

# SCATTERGOOD-OLYMPIC LINE 1

## PUBLIC INFORMATION MEETINGS

October 22, 2009

Westchester/Playa

Planning and Land Use

# SCATTERGOOD-OLYMPIC LINE 1

## Presentation Outline

- PURPOSE AND NEED
- PROJECT OVERVIEW
- OVERVIEW OF CEQA PROCESS
- TYPES OF IMPACTS
- ENVIRONMENTAL ISSUES STUDIED
- QUESTIONS AND ANSWERS

# SCATTERGOOD-OLYMPIC LINE 1

## Critical Need for New Line

- Reliability of the Power System
- Scattergood-Olympic Line 2 is not reliable
- Failures & problems with Line 2
- Loss of Line 2 limits power flow from Scattergood Generating Station

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## System Configuration and Power Flow

- Line 1 transmits power from the Scattergood-Generating Station to Receiving Station K
- LADWP power system is belt-type system
- RS-K connects to RS-D (Fairfax Area)
- RS-D connects to RS-N (Westchester)
- RS-K is connected to RS-U (Tarzana)
- Power into RS-K will flow also into other areas

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## Route Selection

- Direct Route
  - Reduce construction time
  - Minimize traffic impact
  - Ease of obtaining permits
    - Route is in City of Los Angeles
    - Minimize exposure to State Highways
  - Crossing of Ballona Creek
  - Increase reliability

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## Route Selection

- Alternate Route Options Considered
  - Lincoln – Higher traffic impact plus State Hwy
  - Culver – Ballona Wetlands Restoration Project
  - Centinela – Route section of existing Line 2
- Other Considerations
  - Existing infrastructure
  - Street width
- Scattergood-Olympic Line 2
  - Minimize paralleling of the lines
  - Reduces risk of losing both lines

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## Underground Circuit Information

- Route Length: 12 miles
- One 230kV circuit only
- Scattergood Generating Station (Vista Del Mar and Grand) to Receiving Station K (Centinela and Olympic)
- Installation type: conduit and maintenance hole system
- Maintenance Holes (MH): 50
- Time to construct:
  - Start: 2010
  - End: 2012

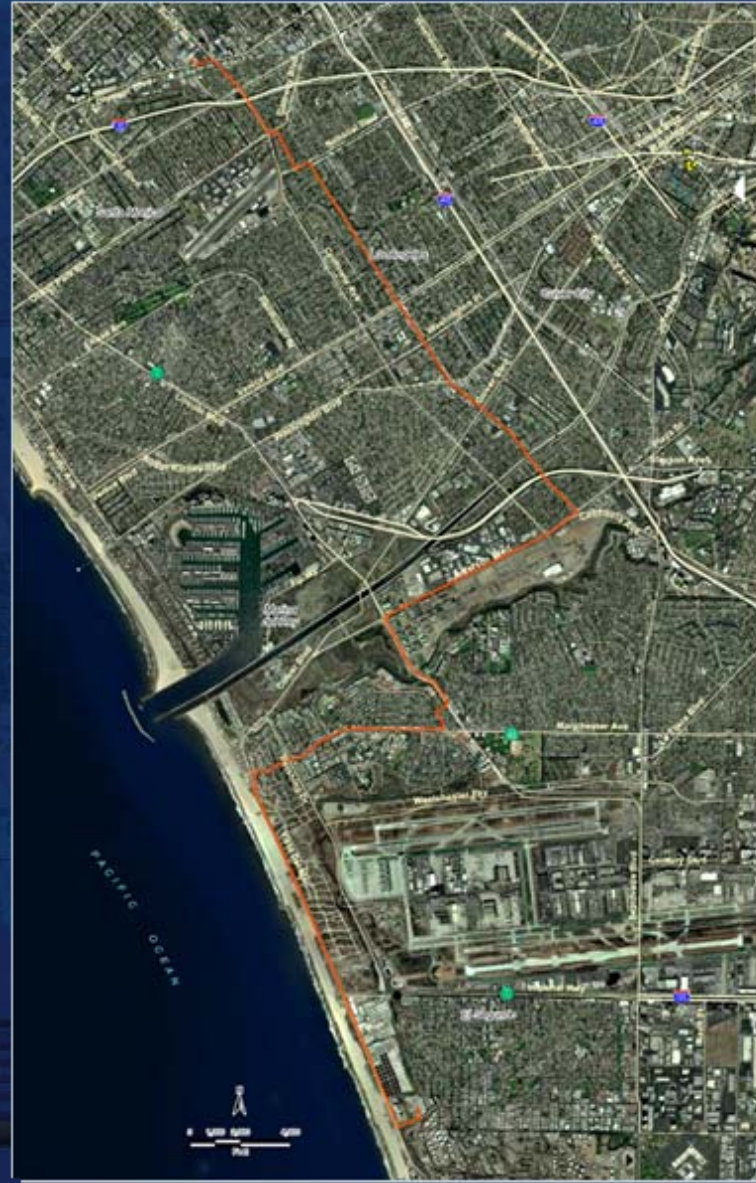
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## Underground Circuit Route

- Route will follow both Commercial and Residential Areas
- Receiving Station K (Centinela and Olympic)
- East on West Olympic Boulevard
- South East along South Bundy Drive
- North East along Ocean Park Boulevard
- South East along Armacost Avenue
- North East along National Boulevard
- South East along Inglewood Blvd
- South West along West Jefferson Blvd
- South East along Lincoln Blvd
- South West along West 83<sup>rd</sup> Street
- South East along Rayford Avenue
- South West along West Manchester Avenue
- South along Vista Del Mar Lane
- South East along Vista Del Mar
- North on West Grand Avenue
- Scattergood Generating Station

# SCATTERGOOD-OLYMPIC LINE 1

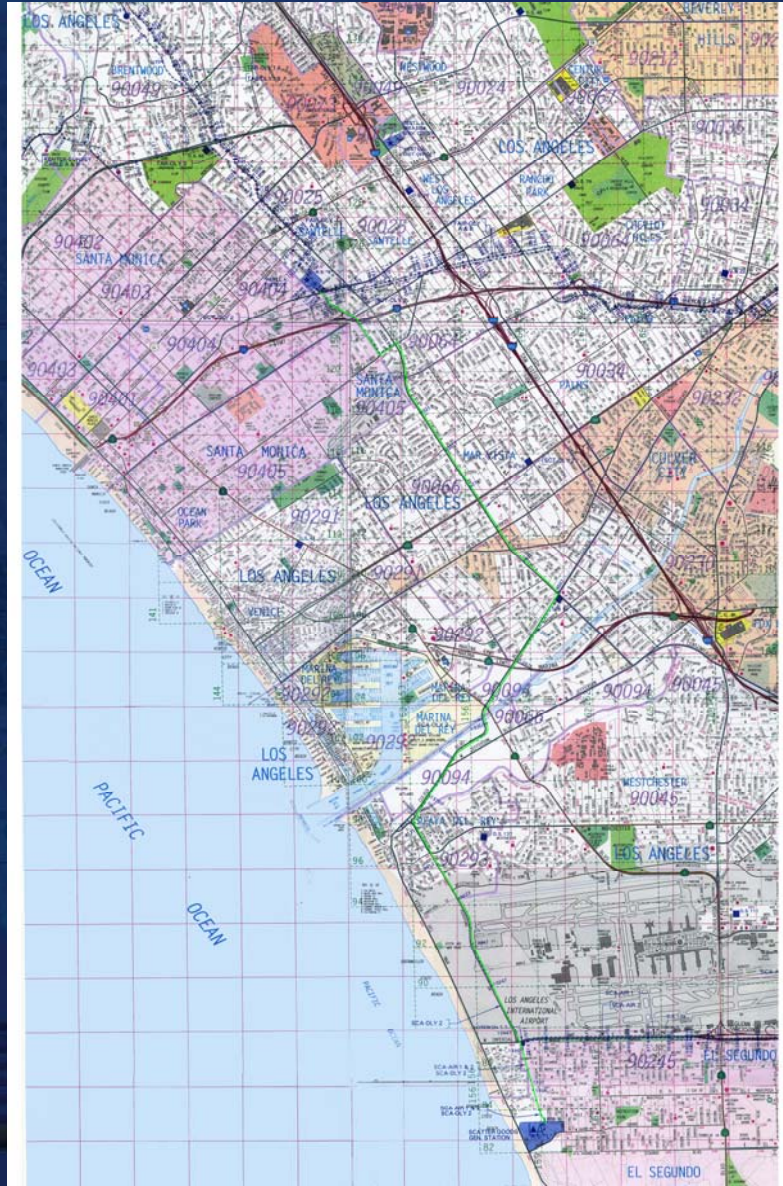
Underground  
Circuit  
Route



# SCATTERGOOD-OLYMPIC LINE 1

## Scattergood-Olympic Line 2 Route

- Scattergood
- Pershing
- Culver
- Centinela
- Ocean Park
- Centinela
- RS-K



# SCATTERGOOD-OLYMPIC LINE 1

Map of  
Specific  
Neighborhood  
Councils

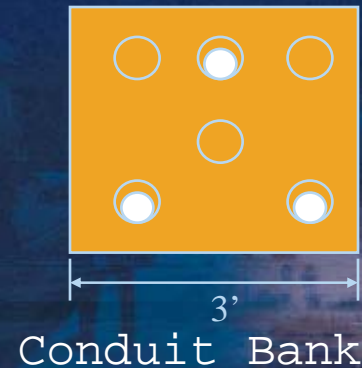


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## Conduit System

### ■ CONDUIT BANK

- Six PVC conduits encased in concrete
- Three conduits for one 230-kV cable circuit
- Three conduits for communication and other uses
- Open trench construction
- Up to 300 feet per day



Bank Installation

### ■ MAINTENANCE HOLES

- Pre-cast type for splicing of cables
- Up to 5 days to install one MH



MH Installation

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## ■ Cable

- 230-kV copper conductor with plastic insulation
- Green cable
- No oils or fluids
- No spill danger
- Cables are protected by circuit breakers
- Faults cleared within 1/3 second
- Yearly inspections of vaults



Typical Plastic Insulated Cable

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## Electric and Magnetic Fields (EMF)

- Undergrounding of line will eliminate electric fields from line.
- Magnetic Fields reduce in strength with increasing distance from the source.

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## California Environmental Quality Act (CEQA)

- Required for “projects” undertaken by LADWP
- Informs the public and decision makers about the project and potential environmental impacts
- Identifies feasible ways to avoid or reduce potential impacts
- Provides an opportunity for public and agencies to comment on environmental issues associated with the proposed project

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## Overview of the CEQA Process

- Publish NOA/NOI on September 24, 2009
  - 30-day public review period  
9/24/09 to 10/23/09, extended to 10/30/09
  - Information meetings
    - Mar Vista Elementary - September 30, 2009
    - Westchester High - October 7, 2009
    - Neighborhood Councils Regular Standing Meetings  
(Public Comment Period)
    - Westchester/Playa Planning and Land Use -  
October 22, 2009
    - Mar Vista Traffic and Infrastructure -  
October 27, 2009
  - Send written comments by 10/30/09
- LADWP Board Hearing Target - 12/1/09

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## Types of Impacts

### ■ NO IMPACT

- No impact found; no mitigation required

### ■ LESS THAN SIGNIFICANT IMPACT

- Impact does not exceed CEQA defined thresholds of significance; no mitigation required

### ■ LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED

- Impact would be significant without mitigation; mitigation lessens impact to below CEQA defined threshold.

### ■ POTENTIALLY SIGNIFICANT IMPACT

- Impact exceeds CEQA established thresholds of significance; further study in an EIR would be required

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## Environmental Issues

### Studied in MND

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation and Traffic
- Utilities and Service Systems

# SCATTERGOOD-OLYMPIC LINE 1

## No Impact Findings

- Aesthetics
- Agricultural Resources
- Land Use Planning
- Mineral Resources
- Population and Housings
- Public Services
- Recreation

# SCATTERGOOD-OLYMPIC LINE 1

## Less than Significant Impact Findings

- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Transportation and Traffic
- Utilities and Service Systems  
(one less than significant impact, rest no impact)

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Less than Significant Impact  
with Mitigation Findings

- Air Quality
- Biological Resources
- Cultural Resources
- Noise

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## Contact Information

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- DOCUMENTS AVAILABLE:

<http://www.ladwp.com/ladwp/cms/ladwp004156.jsp>

File Name:

Scattergood - Olympic Line 1 Project



Los Angeles  
Department of  
Water & Power

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## PUBLIC COMMENTS

### Questions and Answers