attachment T by the PacifiCorp EIM Entity as eligible to participate in the EIM; and (2) for which the generation owner and/or operator enters into the MO's pro forma EIM Participating Resource Agreement. For purposes of the provisions of Attachment T governing requirements for PacifiCorp EIM Participating Resources, a resource shall also include a load providing Curtailable Demand, Demand Response Service, or similar service as defined in the MO Tariff and for which the MO Tariff permits participation in the EIM.

OATT Definitions

- 1.37 Point(s) of Delivery: Point(s) on the Transmission Provider's Transmission System where capacity and energy transmitted by the Transmission Provider will be made available to the Receiving Party under Part II of the Tariff. The Point(s) of Delivery shall be specified in the Service Agreement for Long-Term Firm Point-To-Point Transmission Service.
- 1.39 Point-To-Point Transmission Service: The reservation and transmission of capacity and energy on either a firm or non-firm basis from the Point(s) of Receipt to the Point(s) of Delivery under Part II of the Tariff.
- 1.40 Power Purchaser: The entity that is purchasing the capacity and energy to be transmitted under the Tariff.

OATT Definitions

- IV. LARGE GENERATION INTERCONNECTION SERVICE. Section 36
- Interconnection Customer shall mean any entity, including the Transmission Provider, Transmission Owner or any of the Affiliates or subsidiaries of either, that proposes to interconnect its Generating Facility with the Transmission Provider's Transmission System. For purposes of the Transmission Provider's Cluster Study process conducted pursuant to Section 42 of this LGIP, and except as modified by Section 51 of Transmission Provider's OATT, "Interconnection Customer" shall also mean any Small Generating Facility that is participating in a Cluster.
- Transmission Provider shall mean the public utility (or its designated agent) that owns, controls, or operates transmission or distribution facilities used for the transmission of electricity in interstate commerce and provides transmission service under the Tariff. The term Transmission Provider should be read to include the Transmission Owner when the Transmission Owner is separate from the Transmission Provider.
- Transmission Owner shall mean an entity that owns, leases or otherwise possesses an interest in the portion of the Transmission System at the Point of Interconnection and may be a Party to the Standard Large Generator Interconnection Agreement to the extent necessary.
- Transmission System shall mean the facilities owned, controlled or operated by the Transmission Provider or Transmission Owner that are used to provide transmission service under the Tariff.

OATT Definitions

- IV. LARGE GENERATION INTERCONNECTION SERVICE. Section 36 - Continued
- Clustering shall mean the process whereby a group of Interconnection Requests is studied together, instead of serially, as described in more detail in Section 42.
- Cluster Study shall mean an Interconnection Study evaluating one or more Interconnection Requests within a Cluster as described in more detail in Section 42.4 of this LGIP.
- Interconnection Study shall mean any of the following studies: the Informational Interconnection Study, the Cluster Study, the Surplus Interconnection Service System Impact Study, and the Interconnection Facilities Study described in the Standard Large Generator Interconnection Procedures.
- Interconnection Request shall mean an Interconnection Customer's request, in the form of Appendix 1 to the Standard Large Generator Interconnection Procedures, in accordance with the Tariff, to interconnect a new Generating Facility, or to increase the capacity of, or make a Material Modification to the operating characteristics of, an existing Generating Facility that is interconnected with the Transmission Provider's Transmission System. For purposes of the Transmission Provider's Cluster Study process conducted pursuant to Section 42 of this LGIP, and except as modified by Section 51 of Transmission Provider's OATT, "Interconnection Request" shall also mean any interconnection request from a Small Generating Facility that is participating in a Cluster.
- Cluster Request Window shall have the meaning set forth in Section 39.2.1 of this LGIP.