

ALAMITOS ENERGY CENTER

THE POWER of POSITIVE ENERGY

The Alamitos Energy Center (AEC) will not only provide Long Beach with a sustainable and economically viable future, but it will also help California meet its aggressive green energy goals by helping integrate more renewable power and employing the highest efficiency technology.

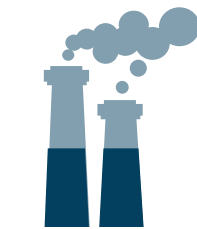
Highly efficient
1,040 MW
natural gas fired
combined cycle and
simple cycle air-cooled
power plant



Includes new
300 MW
1,200 MWh
battery energy
storage system



Enables integration of
Renewable
energy



Nearly
50%
reduction
in emission
rates

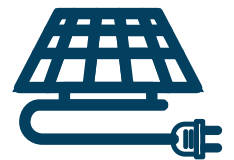
Capacity to power
1.5 Million
homes & businesses



\$8 Million
contributed annually to
local economy



\$1.3 Billion
private investment in
local electricity
infrastructure



50% Less
fuel used to generate same
amount of electricity



70% Less
fresh water used and
eliminates use of ocean water



After Construction



The new AEC will not only be cleaner and more responsive to California's energy needs, the new plant will also be shorter and sleeker, reducing visual impact and improving its appearance for local neighbors. Currently, the tallest structure at the existing plant is about 214' - the tallest structure at AEC will be 150'.



There will be
NO INTERRUPTION
of electricity service during construction



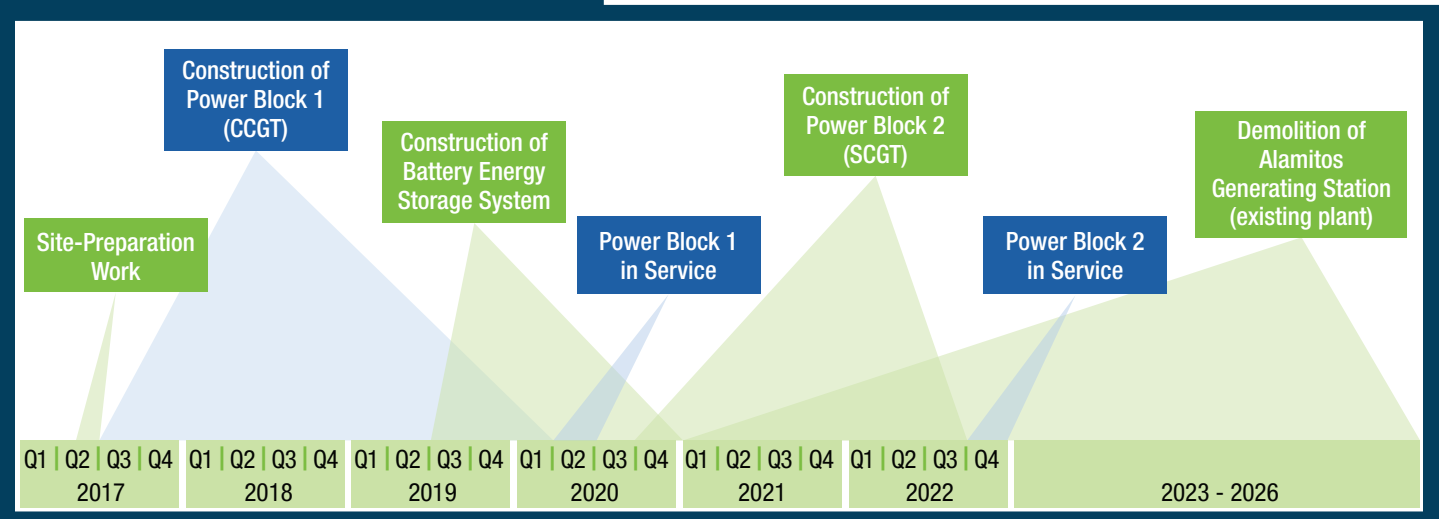
\$400 Million
payroll for construction

- Construction begins July 2017
- Online generating power by May 2020



+\$130 Million
in local purchases during
6-year construction period

CONSTRUCTION SCHEDULE



4.7 Million
Hours of construction
related work

