



# UM 1930 Oregon Community Solar Program

Workshop on Project  
Interconnection in  
PacifiCorp Service Area

November 14, 2023

# Workshop Goals

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1. Improve understanding of drivers of CSP project interconnection delays in PacifiCorp service area
2. Increase transparency of process for all parties to bring more projects online as soon as possible.
3. Communicate Staff and Program perspective including next steps to monitor progress and advance operational projects online.

# Who's Who

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## Host

Joe Abraham, Senior Utility Analyst

## Presenters

Kris Bremer, PacifiCorp

John Lowe, Renewable Energy Coalition (REC)

Irion Sanger, on behalf of OSSIA, CREA, and REC

Jess Siegel, CSP Program Administrator

# Who's Who

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Please introduce yourselves in chat.

Name and any organizational affiliation

# Workshop Agenda

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1. CSP Interconnection Queue Update and Outlook (10:40 – 11:00 AM)
2. Q&A and Discussion (11:00 – 11:15)
3. Comments from Renewable Energy Coalition, Oregon Solar + Solar Industries Assoc., and Community Renew. Energy Assoc. (11:15 – 11:30)
4. Continued Q&A and Discussion (11:30 – 11:45)
5. Staff and Program Perspective, Next Steps (11:45 – 12 PM)

# Operating Agreements

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1. Be energy efficient: (Allow room for multiple perspectives. Leave time for everyone.)
2. Stay engaged (connected) without tripping the circuit breaker: (Don't overheat.)
3. Consider environmental conditions: (Mute when not speaking.)
4. Seek understanding: (Listen to understand, not to respond.)
5. Suggestions from participants



# PacifiCorp Oregon Community Solar Projects Update and Outlook

November 14, 2023

# PacifiCorp Oregon Community Solar Projects Status

- Total Number of Requests Received
  - ▶ 90 – 119.367 megawatts
- Number of Requests in Study Process
  - ▶ 9 – 13.48 megawatts
- Number of Requests Which Signed Interconnection Agreements
  - ▶ 46 – 63.674 megawatts
- Number of Projects In Service
  - ▶ 6 – 2.464 megawatts

## Number of Projects Projected to be Energized

2024 – 19 – 32.775 megawatts

2025 – 10 – 15.672 megawatts



- \* This data is limited to requests submitted through PacifiCorp’s Oregon Community Solar interconnection procedures queue and does not include other potential projects that may have been submitted through PacifiCorp’s standard serial or cluster procedures.



# PacifiCorp Design and Construction Guidance and Lessons Learned

## – Project Kickoff Milestones

### ▶ Milestones to be Complete to Begin the Project

- Establish Site Load Request – Triggers engagement of PacifiCorp Operations team
- Provide Initial Design Package – Initial solar site layout accompanied by a site walk with PacifiCorp Operations and Project Management staff. It is important that developers engage with PacifiCorp’s project management team at the very beginning of the milestone schedule

## – Solar Site Construction

### ▶ Milestones to be Complete Prior to Construction of the Solar Site

- All Necessary Property Rights for PacifiCorp’s Line Extension Procured
- Final Design of PacifiCorp’s Line Extension Complete
- Access Road for PacifiCorp’s Line Extension Complete

## – Energization

### ▶ Milestones to be Complete Prior to Energization

- Confirm relay settings have been reviewed by PacifiCorp
- Submit Recloser Maintenance Plan to PacifiCorp

## – Other Critical Schedule Impacts

- ▶ Sale of the project
- ▶ Delays on items not related to the interconnection agreement (PPA, Program Certification, Permits)



# PacifiCorp Small Generator Interconnection Request Information and Resource Document

- ▶ Contains information intended to help small developers navigate the Oregon generation interconnection processes
  - Oregon Interconnection Study Procedures
  - Typical PacifiCorp Interconnection Requirements
  - Typical PacifiCorp Timelines
  - Links to PacifiCorp Information
- ▶ Posted on PacifiCorp's OASIS website

Registration About Home

Menu Panel

Documents

Keyword [ ] [ ] [ ]

- [-] EIM
- [-] Energy Gateway
- [-] General Information
- [-] Generation Interconnection
  - [-] PacifiCorp OV11 Tariff
  - [-] Applications
  - [-] Additional Information
  - [-] Optional Stand Alone FSR Study Assumptions
  - [-] Oregon Small Generator Information and Reso...**
  - [-] EIM BP - Comments from Deseret Power
  - [-] PacifiCorp Policy 138
  - [-] PacifiCorp Policy 139
  - [-] Oregon UM 2000 Interconnection Data
  - [-] LGIP Site Control Size Requirements
- [-] Cluster Queues
- [-] Collection Queue

Back

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Real Time Desk: (503) 251-5210  
Planned Outage Coordination: (503) 251-5157 or [Email Outage Coordination](#)  
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General Transmission Inquiries: [Email General Transmission Inquiries](#)  
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# Moderated Q&A

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- Please raise hand in Zoom
- Remain muted until we can get to you
- Ask questions in chat if you may be having audio issues

# Comments from OSSIA, CREA, REC

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- John Lowe, Renewable Energy Coalition (REC)
- Irion Sanger, on behalf of OSSIA, CREA, and REC

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# Staff Perspective and Next Steps

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- Participants, Projects, and Program are being harmed
- Additional avoidable delays must be diminished
- Projects need to become fully subscribed and operational
  
- **Moving forward**, Staff will develop a public mechanism to monitor and track progress to advance operational projects
- Increased ongoing monitoring, data collection and analysis
- Increased transparency, accountability for project managers/owners and PacifiCorp
- Implement changes to Certification extensions to surface Interconnection-related delays
- Consider potential needed PIM modifications

# Thank You

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## Staff Contact

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