



AES HUNTINGTON BEACH ENERGY PROJECT

Southeast Area Committee Meeting

Presented By:

AES Huntington Beach Energy, LLC

January 27, 2016





Current Project Status

Permitting

- Application to modernize AES Huntington Beach submitted to California Energy Commission (CEC) June 2012
- City of Huntington Beach, local community input and CEC staff reviewed and commented on the Huntington Beach Energy Project
- **CEC approved Huntington Beach Energy Project license October, 2014**

Planning and Procurement

- California Public Utilities Commission 2012 LTPP authorized utility to procure new generation to meet future need
- **Southern California Edison (SCE) awarded AES a 20 year Power Purchase Agreement October, 2014 (AES Huntington Beach and AES Alamitos)**
- California Public Utilities Commission approved the terms of SCE's PPA with AES on November 19, 2015



Huntington Beach Energy Project Requires an Amendment to CEC License

- CEC approved a 939 MW combined-cycle natural gas turbine project
- AES submitted multiple bids to SCE for a PPA for natural gas turbine generation at the AES Huntington Beach site
- SCE selected a different model and type of combined-cycle natural gas turbine technology
- AES has submitted a **Petition to Amend to the CEC** for a revised project to match the needs of SCE
- Smaller project of 844 MW satisfies Local Area Reliability Requirements and is consistent with original project objectives



Huntington Beach Energy Project Amendment

- Two 3-on-1 CCGT power blocks changed to one 2-on-1 CCGT power block and two advanced technology simple cycle gas turbines
- Only one air cooled condenser
- More efficient, less GHGs, less water
- Located in the same basic footprint and within fence line
- Requires additional temporary space for construction
- Revised aesthetic design to be approved by City of Huntington Beach
- All commitments to community will be kept



HUNTINGTON BEACH ENERGY PROJECT

Cleaner | Efficient | Reliable



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Cleaner | Efficient | Reliable





Petition to Amend Process

- **AES filed detailed project description with accompanying environmental analysis**
 - Drawings, specifications, schedules, etc.
 - Environmental analysis of changes
 - Minor revisions to Conditions of Certification (no new or additional mitigation necessary)
- **CEC reviews and prepares a staff analysis of PTA**
 - Discovery period
 - Public meeting(s)
 - Staff analysis
 - Recommendation by Siting Committee
 - Full Commission approval
- **AES to prepare architectural treatment for revised project**
 - Consultation and review with City of Huntington Beach staff and Design Review Board
 - City Council to approve revisions



THANK YOU

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