

DOCKETED

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On the way to
the clean
energy future.

-  Traditional Generation
-  Renewable Generation
-  Levi's® Stadium
-  NRG eVgo
-  Ivanpah Solar Electric Generating System



GENERATION IN CALIFORNIA

9,962 MW*
total generation

CAN SUPPORT NEARLY
18 million
people

\$1 million
donated to charities

RENEWABLE

1,757
MW*
renewables

AVOIDS
2.7 million
pounds of CO₂

CAN SUPPORT NEARLY
1 million
people



NRG HOME SOLAR

GOING BIG IN CALIFORNIA

HOME
SOLAR

commitment to
provide CA
customers with
residential
solar options.

EVgo

1st
EV fast charging station
that can support any EV
on the road

NATURAL GAS

NEW FAST-START
GENERATION
1,770 MW
to enable renewables

LEVI'S® STADIUM

MORE THAN
1,150
solar panels

DC FAST CHARGERS
over
230
now open in California

REDUCTION IN WATER USE
99.9%
at Marsh Landing

GENERATES
375
kW

STATION A

LEADING-EDGE INNOVATION TEAM

STATION A

dedicated to developing more secure,
reliable distributed power worldwide

DISTRIBUTED GENERATION

STEAM DISTRIBUTION PROVIDED

MORE
THAN
37 million sq ft
at San Francisco District Energy Center



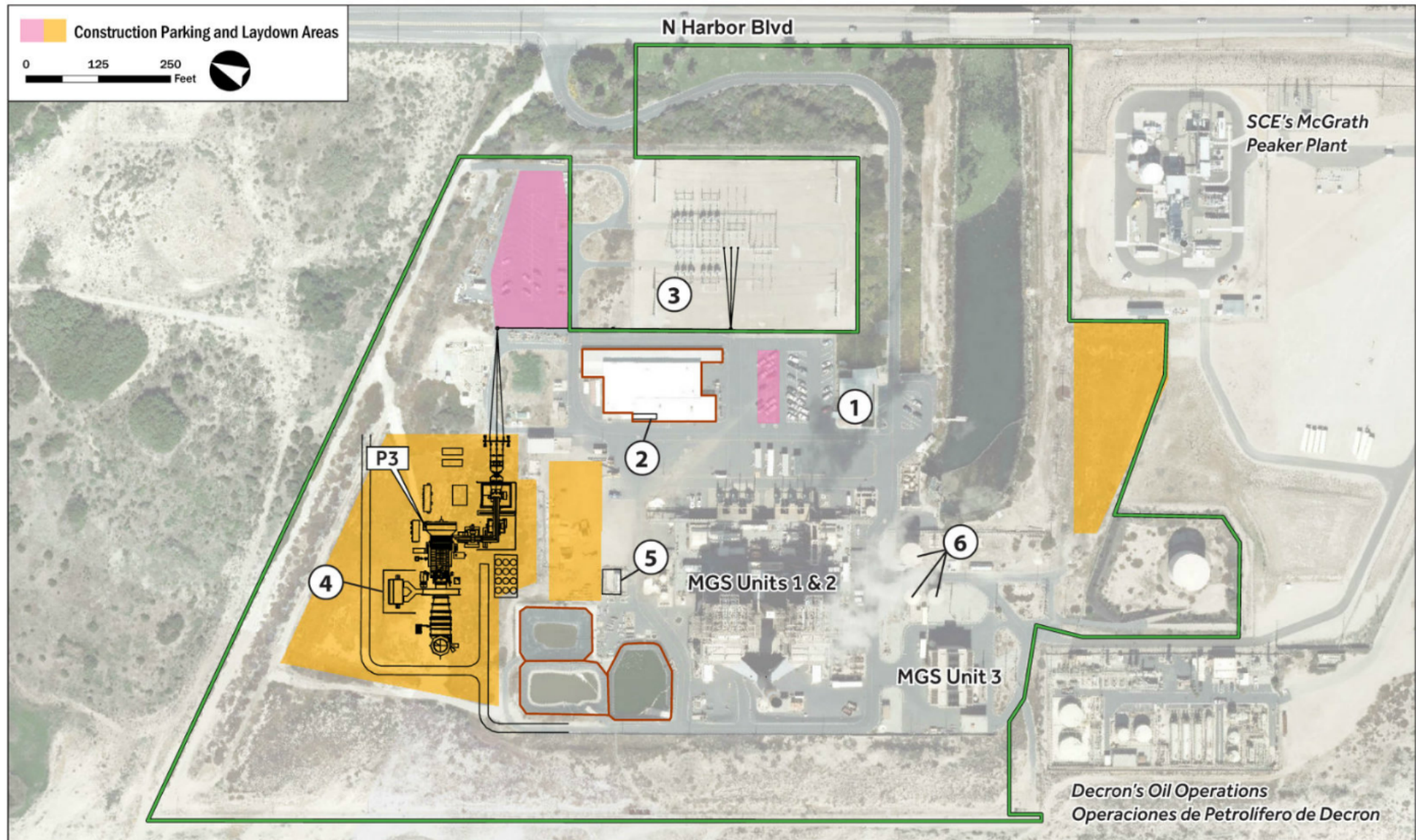


Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google earth



Project Site Sitio del Proyecto



- ① Administration Building/Edificio de Administración
- ② Control Room/Cuarto de Control
- ③ Switchyard/Estación de Clasificación

- ④ Power Block/Bloque de Energía
- ⑤ Ammonia/Amonia
- ⑥ Water Tank/Tanque de Agua

— NRG Property Line/ Línea de la Propiedad de NRG



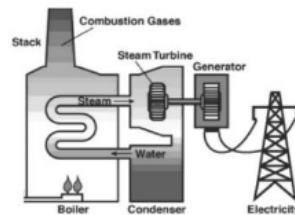
Sustainable Benefits Beneficios Sostenibles



Water Use/Consumo de Agua

80% ↓ Reduction in potable water use at P3 vs. existing units
Reducción en consumo de agua potable en P3 vs. unidades existentes

Mandalay Units 1 & 2



Puente Power Project

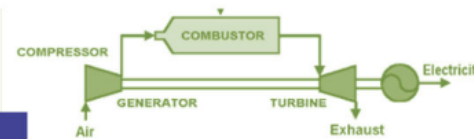


Table 4.15-3
MGS Historical Water Use and Wastewater Discharge

Year	Potable Water Use		Ocean Water Inflow		Total Discharge to Ocean ¹		Process Wastewater Discharge to Ocean	
	Million Gallons	Acre-feet	Million Gallons	Acre-feet	Million Gallons	Acre-feet	Million Gallons	Acre-feet
2010	12.6	38.6	15,601	47,753	15,610	47,781	9	28
2011	15.8	48.4	20,919	64,031	20,931	64,068	12	37
2012	25.0	76.5	28,101	86,015	28,118	86,067	17	52
2013	28.7	87.8	39,973	122,354	39,997	122,427	24	73
2014	19.0	58.2	24,178	74,007	24,193	74,053	15	46
Average	20.2	61.9	25,754	78,832	25,770	78,879	15	47
Minimum	12.6	38.6	15,601	47,753	15,610	47,781	9	28
Maximum	28.7	87.8	39,973	122,354	39,997	122,427	24	73

Source: NRG, 2015
Notes:
¹ Discharge numbers are slightly higher than inflows, and reflect process plant flows that include boiler blowdown, condenser overflow, and the retention basin discharge.

~Annual Potable Water Use		~ Process Wastewater		% Change from Existing MGS Units 1&2	
Million Gallons	Acre-feet	Million Gallons	Acre-feet	Potable	Discharge
6.15	18.87	2.13	6.53	-81.92%	-99.99%

Sustainability/Sostenibilidad

Generating a nominal
Generación nominal de

262MW

of new, state-of-the-art electricity
de nueva electricidad de última tecnología



Enough to power over 130,000 homes
Suficiente para alimentar más de 130,000 hogares

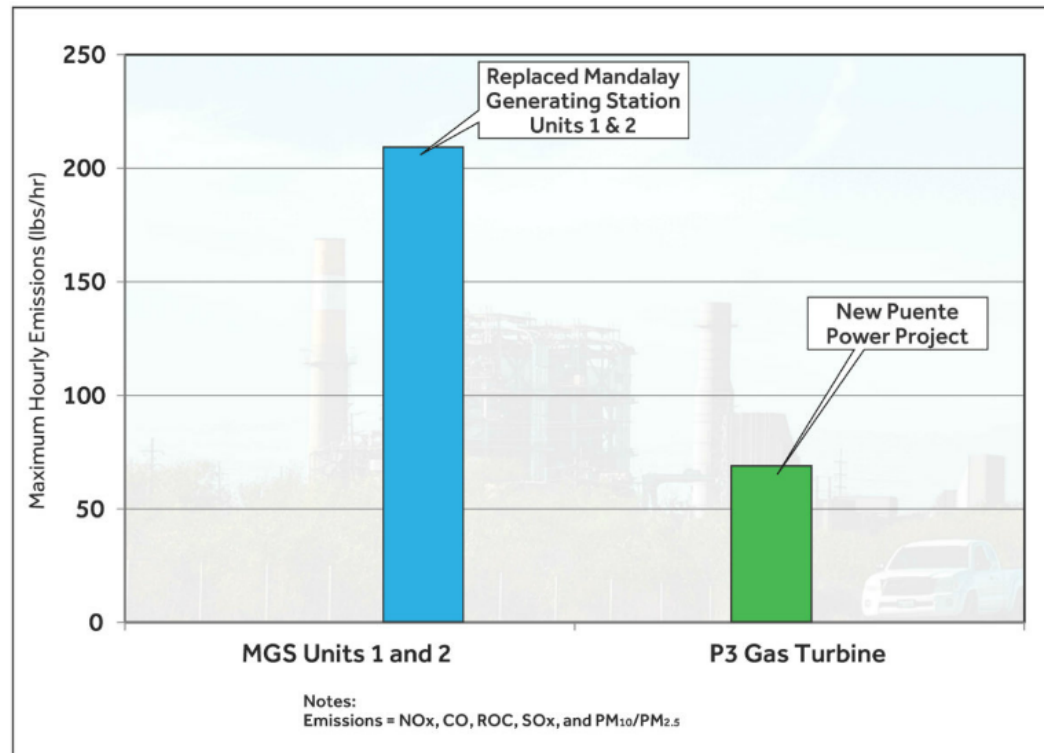


Provide flexible capacity to help reliably integrate additional renewable sources of electricity
Proporciona capacidad flexible para ayudar a integrar confiablemente fuentes de electricidad renovables adicionales

Repurposing existing infrastructure to minimize impacts and LEED certified
Reutilización de la infraestructura existente para minimizar los impactos y la certificación LEED



Air Emissions Emisiones a la Atmósfera



New Puente Power Project

State-of-the-art emissions controls

Limited to 200 starts per year

Limited to 2,453 hours of operation per year

Maximum hourly emissions for P3 < MGS Units 1 and 2

Controles de emisiones de última generación

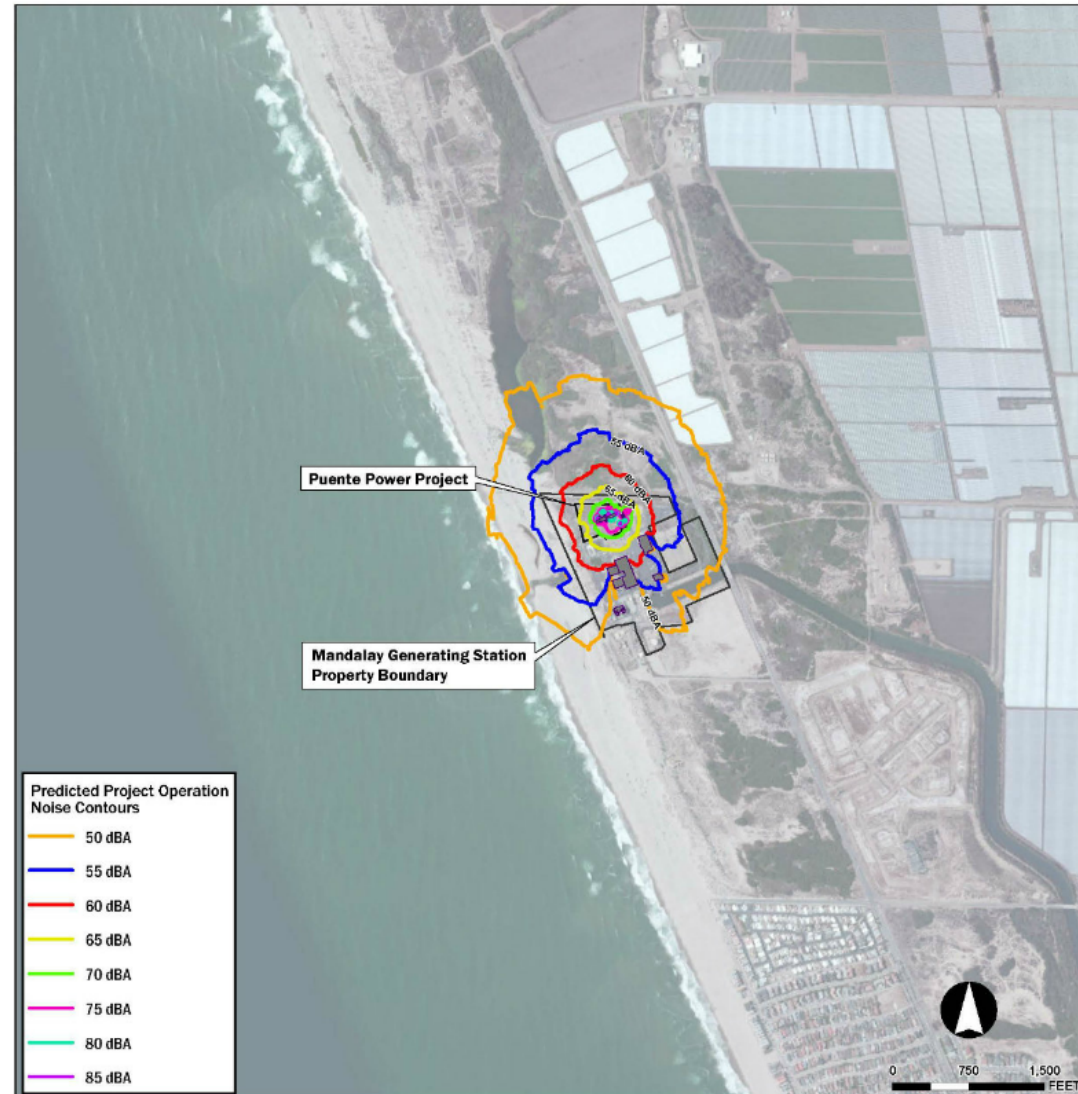
Limitado a 200 inicios anualmente

Limitado a 2,453 horas de operación anualmente

Emisiones máximas por hora: P3 < MGS 1 y 2

Project Noise Level Contour Map

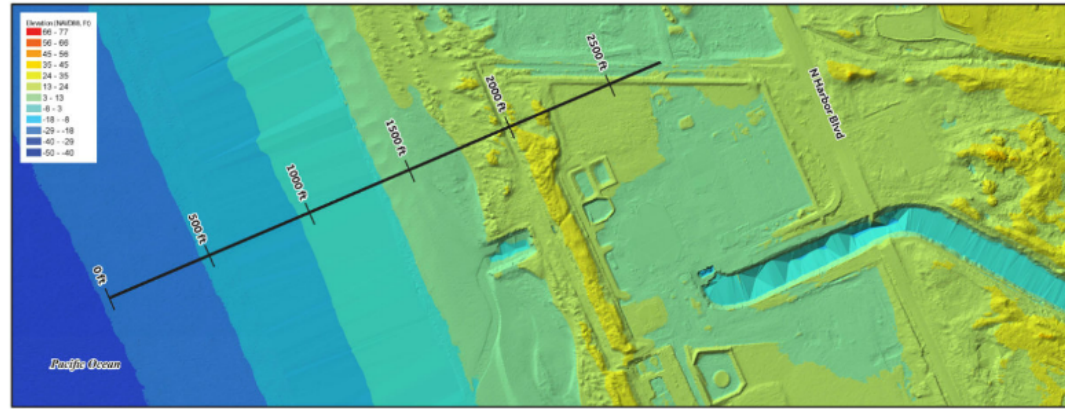
Mapa de Nivel de Ruido del Proyecto



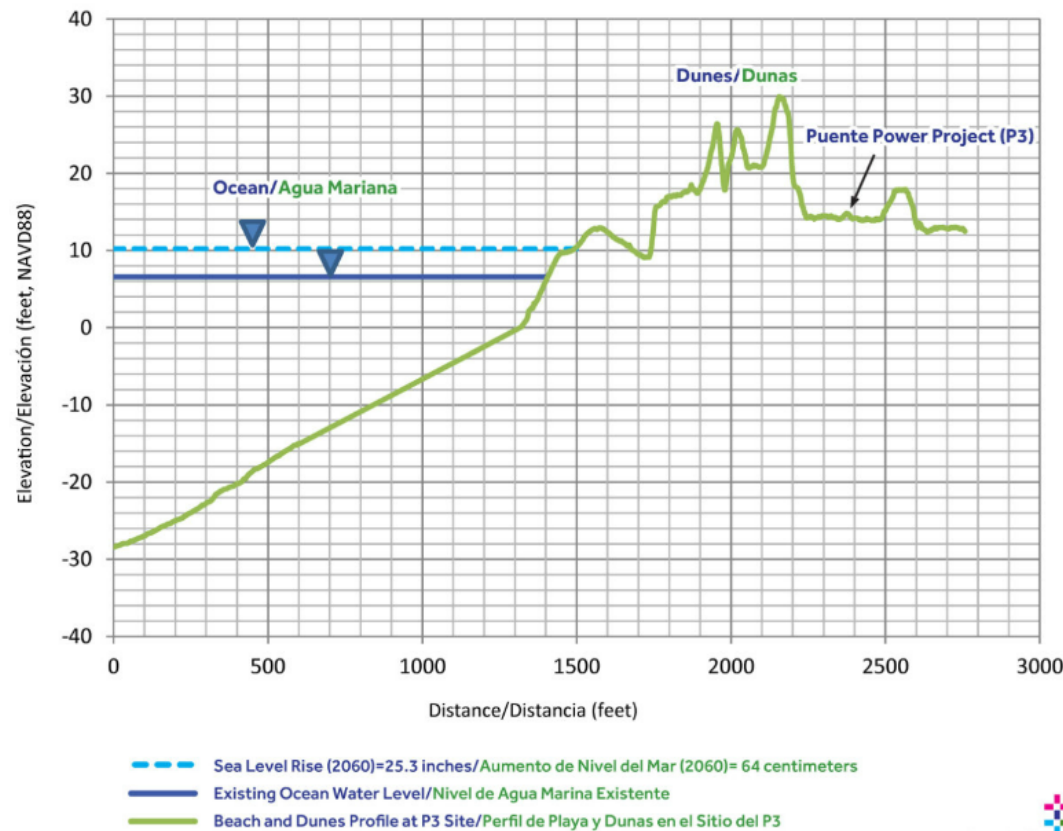
Oxnard City Code 7-188

Sound Zone	Type of Land Use	Allowable Exterior Sound Level	
		7:00 a.m. to 10:00 p.m.	10:00 p.m. to 7:00 a.m.
I	Residential	55 dBA	50 dBA
II	Commercial	65 dBA	60 dBA
III	Industrial	70 dBA	70 dBA

Sea Level Rise Aumento de Nivel del Mar



2013 NOAA Coastal California Topobathy Merge Project. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office for Coastal Management (OCM). PUBLICATION DATE: 2015-03-18. PUBLICATION PLACE: Charleston, SC. PUBLISHER: NOAA's Ocean Service (NOS). Office for Coastal Management (OCM).

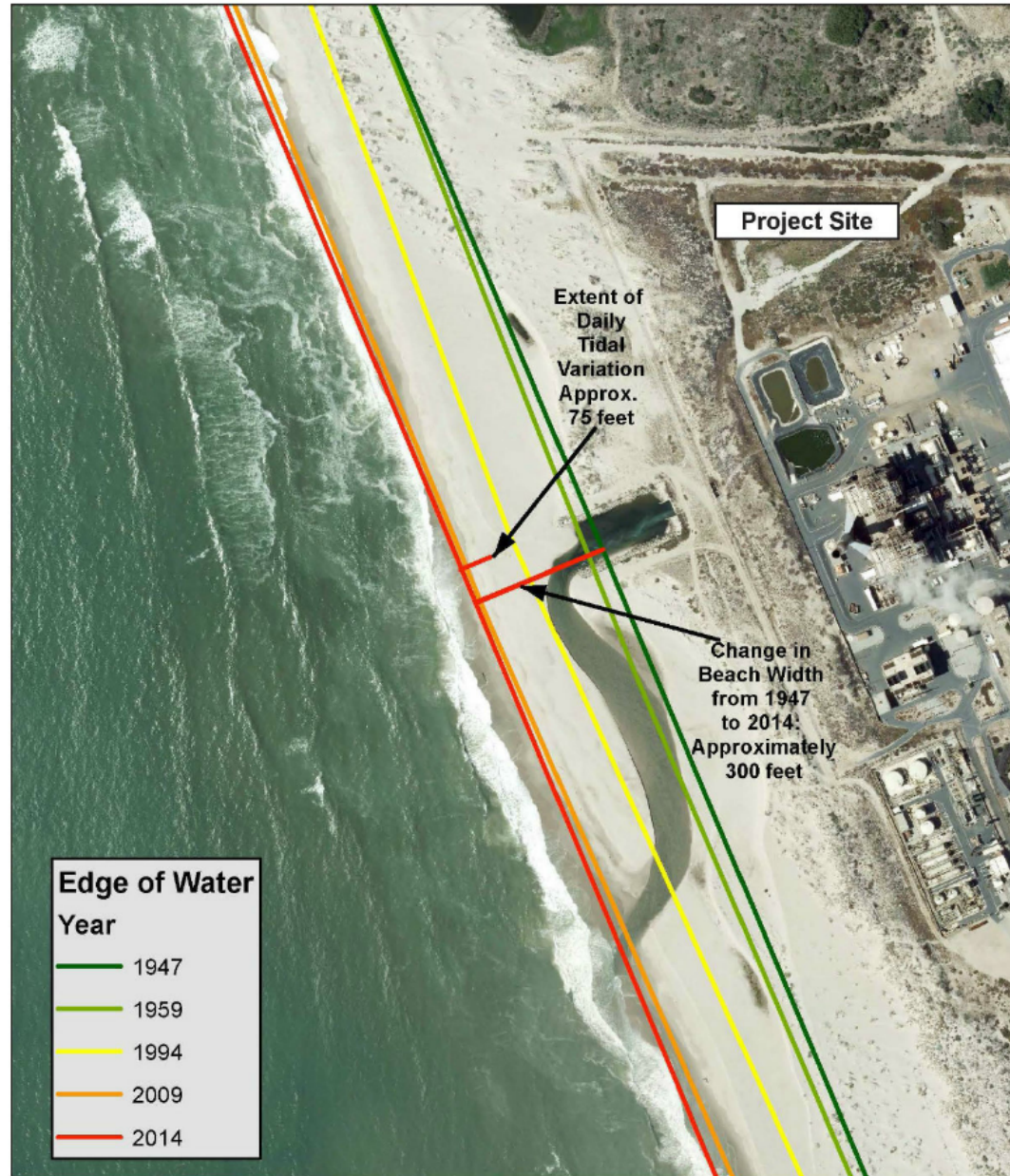


Sea Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future Committee on Sea Level Rise in California, Oregon, and Washington; Board on Earth Sciences and Resources; Ocean Studies Board; Division on Earth and Life Studies; National Research Council. The National Academies Press, Washington, D.C. 2012.



Mandalay Beach 1947 – 2014

Mandalay Beach 1947 – 2014



Project Economic Benefits

Beneficios Economico del Proyecto

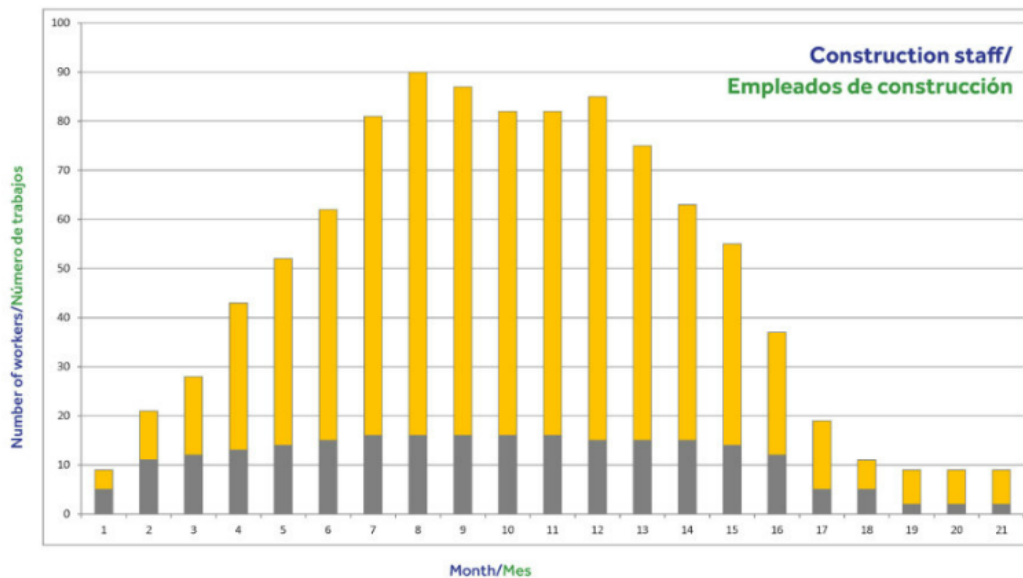
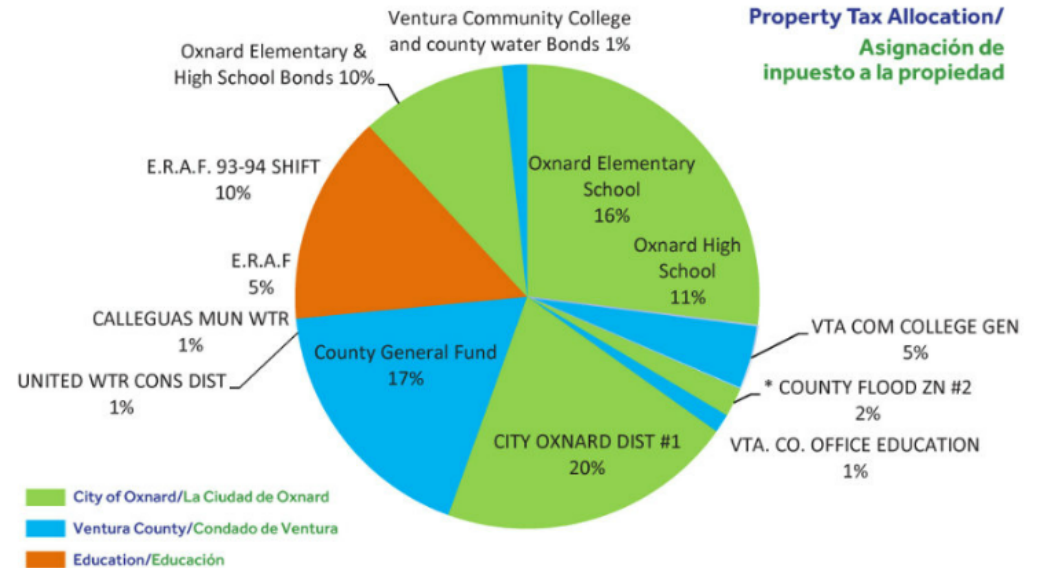


\$2.8M Increased property tax revenue
Ingresos del impuesto a la propiedad

\$5M Sales tax revenue
Ingresos sobre las ventas

\$64.4M Locally purchased construction materials
Compras locales de construcción

\$12.4M Indirect & induced construction spending
Compras indirectas y inducidas por construcción



199 Indirect & induced jobs
Trabajos indirectas y inducidas

\$14.4M Local construction payroll
Nómina de construcción



Schedule/Horario

2015	2016	2017	2018	2019	2020
★ Filed AFC/Presentó solicitud de certificación					
Permitting/Permisos					
		Design/Fabrication/Delivery / Diseño Fabricación/ Entrega			
				Construction/Construcción	
Commercial Operation/Operación Comercial					★



