

# Sustainable Energy Options for the City of Manhattan Beach

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Public Works Department



## Overview

- Historical Energy Action in MB
- Energy Efficiency Action to Date
- Options for Energy Efficiency & Renewable Energy
- Next Steps



## History of Energy Action in MB

- ▶ 1995: Performance Contract with Honeywell for Energy Analysis and Facility Retrofits
- ▶ 2007: Resolution Endorsing the U.S. Mayors Climate Protection Agreement
- ▶ 2007: Green Report and Greenhouse Gas Emission Inventory
- ▶ 2009 Level III Energy Audit & Solar Readiness Assessment

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## Energy Efficiency Action to Date

- ▶ LED Traffic Signal Retrofits
- ▶ Joslyn/Heights HVAC Improvements
- ▶ Energy Efficiency/Lighting Retrofits at City Facilities
- ▶ 2014: Platinum Level, Energy Leader Award
- ▶ 2015: South Bay COG Energy Efficiency Climate Action Plan

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## Options for Energy Efficiency

- ▶ CIP for Energy Study to update the 2009 audit
- ▶ Purchase of SCE street lights to retrofit with LEDs
  - examine mesh network and revenue generation possibilities
- ▶ Energy Storage/Peak Shaving

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## Options for Renewable Energy

- ▶ Community Choice Aggregation (CCA) feasibility study to examine potential purchase of renewable energy outside of SCE utility service
- ▶ EV Charging Stations
- ▶ Construction of Natural Gas Fueling Station

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# Next Steps

Questions?

