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Docket Number:	13-AFC-01
Project Title:	Alamitos Energy Center
TN #:	214144
Document Title:	About the AES Alamitos Modernization Project Fact Sheet 2015
Description:	N/A
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Organization:	Los Cerritos Wetlands Land Trust
Submitter Role:	Intervenor
Submission Date:	10/21/2016 4:16:16 PM
Docketed Date:	10/21/2016

About the AES Alamitos Modernization Project

SMALLER IN SIZE, BIGGER IN EFFICIENCY

To help California meet its clean energy goals, we're introducing two dynamic new projects to modernize the AES Alamitos generating station — the Alamitos Energy Center (AEC) and the Alamitos Battery Energy Storage System.

CLOSES THE ENERGY GAP

Our new AEC will help prevent blackouts and fill the energy gap created by the closure of older, less efficient plants in southern California. It will be half the size of the existing one, will use more efficient technology, start and stop more quickly, and will help the state meet its energy efficiency and greenhouse gas reduction goals.

FLEXIBLE ENERGY, A BRIDGE FOR RENEWABLES

The new state-of-the-art natural gas plant will be cleaner and more efficient, and be able to start and stop in a matter of minutes (compared to the 12 to 36 hours it takes for our existing plant) — providing the flexibility state energy officials say is needed to better match electricity demand and to integrate intermittent renewable energy like wind and solar into our state's energy portfolio.

The Alamitos Battery Energy Storage System (BESS) — a second project on the same site — will be 300 MW of interconnected, and 600 MW of flexible, zero-emission battery energy storage. This new storage resource — the biggest in the world — will provide unmatched operational flexibility, enabling the most efficient use of renewable energy resources, lowering costs and emissions, and providing increased reliability to the electrical grid.

MORE LOCAL JOBS, A STRONGER ECONOMY

Our $1.3-1.5 billion private investment in the combined projects will contribute millions a year to grow Long Beach's local economy and generate additional tax revenue to help pay for local services.

During construction, the AEC alone will result in more than $132 million in local purchases, 1.48 million hours in construction-related work and a payroll of over $315 million — creating jobs and boosting the economy, while modernizing California's infrastructure.

Once completed, the AEC will contribute between $12.3 and $14.6 million annually to the local economy, helping to pay for local services like police and fire.

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MORE EFFICIENT, ENVIRONMENTALLY CONSCIOUS

With the latest technology, the new AEC will help conserve natural resources by using less natural gas to produce the same amount of energy our old plant produces today. In addition, our new plant will be able to respond quickly to “smooth out” the supply of electricity when renewables like wind and solar aren’t operating. Similarly, the zero-emission BESS stores energy for later use — supporting the use of intermittent renewables, like wind and solar, and providing greater reliability to the grid.

A GOOD NEIGHBOR GUARANTEE

AES is taking great care to minimize traffic and noise during the construction phase of our modernization projects. All employees, construction workers, construction equipment and supplies will be commuting through a variety of available roadways and the public will be shielded from noise, visual and dust — helping reduce all potential impacts. What’s more, some of our closest neighbors will likely notice a reduction in noise levels thanks to our new plant’s noise abatement features — making the plant both quieter and more visually pleasing.

View of AES Alamitos site from University Park Estates

View of AES Alamitos front gate on Studebaker Road and proposed Battery Energy Storage System from Studebaker Road

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Contact us at **talk@renewAESAlamitos.com** or call 657-206-5814 for more information.