



CALIFORNIA ENERGY COMMISSION

Energy Commission Review of Power Plants – Southern California Reliability

2014 Integrated Energy Policy Report Workshop
UCLA NanoSystems Institute Auditorium
August 20, 2014

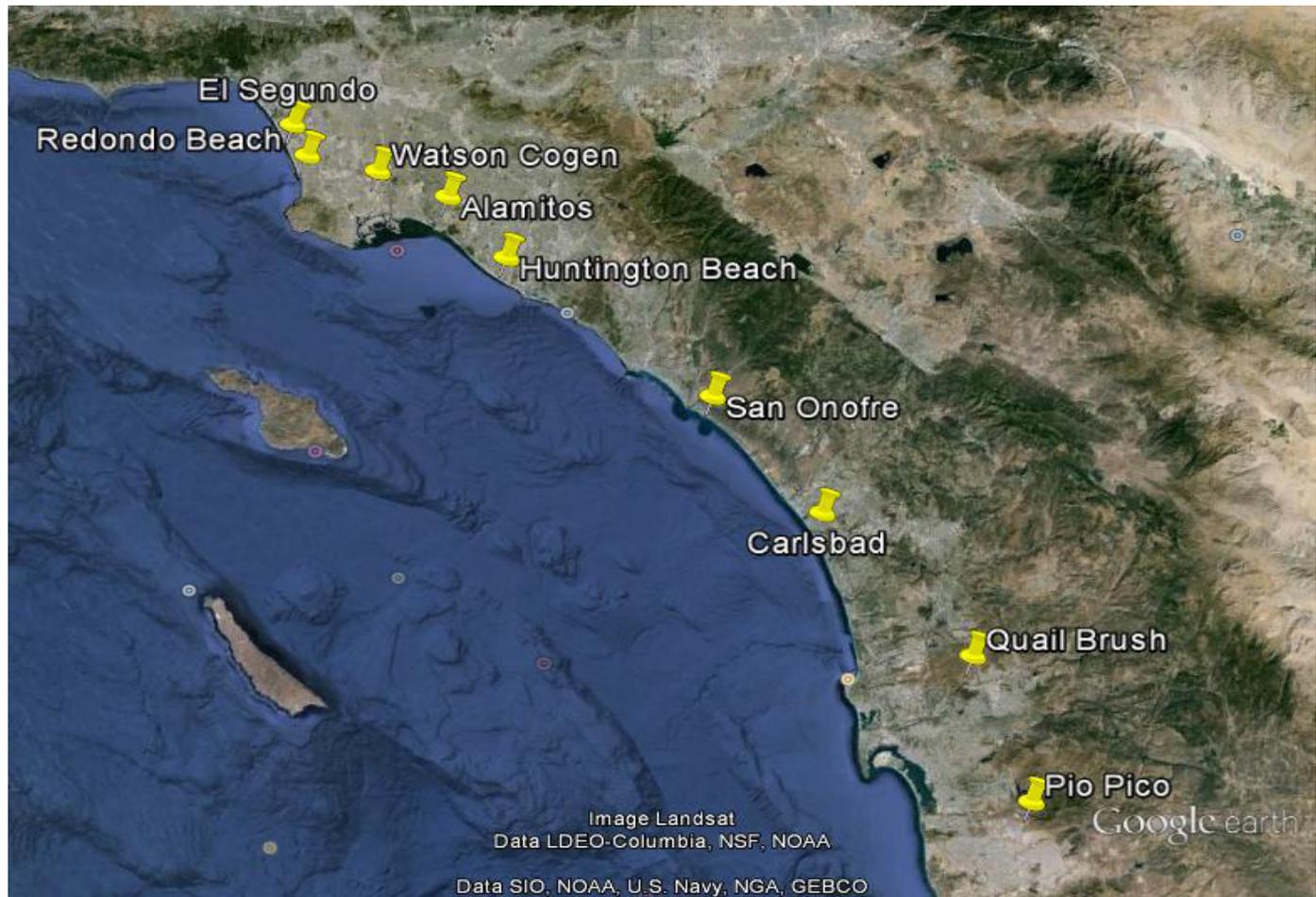
Roger Johnson

Siting, Transmission and Environmental Protection Division

Roger.Johnson@energy.ca.gov / (916) 654-5100



Southern California Power Plants





Review status of Southern California Power Plants

Project	Capacity	Development Status	Schedule	OTC Compliance Date
El Segundo 1	560 MW	Operational 8/2013	N/A	N/A
El Segundo 2	449 MW	PSA filed 4/4/2014 FSA 30 days after FDOC	CEC Decision 2014	12/31/2015
Watson Cogen	85 MW	Approved 4/11/2012	On-hold	N/A
Redondo	496 MW	PSA filed 7/28/2014	Undetermined	12/31/2020
Alamitos	1950 MW	PSA expected 10/2014	CEC Decision 2015	12/31/2020
Huntington Beach	939 MW	PMPD expected 9/2014	CEC Decision 10/2014	12/31/2020
Carlsbad	632 MW	PSA expected 11/2014	CEC Decision 2015	12/31/2017
Quail Brush	100 MW	Permitting	Suspended until 4/15/2015	N/A
Pio Pico	300 MW	Pre-construction	Const. starts 9/1/2014	N/A



NRG El Segundo

**El Segundo Units 1&2 replaced on 8/2013
with 560 MW fast-start air-cooled combined
cycle.**

City of El Segundo

El Segundo Units 3&4 Replacement

**449 MW (1 fast-start air-cooled combined
cycle and 2 simple cycle peakers)**

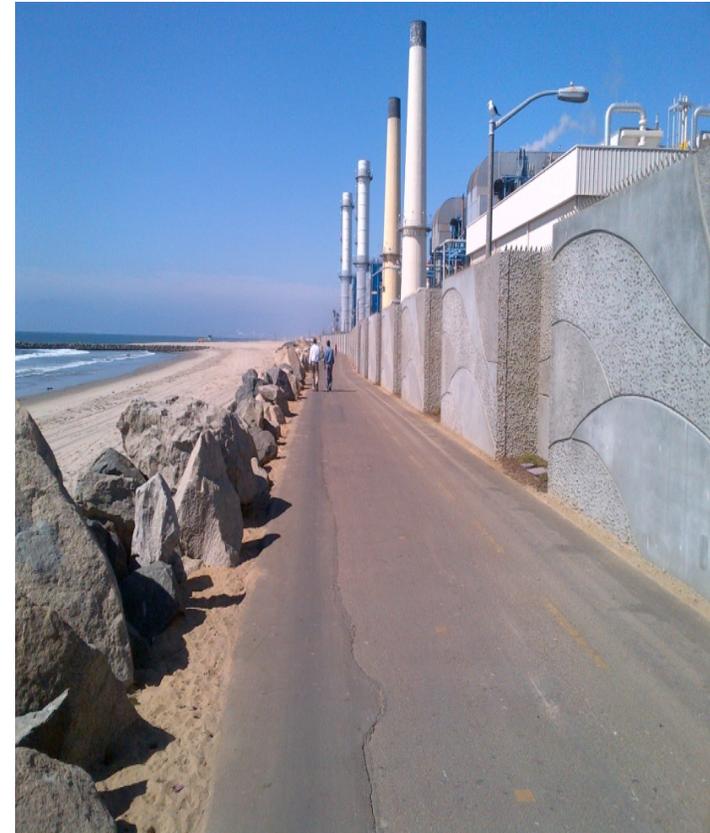
Petition to Amend filed 4/23/2013

Preliminary Staff Assessment filed 4/4/2014

**Final Staff Assessment 30 days after Final
Determination of Compliance**

CEC Decision expected late 2014

OTC compliance date 12/31/2015





Watson Cogeneration

**Add 5th train to Watson
Cogeneration Project**

City of Wilmington

**85 MW cogeneration unit
approved by CEC on
5/31/2012**

Project development on hold





AES Redondo Beach

Redondo Beach Generating Station Replacement

496 MW (3-on-1 air-cooled combined cycle)

City of Redondo Beach

AFC filed 11/20/2012

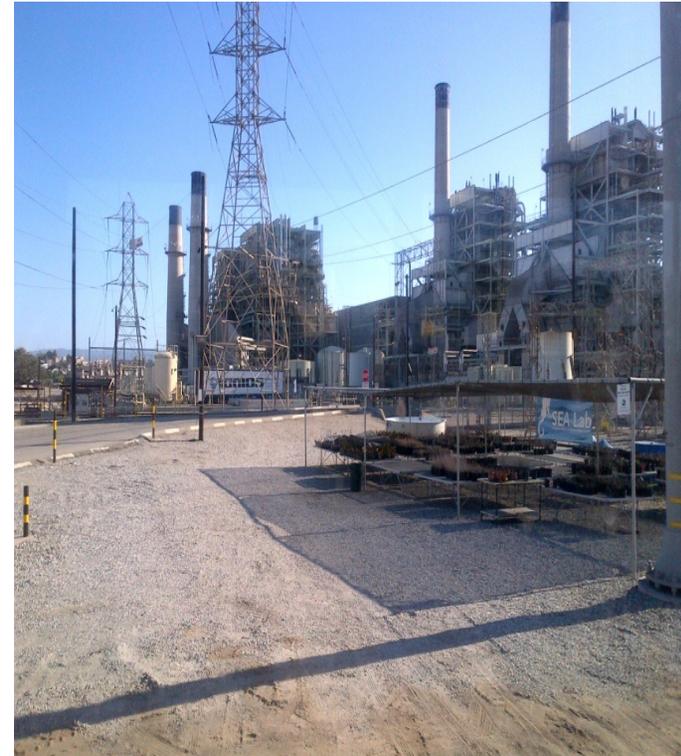
Preliminary Staff Assessment filed 7/28/2014

PSA comment period closes 9/29/2014

**Committee Conference late 9/2014 to
address possible suspension during
pendency of AES ballot initiative to
remove power plant and redevelop the
site.**

OTC compliance date 12/31/2020

August 20, 2014





AES Huntington Beach

**Huntington Beach Generating Station
Replacement**

**939 MW [2 x (3-on-1) air-cooled combined
cycle]**

City of Huntington Beach

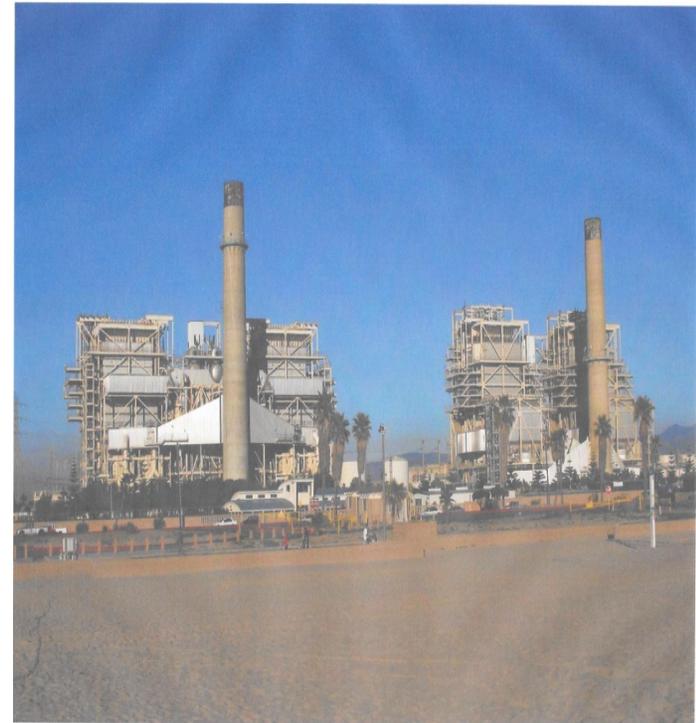
AFC filed 6/27/2012

Hearings completed 8/6/2014

CEC Decision expected 10/2014

OTC compliance date 12/31/2020

August 20, 2014





AES Alamitos

Alamitos Generating Station Replacement

**1,950 MW [4 X (3-on-1) air-cooled
combined cycle]**

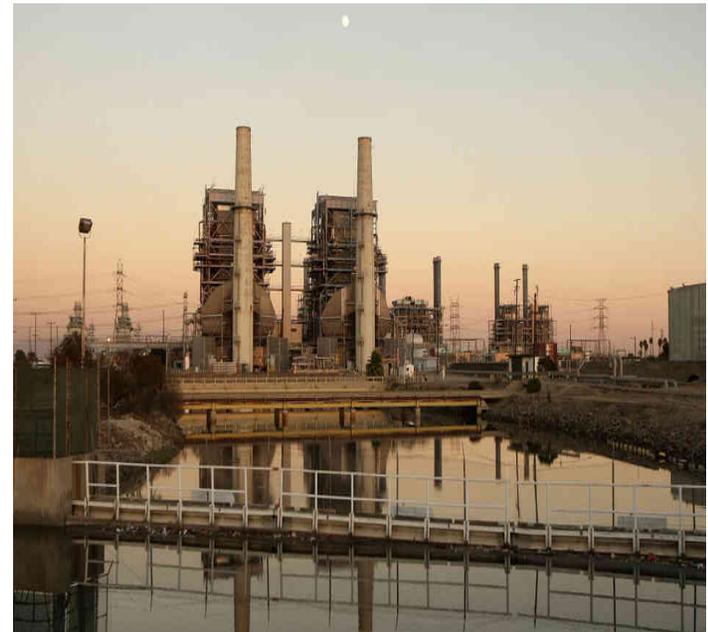
City of Long Beach

AFC filed 12/27/2013

**Preliminary Staff Assessment expected 45
days after Preliminary Determination of
Compliance**

CEC Decision expected 2015

OTC compliance date 12/31/2020





NRG Carlsbad

Encina Power Station Replacement

City of Carlsbad

**540 MW air-cooled combined cycle approved
by CEC on 5/31/2012**

**Petition to Amend filed 4/23/2013 for 632 MW
(6 LMS 100 simple cycle) and removal of
Encina Generating Station**

**Preliminary Staff Assessment expected
11/2014**

Final Staff Assessment expected 1/2015

CEC Decision expected mid 2015

OTC compliance date 12/31/2017





Quail Brush

100 MW (11 natural gas-fired, Wartsila reciprocating engine generators) - greenfield

City of San Diego

AFC filed 8/2011

4/8/2013 Applicant requests and is granted a 12-month suspension

4/8/2014 Applicant requests and is granted an additional 12-month suspension





Pio Pico

**300 MW simple cycle project
approved by CEC 9/12/2012 –
greenfield**

San Diego County (Otay Mesa)

**Project construction expected to
start on 9/1/2014**

PSD permit appeal resolved

**Appeal of CPUC decision should
not affect start of construction**

