

## DOCKETED

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California Energy Commission

# **Puente Power Project Public Health - PSA**

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## Public Health – PSA

Staff's evaluation of health impacts of the proposed project includes:

- ❖ environmental and regulatory setting
- ❖ project toxic air contaminants (TACs):
  - exposure pathways:* inhalation, home grown produce, dermal absorption, soil ingestion, fish ingestion and mother's milk
- ❖ analysis of the project's potential human health risks associated with TACs emissions:
  - Construction/demolition:* asbestos, fugitive dust, diesel particulate matter (DPM) and Valley fever
  - Operation:* TACs from Puente, MGS Unit 3 and Unit 1 (temporary)
- ❖ mitigation measures/ recommended conditions of certification



## Public Health – PSA

### Preliminary conclusions and recommendations:

- ❖ Project would comply with laws and standards
- ❖ No significant health impacts from project's toxic air emissions during:
  - construction
  - demolition of Mandalay Unit 1 and 2
  - operation of Puente
- ❖ Recommended conditions in Air Quality ensure compliance with standards and project impacts are less than significant





## Public Health – PSA

### Environmental Justice:

- ❖ Sensitive subpopulation in health risk assessment (HRA):
  - Infants
  - the elderly
  - people with pre-existing health conditions
- ❖ No one would experience any significant cancer, acute or chronic non-cancer health effects during construction, operation, or demolition
- ❖ No disproportionate public health impacts to off-site individuals and identified environmental justice populations



## Public Health – PSA

- ❖ Outstanding Information:
  - None
  
- ❖ To complete the Final Staff Assessment, staff will:
  - Consider comments from the public, the applicant, intervenors, and agencies