



# Temescal and Corona Power Plants Standby Generator Replacement

Engineering and Operations Committee

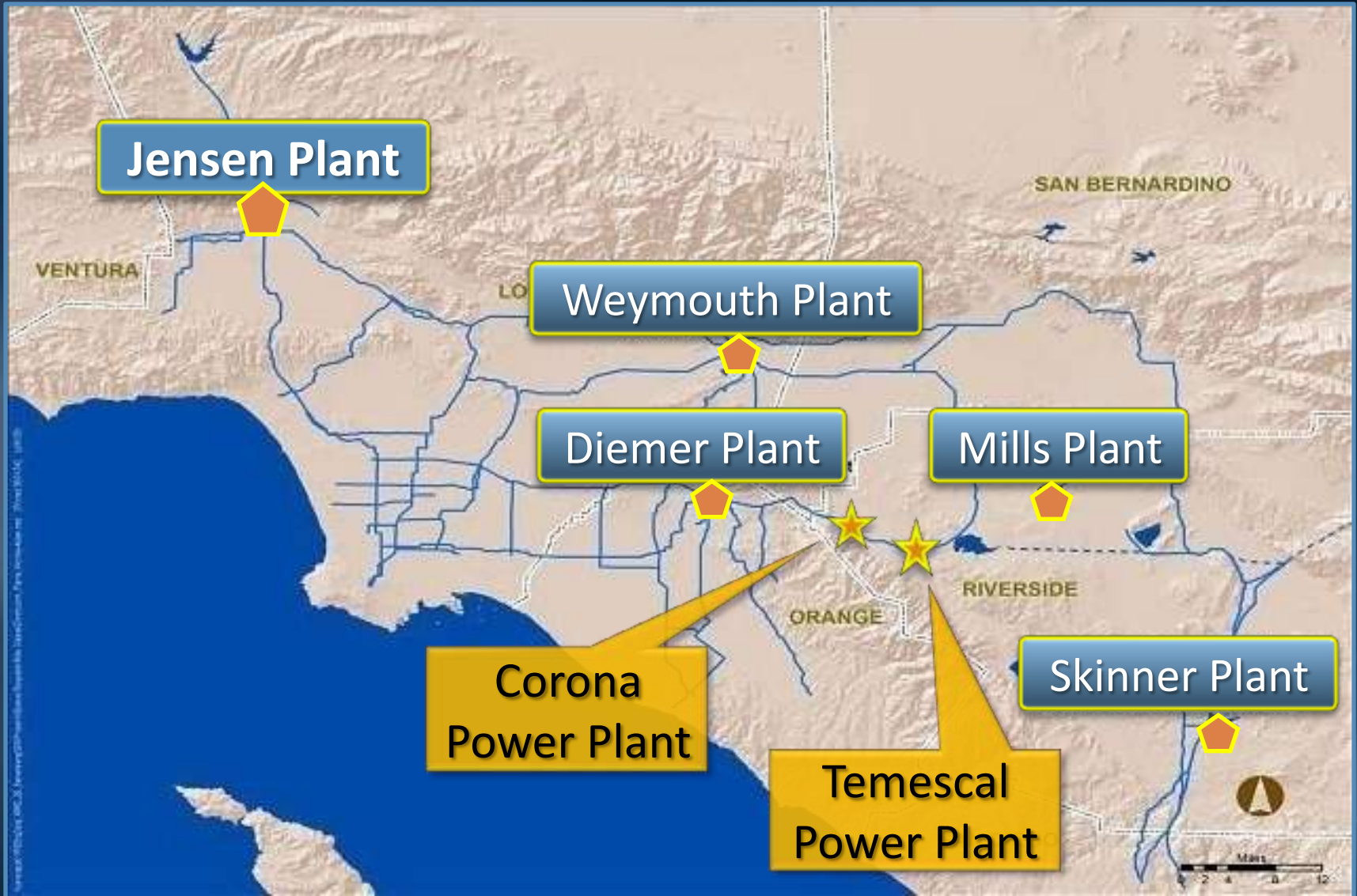
Item 7-2

July 11, 2011

# Current Action

- Appropriate \$130,000
- Authorize preliminary design to replace the Standby Generator at Temescal and Corona Power Plants

# Metropolitan's Distribution System



# Temescal and Corona Power Plants

- Background

- Constructed in 1982
- 2.8 MW each
- \$1.5 M annual revenues each

- Existing Generators

- Needed to operate tower slide gates during utility power outage
- Excessive engine wear & parts no longer available



# Temescal and Corona Power Plants Standby Generators

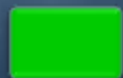
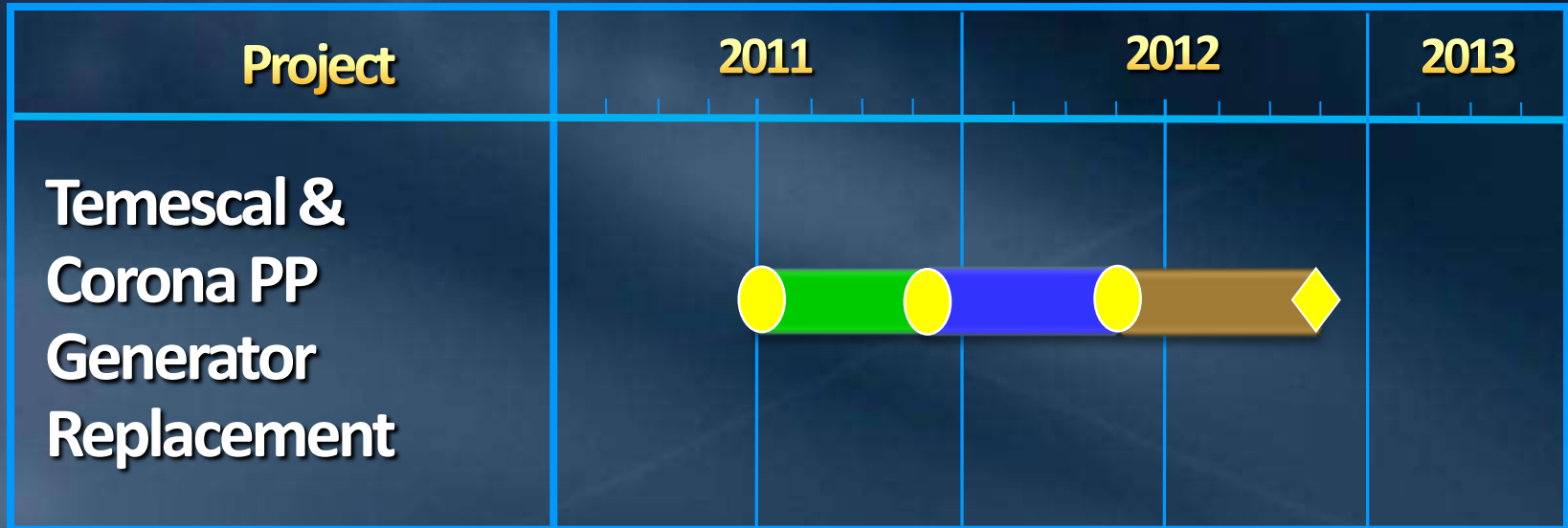
- Project Scope
  - Replace with 50 kW packaged units
  - Relocate outdoors, remove existing tank & containment area
  - Install new transfer switch, reroute power & signal conduits



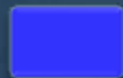
# Requested Funds

Permitting, Proj Mgt, Enviro Docs	\$ 40,000
Preliminary Design	\$ 80,000
Remaining Budget	\$ 10,000
<b>Total Requested:</b>	<b>\$ 130,000</b>

# Project Schedule



Preliminary Design



Final Design



Construction



Board Action



Project Completion

# Board Options

- Option #1
  - Adopt the CEQA determination
  - Appropriate \$130,000
  - Authorize preliminary design to replace the standby generator at Temescal and Corona Power Plants
- Option #2
  - Do not authorize generator replacement



# Staff Recommendation

- Option #1

