SCOPING MEETING FOR DRAFT ENVIRONMENTAL IMPACT REPORT

Estrella Substation and Paso Robles Area Reinforcement Project
Proposed Jointly by NextEra Energy Transmission West, LLC and Pacific Gas & Electric Company

Application No. 17-01-023

August 7th, 2018

California Public Utilities Commission
Purpose of Scoping Meeting

• Provide an overview of the California Public Utilities Commission (CPUC) application review processes

• Describe the proposed NextEra Energy Transmission West, LLC (NEETWest) and Pacific Gas & Electric Company (PG&E) Estrella Project
  – A new substation and 70-kV power line ...

• Allow the public and agencies to provide input on the scope and content of the Proposed Project’s Environmental Impact Report (EIR), including potential alternatives
Roles

**California Public Utilities Commission (CPUC)** 
Lead Agency under CEQA

**Horizon Water and Environment** 
Environmental Contractor for CPUC

**NextEra Energy Transmission West, LLC (NEET West)** 
Project Co-Applicant

**Pacific Gas and Electric Company (PG&E)** 
Project Co-Applicant
• Investor-owned utilities must submit a permit application to CPUC for construction of certain infrastructure listed under Public Utilities Code Section 1001 and pursuant to General Order 131-D.

• NEETWest and PG&E filed an application for the Estrella Project consisting of:
  1. Application A.17-01-023 for a Permit to Construct
  2. Proponent’s Environmental Assessment (PEA)

• CPUC has authority to approve or deny the application.

• CPUC permit application review involves:
  – Environmental review (CEQA)
  – CPUC Formal Proceeding
CEQA Overview

Basic purposes of CEQA (State CEQA Guidelines, Section 15002):

• Inform governmental decision makers and public about potential significant environmental effects of proposed activities
• Identify ways that environmental damage can be avoided or significantly reduced
• Prevent significant, avoidable damage to environment by requiring changes in projects through use of alternatives or mitigation measures when governmental agency finds project changes to be feasible
• Disclose to public the reasons why a governmental agency approved the project in the manner the agency chose if significant environmental effects are involved
CPUC Processes

CEQA ENVIRONMENTAL REVIEW PROCESS

- PEA Review and Deemed Complete (July 2018)
- Public Scoping Meeting and Environmental Review
- Circulation of Draft Environmental Impact Report (EIR) (Summer 2019)
- Comments on Draft EIR
- Final EIR Issued (2020)

Application A.17-01-023 Review Processes

Utility Files Application and PEA

Proposed Decision

Comments on Proposed Decision

Commissioner Vote and Final EIR Certified

FORMAL PROCEEDING PROCESS

- Application Docketed, Protests and Parties to Proceeding
- Other Motions and Party Responses
- Pre-Hearing Conference (2019; after Draft EIR Circulated)
- Scoping Memo
- Testimony
- Evidentiary Hearings (if needed)
- Briefs

Estrella Draft EIR Scoping Meeting
Summary of Applicants’ Project Objectives

• Increase reliability and mitigate thermal overloads and voltage concerns in the area by having an additional 230 kV source of power that will increase service reliability in northern San Luis Obispo County;

• Provide a location for future 21 kV distribution facilities with a 230/70 kV source near the anticipated growth areas in northern Paso Robles; and

• Balance safety, cost, and environmental impacts

*Note: CPUC will develop CEQA project objectives separately during the EIR process that may differ to some extent from the applicants’ stated objectives.
Proposed Project Components

**Estrella Substation Components**
- Constructing a new 230 kV / 70 kV substation on approx. 15-acre site
- Constructing a new 230 kV transmission line interconnection to existing 230 kV transmission facilities

**Power Line Components**
- Constructing a new approx. 7-mile-long 70 kV double circuit power line between new Estrella Substation and existing San Miguel-Paso Robles 70 kV power line
- Reconductoring / replacing approx. 3 miles of existing San Miguel-Paso Robles 70 kV power line from interconnection with new line from Estrella Substation to existing Paso Robles Substation
Where is the Proposed Project?
Simulation of the Proposed Estrella Substation
Typical Transmission Structure Diagrams (Interconnection)

Note: Not to scale. LSTs measure approximately 25 by 25 feet at base.
Typical Transmission Structure Diagrams (New Power Line)

Note: Not to scale. LDSPs have a 3-foot diameter at base and a 1-foot diameter at tip. TSPs have a 4-foot diameter at base and a 1.5-foot diameter at tip.
Typical Transmission Structure Diagrams (Reconductoring Segment)

Note: Not to scale. LDS are a 3-foot diameter at base and a 1-foot diameter at tip. TSP are a 4-foot diameter at base and a 1.5-foot diameter at tip.
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<td>Agriculture and forestry resources</td>
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<td>Cultural, archaeological, paleontological,</td>
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<td>(water, wastewater, solid waste)</td>
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Proposed Project and Potential Alternatives

Alternatives
- Estrella Route Alternative
- Creston Route Alternative
- Templeton-Paso Creston Route Alternative
- Templeton-Paso South River Route Alternative
- Templeton-Paso Existing 70 kV Route Alternative
- Substation Site Alternatives

Notes:
1. 70 kV power line alignments have not yet been provided for the McDonald Ranch and Mill Road West substation site Alternatives.
2. All Templeton - Paso Route Alternatives would require expansion of the existing Templeton substation.
3. Other alternatives (e.g., battery storage) will be considered, but have not yet been sited or sized.
Example Battery Storage Unit

1.25 megawatt, 5 megawatt-hour lithium ion battery in a 40-foot shipping container
How Can You Provide Comments?

• Fill out a comment card to submit written comments and questions tonight

• Submit comments after this meeting by mail, phone, or email

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<tr>
<th>Mail</th>
<th>Voice Mail</th>
<th>Email</th>
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<tbody>
<tr>
<td>Mr. Rob Peterson</td>
<td>(844) 211-7510</td>
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• Comments due by 5:00 p.m. on August 31, 2018

For more information, go to: http://www.cpuc.ca.gov/environment/info/horizonh2o/estrella/index.html