Oregon Department of ENERGY

Notice of Intent
Informational Meeting – Echo Solar Project

Via WebEx/Teleconference

July 27, 2022
5:30 PM
AGENDA

- Welcome and Introductions
- Energy Facility Siting Process Overview
- Proposed Facility Overview
- Q & A Session
Echo Solar Project

- Proposed 1.25 GW solar photovoltaic power generation facility with up to 7.5 GWh of distributed battery storage
- Proposed site consists of 10,900 acres (17 square miles) of predominantly cultivated EFU land in Morrow County.
- Applicant is Echo Solar, LLC, a wholly owned subsidiary of Pine Gate Renewables, LLC.
Oregon’s Energy Facility Siting Program

- Before a person can construct or operate an energy facility in Oregon, it must obtain a site certificate from the Energy Facility Siting Council (EFSC).

- EFSC adopts standards to ensure that the siting, construction and operation of energy facilities is consistent with protection of the public health and safety and complies with Oregon’s energy, land use, and environmental protection policies.

- The Siting Division of the Oregon Department of Energy (ODOE) serves as staff to EFSC and facilitates review of applications for site certificate, including opportunities for public participation and agency consultation.
Requirements for Site Certificate

In order to issue a site certificate, EFSC must determine that:

• The facility complies with all applicable Council standards or the overall public benefits of the facility outweigh any adverse effects on a resource or interest protected by the standards the facility does not meet.

• The facility complies with all other Oregon laws and rules identified in the project order, as amended, as applicable to the issuance of a site certificate for the proposed facility.

• The facility complies with the statewide land use planning goals.
Energy Facility Siting Standards

- Organizational Expertise
- Structural
- Soil Protection
- Land Use
- Protected Areas
- Retirement and Financial Assurance
- Fish and Wildlife Habitat
- Threatened and Endangered Species
- Scenic Resources

- Historic, Cultural and Archaeological Resources
- Recreation
- Public Services
- Waste Minimization
- Wildfire Prevention
Study Areas
Land Use

- Applicant seeks a Council land use determination under ORS 469.504(1)(b)
- Morrow County Board of Commissioners has been appointed as the Special Advisory Group
- Facility will be evaluated against:
  - Local applicable substantive criteria determined by the Special Advisory Group
  - Any directly applicable state statutes and administrative rules adopted by Land Conservation and Development Commission
- Facility will require an exception to Statewide Planning Goal 3
Energy Facility Siting Process

Application for Site Certificate process

- Notice of Intent
  - Applicant
  - Public Comment
  - Agency Coordination

- Project Order
  - ODOE

- Application (pASC and ASC)
  - Applicant
  - Agency Coordination

- Draft Proposed Order
  - ODOE

- Proposed Order
  - ODOE

- Contested Case
  - Hearing Officer

- Final Order and Site Certificate
  - ODOE & EFSC

Applicant for Site Certificate process
• Reviewing Agencies and Special Advisory Groups:
  • Provide comments on the proposed facility within the jurisdiction or expertise of the agency
  • Make recommendations regarding the size and location of analysis area(s)
  • Identify:
    • Studies that should be conducted to identify potential impacts
    • Statutes, administrative rules, applicable substantive criteria, and local government ordinances administered by the agency
    • Permits administered by the agency that might apply to construction or operation of the proposed facility
Public Comments

• Opportunity for the public to comment on the Notice of Intent is Open. All written comments submitted to ODOE are on-the-record and provided to the applicant.

• Comment period closes on Friday, August 5, 2022.

• Oral Comments may be provided during the Q&A Session at this meeting.

• This meeting is not a public hearing, and participation is not required to establish standing to participate in the contested case during the review of the ASC.
ODOE Contact

Christopher M. Clark, Senior Siting Analyst
Oregon Department of Energy
550 Capitol St. NE
Salem, OR 97301
503-871-7254
christopher.clark@energy.oregon.gov
Agenda

• Introductions
• Energy Facility Siting Council Permitting
• Energy Grid Interconnection
• Construction Timeline
• Energy Off-take & Community Benefits
Pine Gate Renewables

• Pine Gate Renewables (PGR) is a leader in the solar industry and an innovator in the movement for clean energy solutions. We specialize in developing and financing utility-scale solar farms, creating value throughout the project lifecycle. Through our strategic partnership with Blue Ridge Power, we fulfill all our project's engineering, procurement, and construction (EPC) needs to get our projects up and running.

• Pine Gate operates 100 solar projects in 20 states, accounting for more than 1GW of energy and have more than 15.5GW in active development.

• Pine Gate has developed 17 projects in Oregon, adding up to almost 90 MW (DC) of generation to the states' grid.
Gallatin Power Partners

- Gallatin Power Partners is a renewable energy development firm focused on building local partnerships to develop sustainable energy projects that benefit the local community, landowners, and the environment. The Gallatin Power Team brings extensive solar, wind, and battery experience having developed over 13 GW of projects spanning from California to Massachusetts.
Echo Solar
10,900 acres
1,250MW AC
Energy Facility Siting Council (EFSC) Permitting

- First Public Information Meeting July 27th, 2022.
- Application for site certificate to be submitted in Q1 2023.

- Wetland Delineation, Habitat Survey, Threatened and Endangered Plant Survey, Ambient Noise Monitoring, Scenic Resources and Washington Ground Squirrel surveys are all complete.
- Natural and Cultural Resource survey is underway and expected to be complete in September 2022.

- The majority of the project is currently cultivated with dryland wheat.
Energy Grid Interconnection

- Echo Solar is being studied for interconnection with both the Umatilla Electric Cooperative (UEC) and Bonneville Power Administration (BPA).

- The Facility will connect with the UEC system at the existing 230kV Blue Ridge Transmission Line near the intersection of Bombing Range Road and Alpine Lane on the north side of the Facility Site Boundary. If energy from the project flows from UEC to the BPA system, it will interconnect with BPA’s grid at the planned Longhorn Substation.

- Our project is unaffiliated with the proposed Boardman to Hemmingway transmission line (B2H) and has no current plans to connect with B2H.
Construction Timeline

• Estimated Construction Start Q4 2024.
• Estimated Construction completion date in Q2 2027.
• An average of approximately 400 employees will be present on-site during construction, with an anticipated on-site peak of up to 1,200 employees on-site at one time.
Energy Off-take & Community Benefits

• Oregon’s and the Northwest’s energy needs are growing and seeking clean energy sources. Echo Solar has the potential to serve a range of energy consumers from utility customers in the Pacific Northwest to large corporate consumers to regional energy exports.

• Echo Solar will produce clean, abundant energy which can help attract and retain additional high-tech industries to the area, from data centers to green hydrogen production to high-tech manufacturing, we believe our project will contribute to Morrow County’s growing economy.

• Solar energy creates additional good-paying, permanent jobs, and can help diversify rural economies, without dramatically altering a community’s character.
Contact Information

Joe Torkelson
Development Project Manager
Pine Gate Renewables
321-652-1835
jtorkelson@pgrenewables.com

Jeff L. Fox
VP, Land & Community Affairs
Gallatin Power Partners
406-599-2916
jeff@gallatinpower.com
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The Department will Establish Time Limits, if Necessary.

Thank You for Your Patience While We Work on This.
Questions and Comments may be sent to:

Christopher M. Clark, Senior Siting Analyst
Oregon Department of Energy
550 Capitol St. NE; Salem, OR 97301
503-871-7254
christopher.clark@energy.oregon.gov