



# LED Streetlight Upgrades and Mitigated Negative Declaration Adoption

Pacific Grove City Council  
April 18, 2018

# Project Objectives and Description

- Energy efficiency Program
- Replacement of 514 High Pressure Sodium Streetlights with LED
- HPS are much less efficient and reliable as LED
- Full Implementation could significantly reduce cost to City
- Mitigated Negative Declaration Prepared
- City to implement phased approach



# Purpose of CEQA

- Provide information to decision makers and public about environmental consequences of actions
- Evaluate the project's anticipated physical environmental effects
- Provides the public and agencies with an opportunity to comment on the environmental issues
- Obligation to avoid or reduce harm to the environment (“mitigation”)

The logo for the California Environmental Quality Act (CEQA) is displayed in a white rectangular box. The text is arranged vertically in four lines, with each line starting with a large blue letter: 'C', 'E', 'Q', and 'A'. The remaining letters of each word are in a smaller, dark blue font. The words are 'California', 'Environmental', 'Quality', and 'Act'.

# LED Streetlight CEQA

- Mitigated Negative Declaration Prepared
  - MND Prepared when there is no substantial evidence of adverse impacts from project
- 30 Day review period
  - March 7, 2018 – April 6, 2018
- Posted
  - On and off site
  - Monterey Herald (March 7, 2018)
  - Cedar Street Times (March 9, 2018)
- Copies of MND posted at Library, City Hall's C&EDD office, and Website

## CITY OF PACIFIC GROVE

PG&E LED STREETLIGHT UPGRADE PROJECT

DRAFT INITIAL STUDY & MITIGATED NEGATIVE DECLARATION

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MARCH 5, 2018

# MND evaluated 19 potential impacts

Aesthetics

Agricultural and forestry resources

Air quality

Biological resources

Cultural resources

Geology/soils

Greenhouse gas emissions

Hazards and hazardous materials

Hydrology and water quality

Land use and planning

Mineral resources

Noise

Population and housing

Public services

Recreation

Transportation/traffic

Tribal cultural resources

Utilities and service systems

Mandatory findings of significance

# Comments to the MND & Findings

- 1 Comment Letters Received
  - A Total of 11 Comments
  - Comments Addressed in Mitigated Measures
- No comments from State Clearinghouse
- 19 Environmental Factors Evaluated
  - 5 have Less than significant impacts if not mitigated: (from findings and comments)
- Mitigated and Monitoring Program Drafted
  - Takes into account the potential impacts
- City to Serve as Mitigated and Monitoring Program Coordinator

# LED Fixtures

- PG&E will use a light manufactured by CREE
- Advanced optics direct the light to where it is intended
- These lights have low glare and minimal light trespass
- LED has a longer life than HPS (20 years vs. 5 years)
- There are 514 eligible lights in PG



# LED Installation

- PG&E to install a 3000 Kelvin light throughout most of town
- The Highway 68 business corridor to receive a 4000 Kelvin Light (3000 will also be suitable)
  - Wattages will be comparable to current HPS to provide appropriate lighting levels
- City to work with PG&E to implement a phased approach
- 1<sup>st</sup> Phase is approximately 50 lights along Hwy 68, from Presidio to Asilomar, and Lighthouse from Lobos to Asilomar
- 2<sup>nd</sup> phase is remainder of the City
- City can request physical changes but will cost \$200 per fixture



# Recommendation

Findings: A mitigated Negative Declaration has been prepared, although the proposed project could have significant impacts on the environment, it will not because revisions in the project have been made.

1. Adopt the MND
2. File the Notice of Determination
3. Approve the Phased approach for the LED installation