



**Scattergood Generating Station  
Units 1 and 2 Modernization Project  
Public Scoping Meeting**

**Tuesday | June 6, 2023 | 7:00 PM**

# Topics Covered in this Presentation

- General Meeting Information & Purpose
- Project Overview
- CEQA Environmental Review Process & Timeline
- Public Scoping Comments

# General Meeting Information

- Meeting will be recorded to give LADWP the ability to go back and reference commentary made during comment period
- All meeting attendees will be muted for the duration of the presentation, with the exception of panelists
- Moderator will facilitate comments at the conclusion of the presentation

# Scoping Meeting Purpose

- Provide overview of the preliminary concept of the project and the California Environmental Quality Act (CEQA) process
- Encourage and solicit scoping comments
  - Scoping comments should be aimed at discussing the scope and content of the Environmental Impact Report (EIR)
- Track all scoping comments for consideration in development of the EIR

# LADWP Speakers

## **Nermina Rucic-O'Neill**

Power Engineering Manager

Resource Planning and System Resiliency

## **Hamid Askarisobi**

Mechanical Engineer

Major Projects

## **Jazmin Martin**

Environmental Specialist

Environmental Planning and Assessment

# Project Overview

# LADWP Power System Overview

## Balancing Authority

## Largest Publicly Owned Utility

- 465 square miles served

## Vertically Integrated

## 1.5 Million Customers

## \$4.2 Billion Annual Budget

## Peak Demand of 6,502 MW (8/31/17)

## Distribution System

- 10,495 miles of Overhead lines & Underground cables
- 181 stations
- 128,693 transformers

## Transmission System

- 3,760 miles of Overhead & Underground circuits
- 15,452 towers



# Diversified Investment Portfolio



Electrification  
Efficiency  
Flexible Load



Customer  
Rooftop Solar



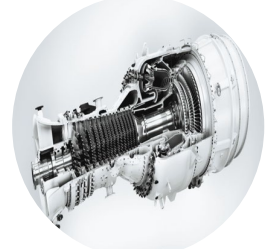
Renewable  
Energy



Storage



Transmission  
Distribution



Renewably Fueled  
Dispatchable  
Generation

+ >2,600 MW  
(in basin)

Solar: + >5,700 MW  
Wind: + >4,300 MW

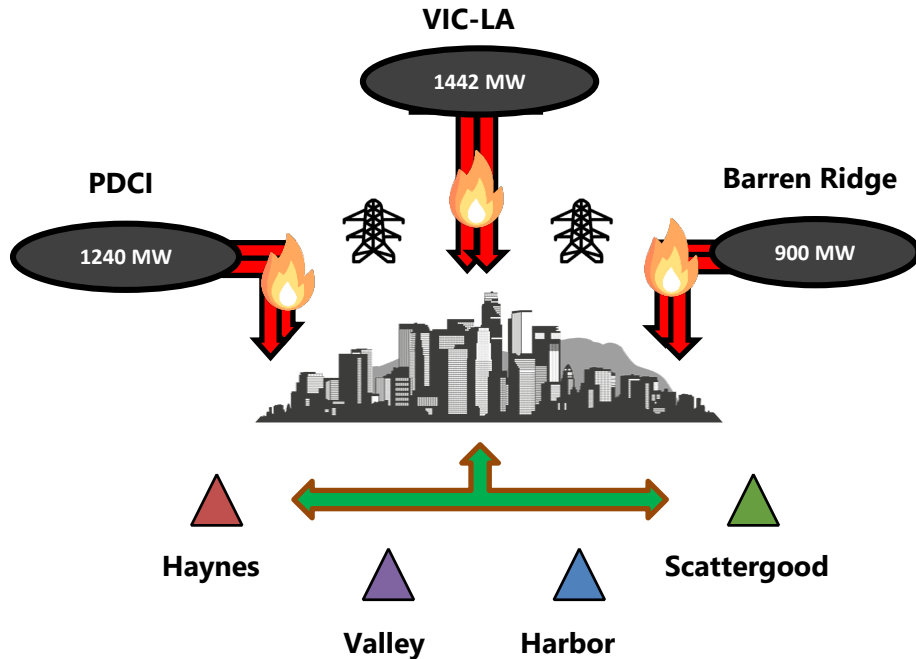
+ >2,600 MW

Much More

Required for  
Reliability



# Local Reliability and Resiliency



## LA100 Study – Key Takeaway

In-basin capacity must be maintained for **reliability** and **resiliency**, even in a decarbonized future Power System.

**“Fires and earthquakes could affect these transmission lines, so LA needs to have energy that can be stored locally that can produce electricity for extended periods of time when needed.”**

## Example:

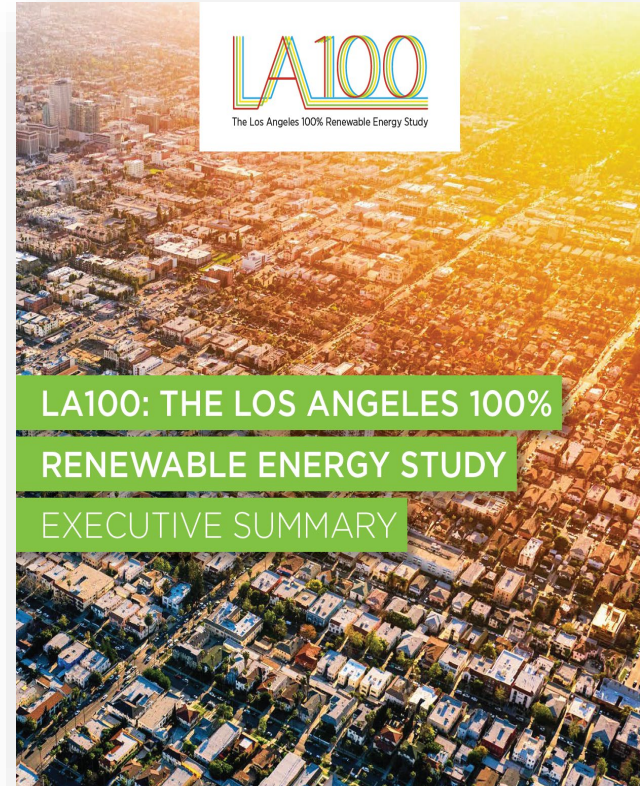
The 2019 Saddle Ridge Fire impacted the Pacific DC Intertie for **22 hours**, Barren Ridge corridor for **10 hours**, and VIC-LA path for **5 hours**.

## Limitations:

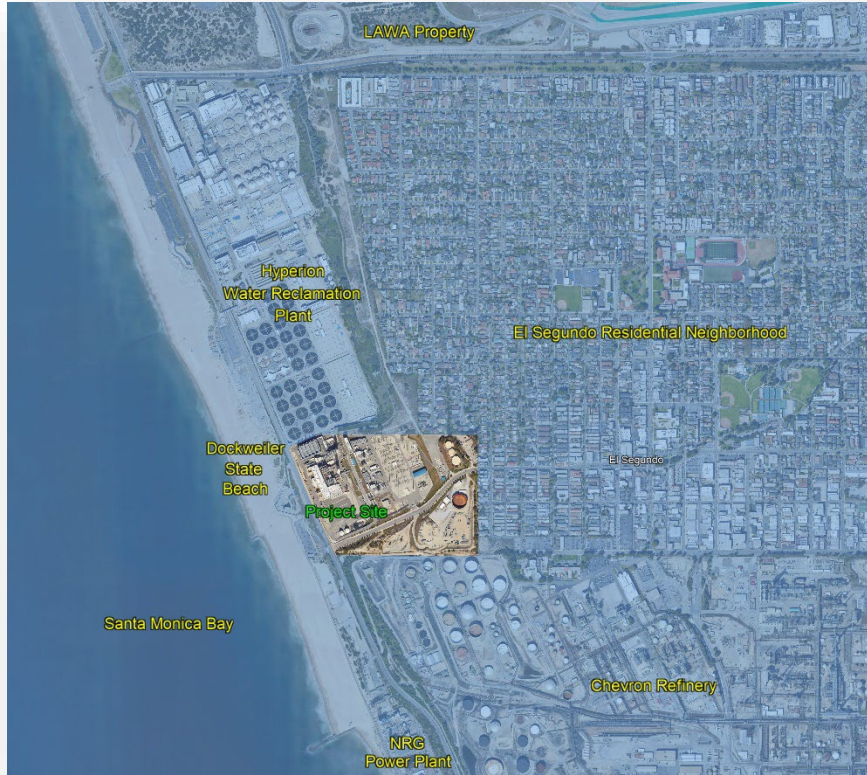
Existing storage technologies are incapable of supporting long duration outages in a cost-effective manner. For example, a standard energy storage system can only discharge for several hours.

# Reliability in 100% Carbon Free

- “**The challenge of addressing the seasonal mismatch of supply and demand.** Demand peaks in August and September, but wind and solar generation peaks earlier in the year.”
- “The risks associated with relying on transmission lines to bring wind and solar energy to the city. **Fires and earthquakes could affect these transmission lines, so LA needs to have energy that can be stored locally that can produce electricity for extended periods of time when needed.**”
- “The limitation of the city’s local transmission network— it is difficult and expensive to upgrade transmission infrastructure that could help import renewable energy through the north side of the LA system to other locations in the city.”
- A firm dispatchable generation required to back up renewable energy when sun isn’t shining or wind isn’t blowing.



# Scattergood Generating Station & Surrounding Areas



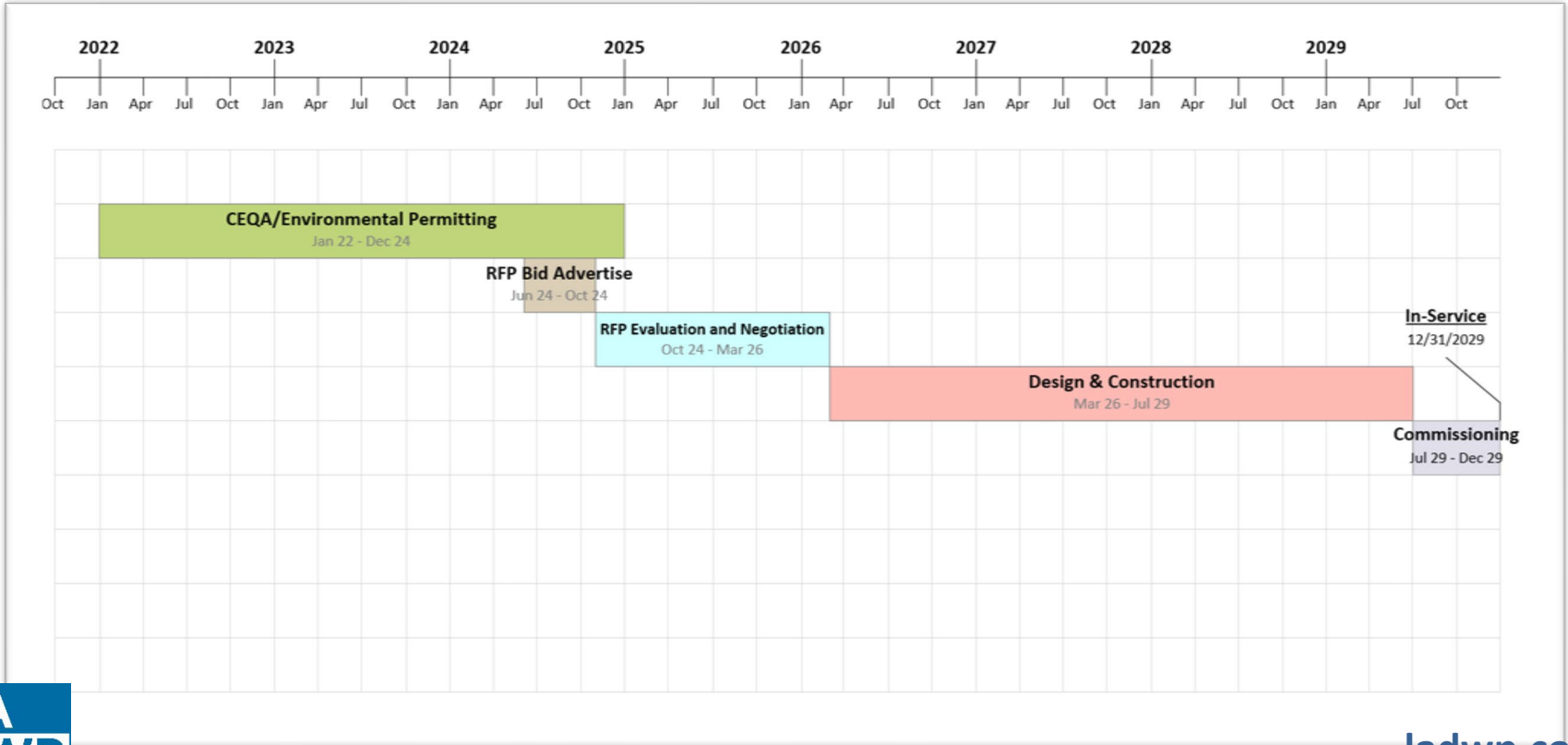


# Project Overview

- Replace the generation from existing Scattergood Units 1&2
- **Engineer-Procure-Construct Contract to install a Combined Cycle Technology:**
  - 346 megawatts capacity
  - Hydrogen Ready, Min. 30% Capability by In-Service
  - Eliminate Ocean-Water, Once-Through Cooling
  - Estimated Cost: \$800M
  - In-Service Date: 12/31/2029



# Project Timeline



# California Environmental Quality Act (CEQA) Environmental Review Process

# What is CEQA?

- CEQA is a California law requiring public agencies to evaluate potential environmental impacts of a project.
- An Environmental Impact Report (EIR) will evaluate the whole of the project.
- The Notice of Preparation (NOP) is an initial scoping step to collect agency and public input on the scope and content of the EIR.

# Purpose of Initial Study

- An Initial Study (IS) is a preliminary analysis to determine if the proposed project may have a significant effect on the environment.
- The IS evaluates environmental factors to determine which factors have the potential to have significant impacts on the environment; the factors identified to have less than significant impacts are evaluated and not carried forward for further analysis in the EIR.
- This helps streamline and focus the topics discussed in the EIR.



# Environmental Factors to be Covered in the EIR



Aesthetics



Agriculture and Forestry Resources



Air Quality



Biological Resources



Cultural Resources



Energy



Geology and Soils



Greenhouse Gas Emissions



Hazards and Hazardous Materials



Hydrology and Water Quality



Land Use



Mineral Resources



Noise



Population and Housing/ Growth



Public Services



Recreation



Transportation



Tribal Cultural Resources

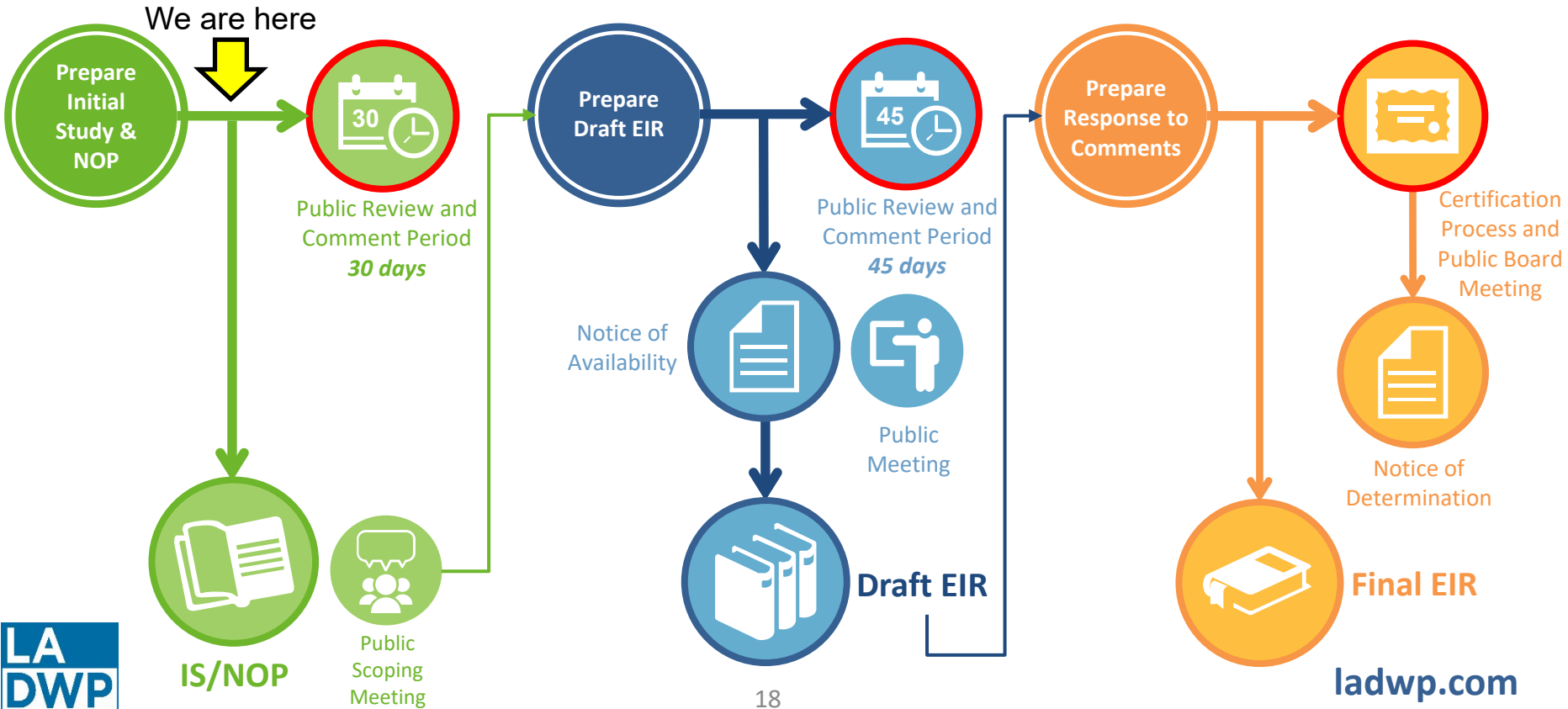


Utilities and Service Systems



Wildfire Resources

# CEQA EIR Process



# CEQA Timeline



● Opportunities for public input

# Public Scoping Comments

# Submitting Written Comments

Please direct scoping comments to:

**MAIL** Los Angeles Department of Water and Power  
Environmental Planning and Assessment  
Attn: Jazmin Martin  
111 N. Hope Street, Room 1044  
Los Angeles, CA 90012

**EMAIL** [Scattergood\\_CEQA@ladwp.com](mailto:Scattergood_CEQA@ladwp.com)

# Submitting Verbal Comments

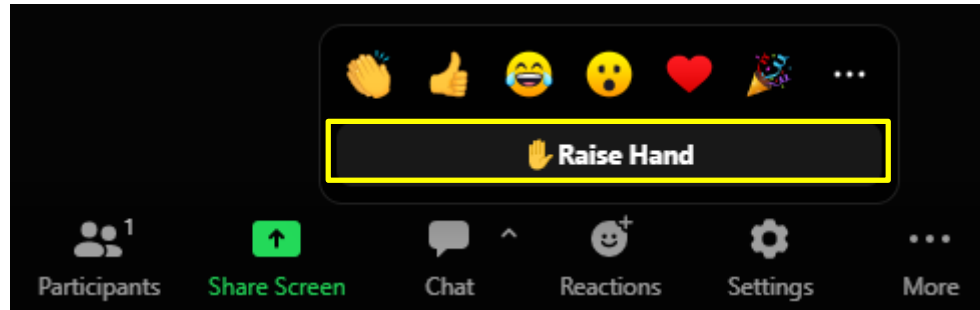


- State your full name and affiliation
- Provide your comment
  - Please limit comments to 2 minutes or less

Note: if you submit a comment, your contact information may be included as part of the public record

# How to Participate – Zoom (Web)

- Provide verbal comments via Zoom (computer) audio:
  - Select the Raise Hand button from the toolbar
  - Host will unmute you when prompted to provide comment

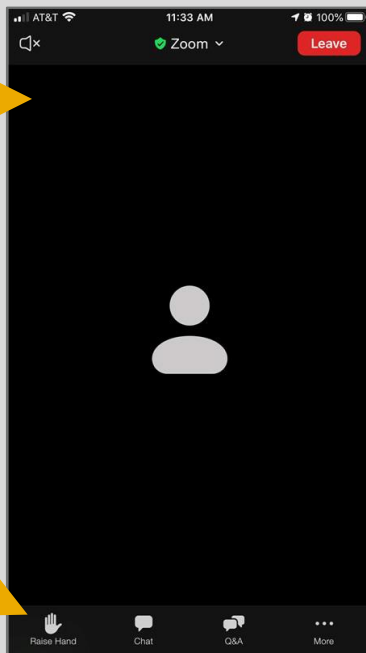


# How to Participate – Zoom (Phone)

## Mobile App

First click,  
“More”

Raise hand to  
share your  
comments  
verbally



## Phone Audio

- Dial \*9 to raise and lower hand
- Dial \*6 to unmute when prompted by the host



# Public Comment Period

- State your full name and affiliation
- Provide your comment

**Phone Audio:**

\*9 to raise/lower hand; \*6 to unmute

**Written Comments via Email:**

Scattergood\_CEQA@ladwp.com

**Project Website:**

[www.ladwp.com/ScattergoodModernization](http://www.ladwp.com/ScattergoodModernization)

**Public Scoping Period:**

May 15 – June 14, 2023

02:00

# Thank You For Joining Us!

Please direct written comments to:

**MAIL** Los Angeles Department of Water and Power  
Environmental Planning and Assessment  
Attn: Jazmin Martin  
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Los Angeles, CA 90012

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**WEBSITE** [www.ladwp.com/ScattergoodModernization](http://www.ladwp.com/ScattergoodModernization)

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