



SCOPING MEETING SCHOFIELD GENERATING STATION PROJECT ENVIRONMENTAL IMPACT STATEMENT



Scoping Meeting on the Proposed Construction and Operation of a Power Generation Plant at Schofield Barracks

ALOHA!

The purpose of this meeting is to inform the public about an Environmental Impact Statement (EIS) that will be prepared for the proposed Schofield Generating Station Project (SGSP). The Army and Hawaiian Electric Company are seeking public comments on the scope and content of the areas of analysis within the EIS.

- Please sign in at the registration table so we have a record of attendance. You will be added to the project mailing list and receive future project updates.
- Please sign up on the Commenter Sheet also found on the registration table if you plan to provide formal oral comments after the presentation. Each commenter will be allowed 3 minutes to comment.
- Please visit the displays around the room to learn more about the EIS process and the proposed project.
- Forms for written comments are available at the registration table. Comments can be submitted through March 2, 2014.

Meeting Agenda

6:30 – 7:00 p.m.	Poster Viewing and Public Comment Collection
7:00 – 7:05 p.m.	Welcoming Remarks
7:05 – 7:30 p.m.	Project Presentation
7:30 – 9:00 p.m.	Oral Comments and Additional Comment Collection



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Proposed Action

The proposed action is the granting of a lease and easement of Army land on Schofield Barracks, and granting of an easement and Conservation District Authorization to cross State land, to Hawaiian Electric Company for the construction, ownership, operation, and maintenance of a 50-megawatt (MW), biofuel-capable power generation plant (SGSP) and subtransmission line to connect the plant to the Hawaiian Electric Company grid.

For Hawaiian Electric Company, the SGSP would provide a quick-starting facility to help maintain grid stability and compensate for increasing demands on the network by new sources of power generation, such as wind and solar; provide a facility at a higher elevation and away from coastlines, which contributes to grid reliability and continuity if a natural disaster occurs; provide a physically secure facility on a military installation, contributing to grid continuity of operation in cases of a man-made threat; and make progress towards the State of Hawaii Renewable Portfolio Standards.

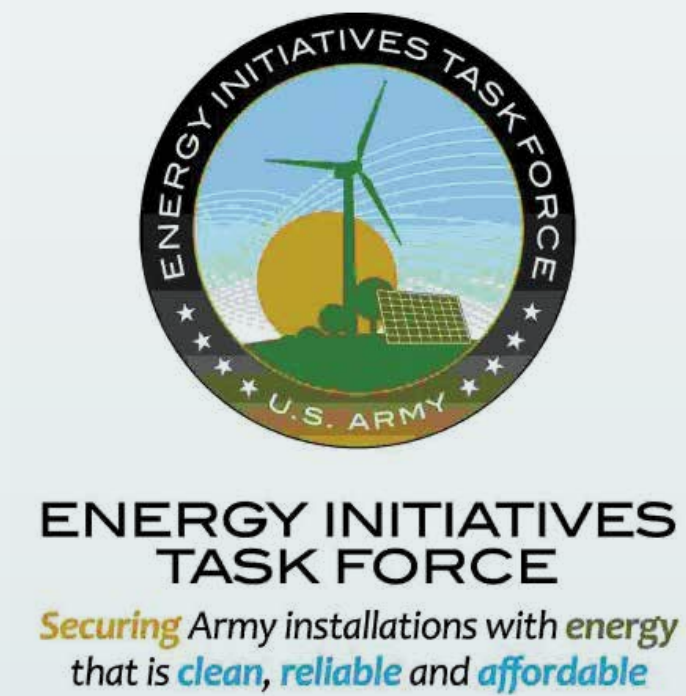
For the Army, the SGSP would provide an energy security service for three installations (Schofield Barracks, Wheeler Army Airfield, and Field Station Kunia) if loss of electricity service occurs from the normal sources of electricity supporting these installations. It would also contribute to the Army goals of producing renewable energy on Army-owned real property.



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Roles of Key Players for the Proposed Project



The Energy Initiatives Task Force (EITF) was established by the Secretary of the Army to serve as the central management office for partnering with Army installations to implement cost-effective, large-scale renewable energy projects, leveraging private sector financing for the purpose of (1) providing energy security to the Army, and (2) meeting Army renewable energy goals. The EITF acts as the project proponent on behalf of the Army and provides project support to USAG-HI.



U.S. Army Garrison—Hawaii (USAG-HI) is responsible for Schofield Barracks, Wheeler Army Airfield, and Field Station Kunia. USAG-HI would be the project host and would be provided “first call to power” from the SGSP in the event of extended grid outages. USAG-HI is the project proponent for the EIS under the federal requirements and would sign the Record of Decision (ROD), along with the Army Installation Management Command.



Hawaiian Electric Company would lease land from the Army for the power plant and seek easements from the Army and the Department of Land and Natural Resources (DLNR) for the associated transmission lines. The company would finance, design, build, own, and operate the power plant and transmission lines. For the State EIS process, Hawaiian Electric Company is the Applicant to the DLNR.



As the agency responsible for State-owned lands over which the new transmission line would pass, DLNR would grant an easement to Hawaiian Electric Company. DLNR has determined that the entire scope of the project meets the requirements for an EIS under State law, therefore, DLNR will be the Approving Agency for the EIS on behalf of the State.



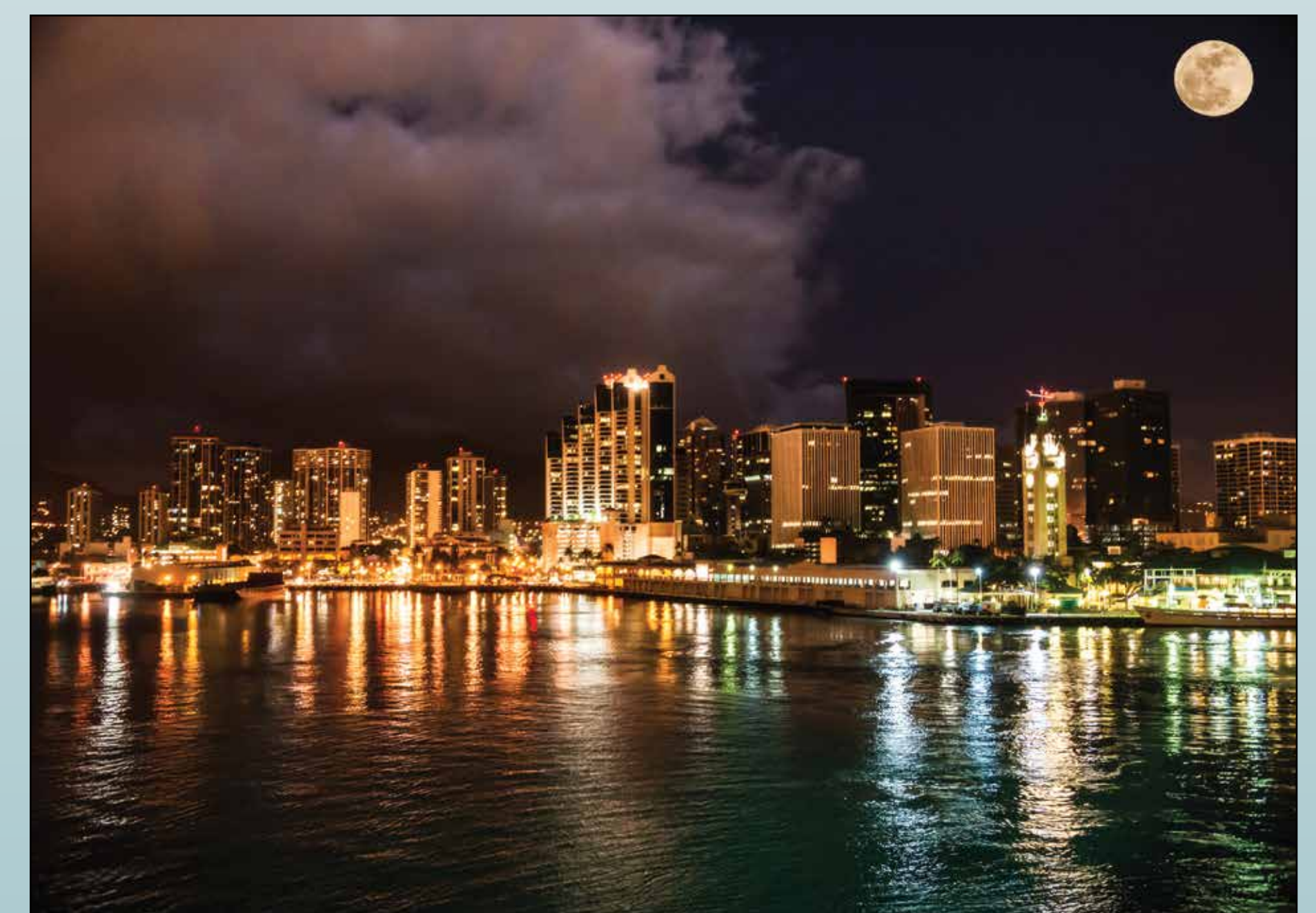
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How Would this Project Benefit the Public?

The project would benefit the residents of Oahu by:

- Providing 50 MW of new, modern, efficient, flexible power generation to all of Hawaiian Electric Company's customers.
- Enhancing the island's electrical resiliency and disaster response capability in the event of a natural or man-made disaster, by building Oahu's only power station located at elevation, away from coastlines, and on a military base with an airstrip capable of conducting and/or supporting military, National Guard, and FEMA disaster relief efforts.
- Enabling the integration of additional renewable energy sources to the grid, such as wind and solar power.
- Contributing to the State of Hawaii's Renewable Portfolio Standards and the Army's renewable energy goals by having the capability to burn renewable biofuels.
- Providing energy security for our military and National Guard units in support of their national security and disaster response missions.





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Overview of Energy Goals

Army's Energy Goals

- 25% of all energy consumed from renewable sources of supply by 2025
- Produce 1 gigawatt of renewable power on Army installations by 2025
- Provide energy security for all Army missions through the following:
 1. Surety – Preventing loss of access to power and fuel sources
 2. Supply – Accessing alternative and renewable energy sources available on installations
 3. Sufficiency – Providing adequate power for critical missions
 4. Survivability – Ensuring resilience in energy systems
 5. Sustainability – Promoting support for the Army's mission, its community, and the environment

Hawaii Clean Energy Initiative Goals

70% clean energy by 2030 with:

- 30% from efficiency measures
- 40% coming from locally generated renewable sources

Hawaii Renewable Portfolio Standards

Under Hawaii's Renewable Portfolio Standard, each electric utility company that sells electricity for consumption in Hawaii must establish the following percentages of renewable electrical energy sales:

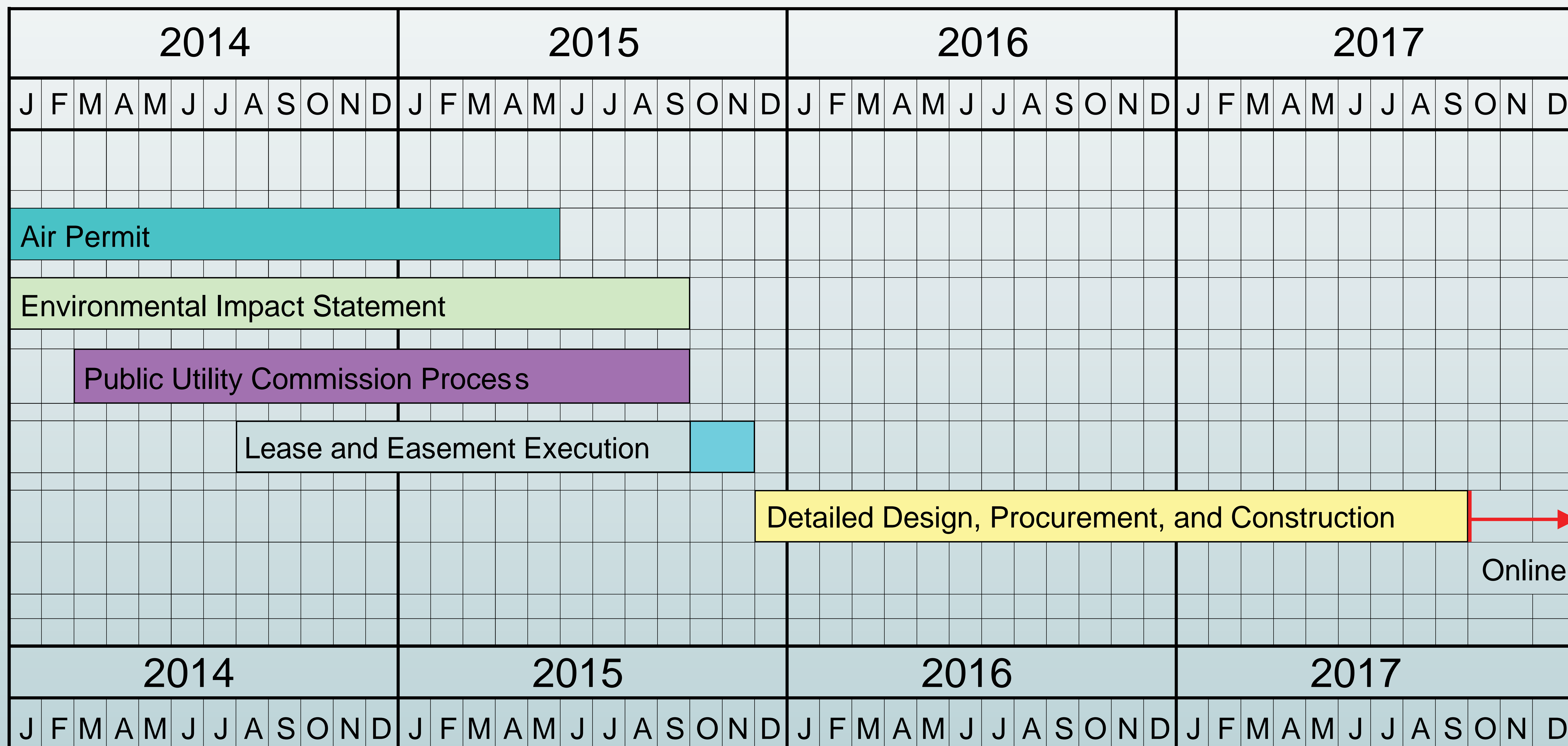
- 15% of its net electricity sales by December 31, 2015
- 25% of its net electricity sales by December 31, 2020
- 40% of its net electricity sales by December 31, 2030



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Project Timeline



Note: This timeline includes estimated dates only. The actual timeline could shift as the project progresses.

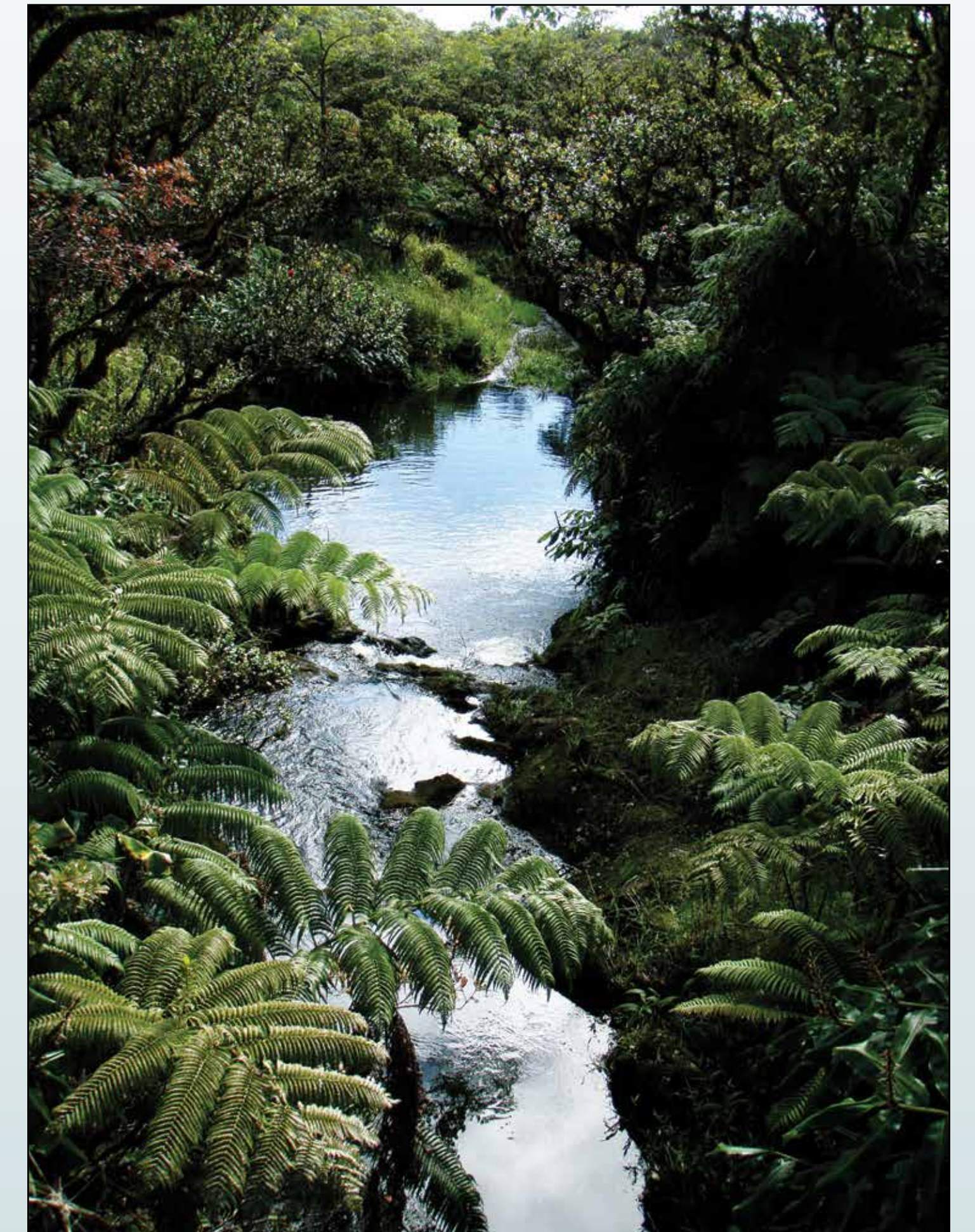


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What are the National Environmental Policy Act (NEPA) and the Hawaii Environmental Policy Act (HEPA)?

- NEPA and HEPA are Federal and State regulations that require the identification and analysis of potential significant effects on the quality of the natural and human environment of certain actions and alternatives before those actions take place.
- NEPA and HEPA are mechanisms for:
 - Encouraging the consideration of alternatives having the least adverse effect.
 - Evaluating potential environmental impacts.
 - Incorporating public involvement into the decision-making process.



What is an Environmental Impact Statement (EIS)?

- An EIS is a document that presents the analysis of the environmental effects of the proposed action and its alternatives.
- An EIS includes opportunities for public involvement in agency planning/decision-making processes.
- An EIS includes a description of the existing conditions of the affected environment against which effects of alternative actions are evaluated.
- An EIS includes the analysis of effects on the human and natural environment.
- An EIS defines the project's potential environmental consequences (direct, indirect, and cumulative effects) and intended mitigation measures.



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Steps in Preparing a Joint EIS

1. Issue a Notice of Intent (NOI) to prepare an EIS under NEPA and an EIS Preparation Notice (EISPN) under HEPA.
2. Consult and coordinate with regulatory agencies and the public to identify the scope and issues to be addressed in the EIS (the “scoping period”).
3. Prepare a Scope of Statement in response to comments received during the scoping period under NEPA.
4. Provide the written responses to public comments received in response to the EISPN under HEPA.
5. Prepare the Draft EIS.
6. Circulate the Draft EIS for agency and public comment.
7. Revise the EIS to address comments received.
8. Prepare the Final EIS.
9. Circulate the Final EIS for agency and public comment.
10. Accept the Final EIS under HEPA and issue a Record of Decision (ROD) under NEPA.

Proposed Schedule for the EIS

January 8, 2014	EISPN Issued
January 17, 2014	NOI Issued
January 17 – March 2, 2014	Scoping Period
Fall 2014	Issue Draft EIS for Public Review
Summer 2015	Issue Final EIS for Public Review
Fall 2015	Issue ROD



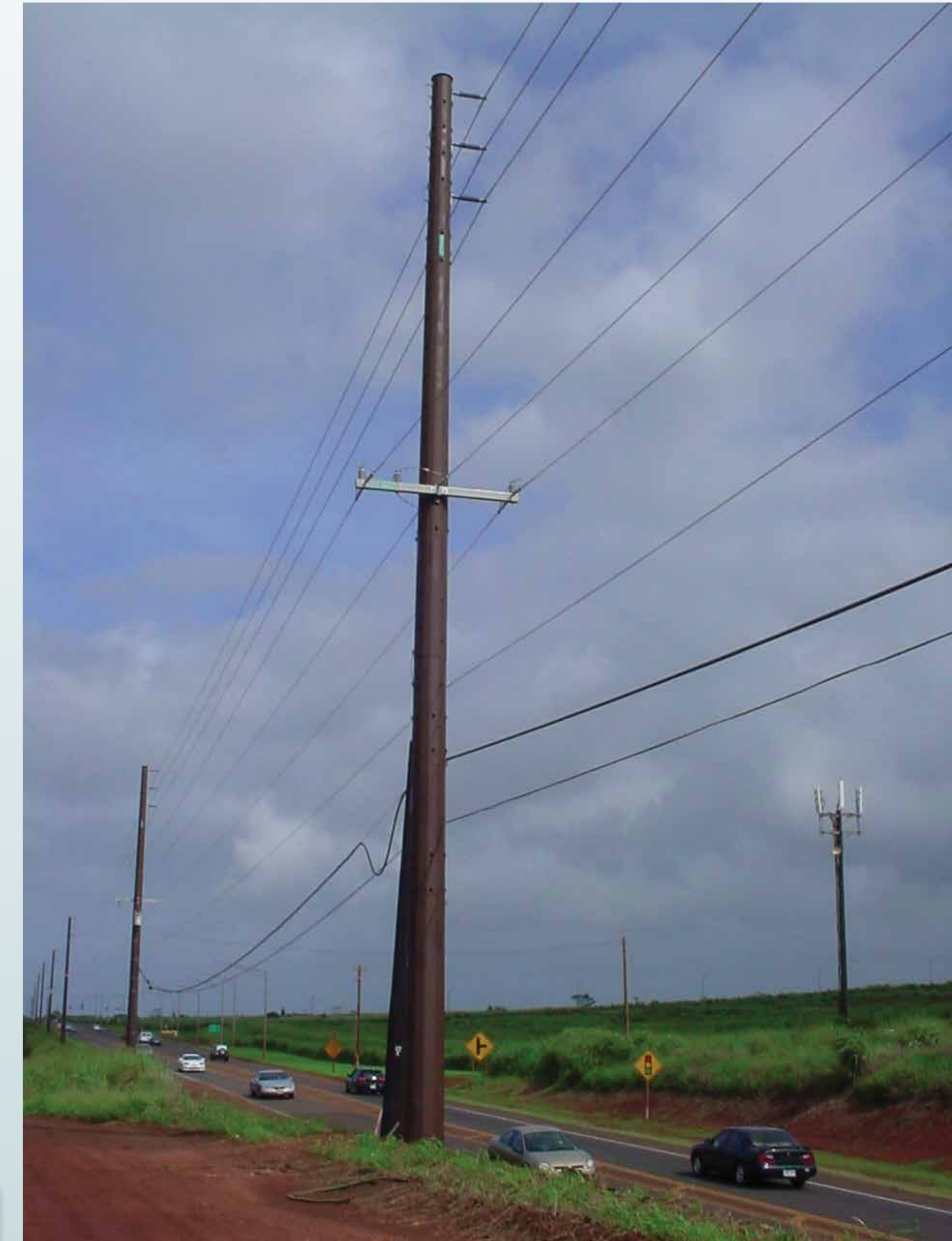


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EIS Areas of Analysis

- Air quality
- Airspace management
- Biological resources
- Cultural and historical resources
- Environmental justice
- Geology and soils
- Hazardous materials and waste management
- Land use
- Noise
- Public health and safety
- Socioeconomics
- Traffic and transportation
- Utilities and infrastructure
- Visual resources
- Water resources

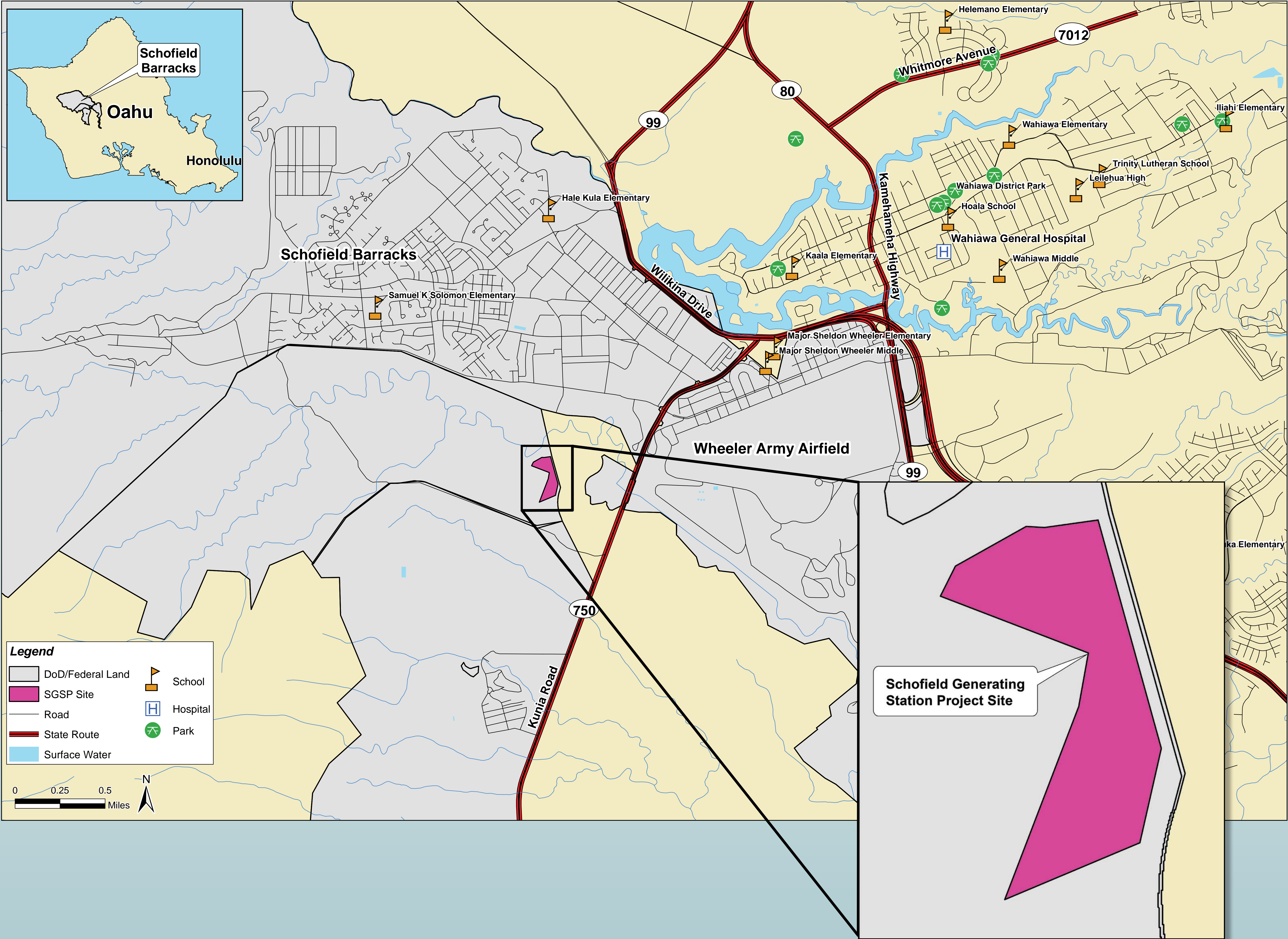




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Schofield Barracks and Proposed Project Site

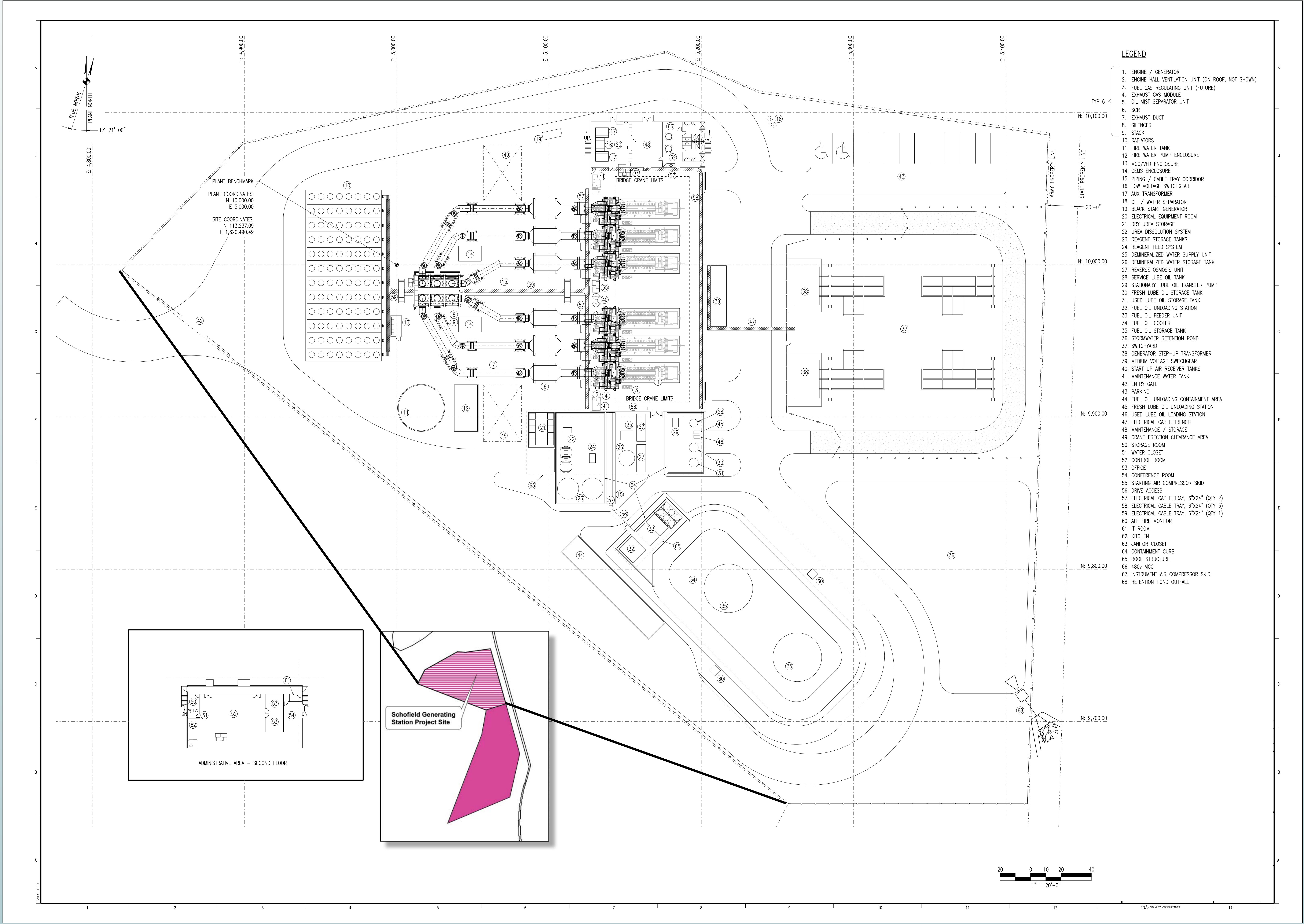




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Preliminary Project Site Design



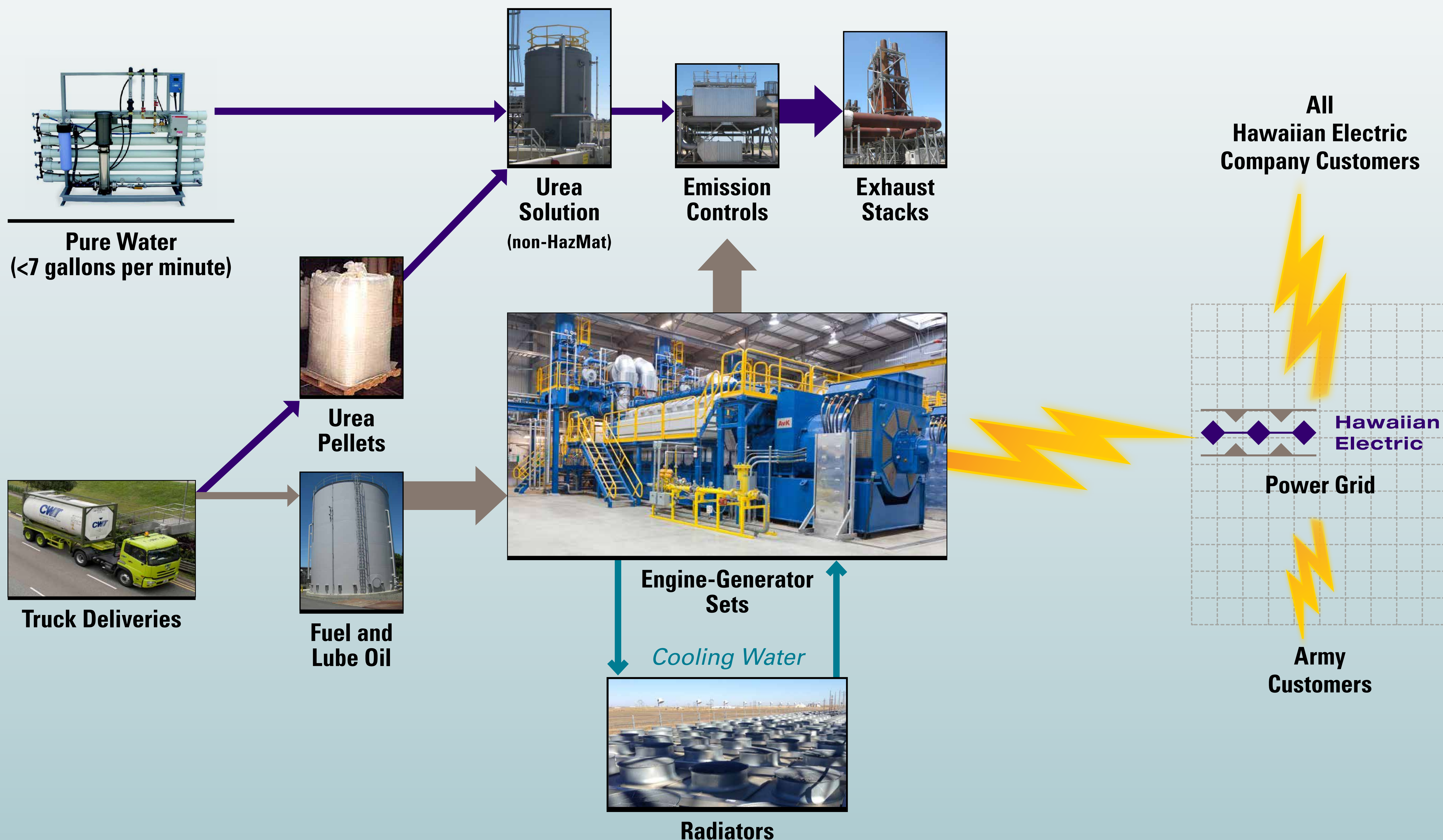
Preliminary design concept subject to change.



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How Will the Power Plant Work?

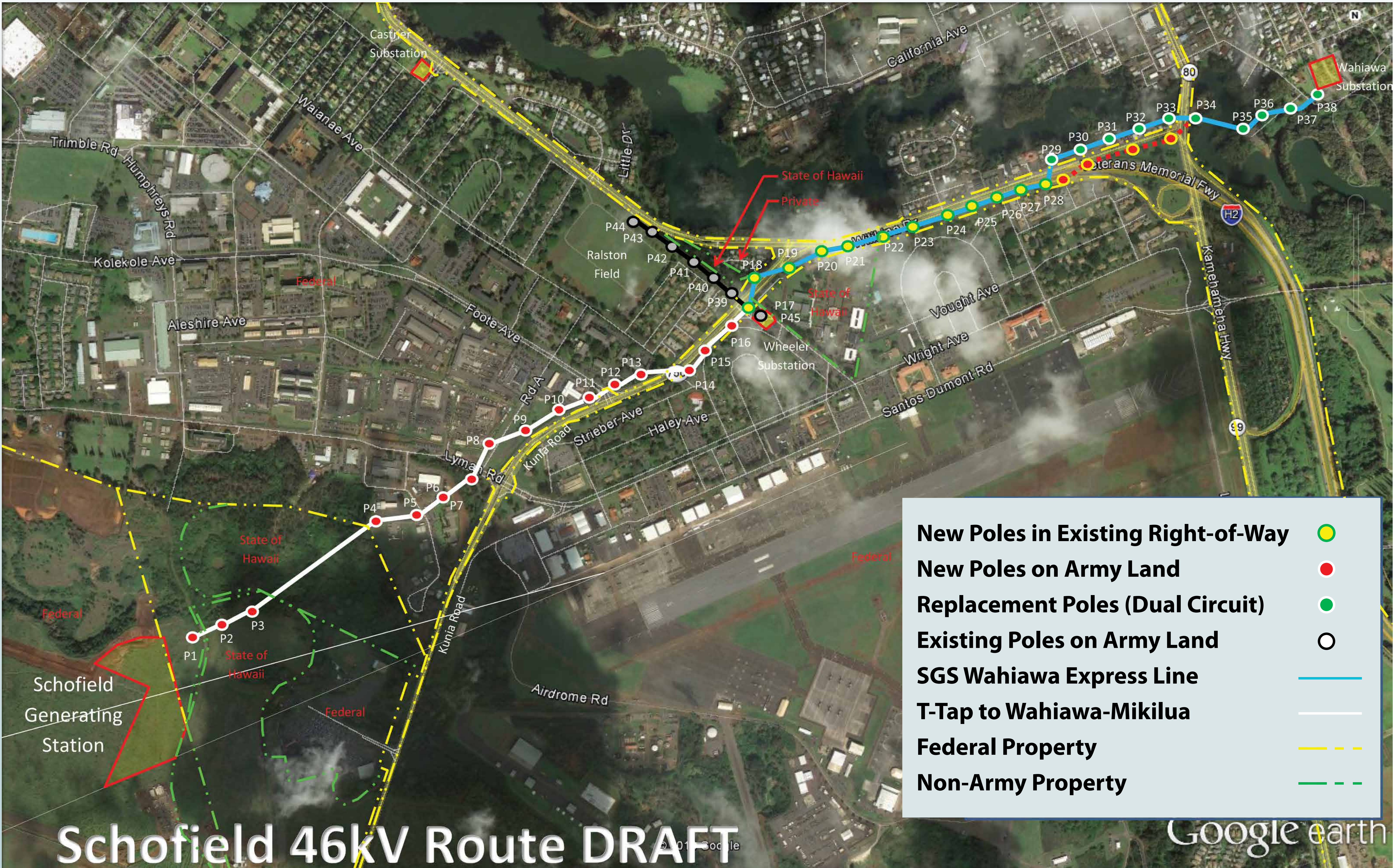




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Draft Transmission Line Route



**Pole locations are approximate and subject to change, pending appropriate easement approvals.*



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Scoping Milestones

- Notice of Intent Published – January 17, 2014
- 45-day Public Scoping Period Opens – January 17, 2014
- Public Scoping Meetings – February 5 and 6, 2014
- Public Scoping Period Closes – March 2, 2014

How to Provide Comments

- Oral
 - Sign up to give oral comments during the formal comment session.
 - Provide comments directly to the court reporter.
- Written
 - Use comment forms provided.
 - Type comments at the computer station.
 - **Email** comments to: sgspcomments@tetrattech.com.
 - **Fax** comments to (703) 385-6007 (Attn: SGSP EIS).
 - **Mail** comments (Postmarked by March 2, 2014):

Melissa DeSantis
ATTN: SGSP Comments
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**All comments due by:
MARCH 2, 2014**