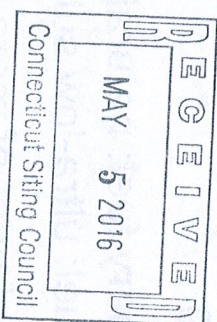


# Bridgeport Harbor Station Combined Cycle Project

SITING COUNCIL  
PRESENTATION  
MAY 5, 2016



**PSEG**

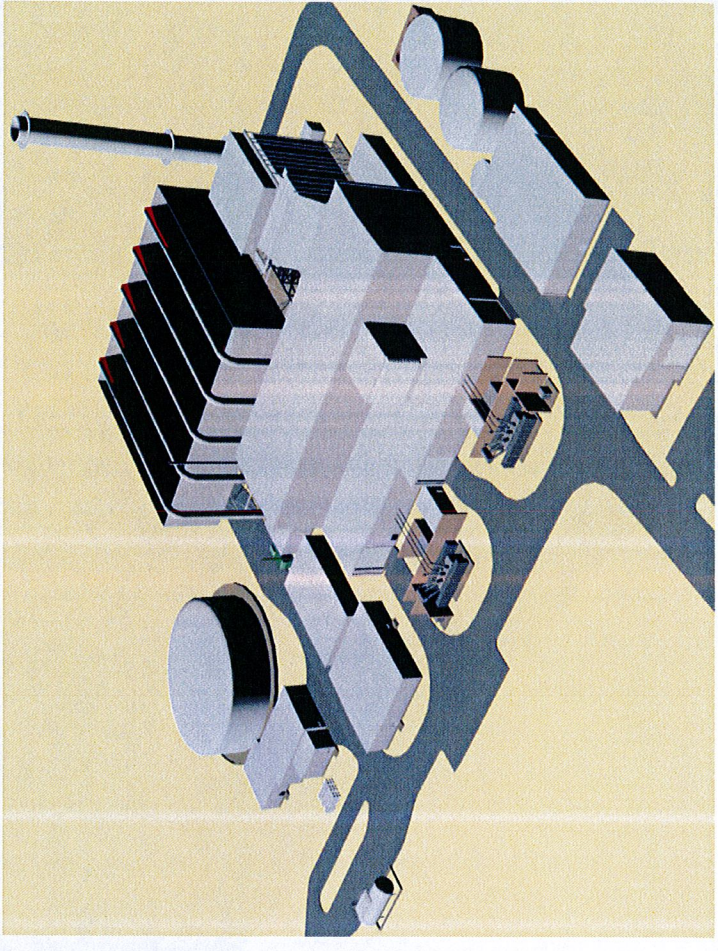
*Power Connecticut LLC*



# Bridgeport Harbor Station Combined Cycle

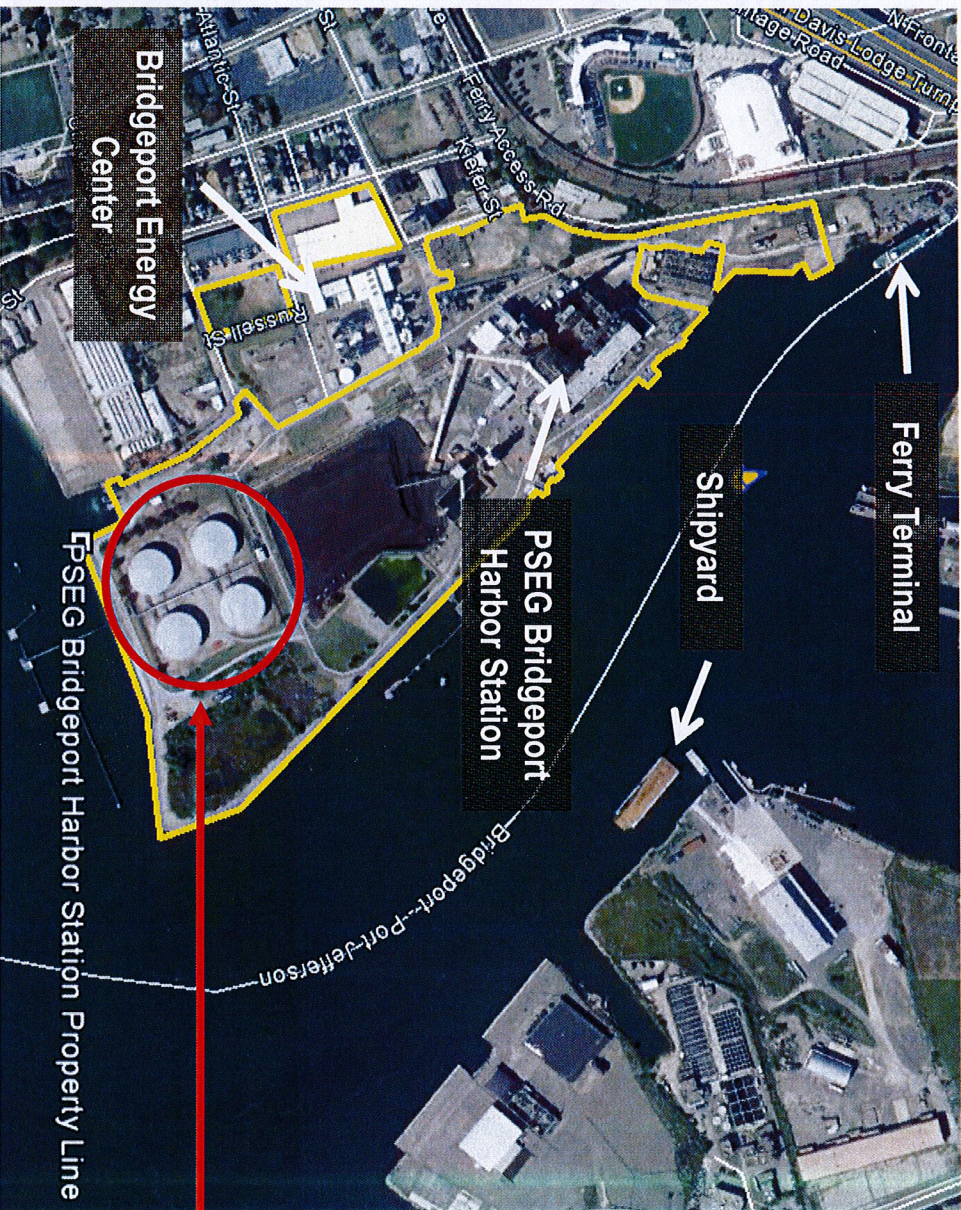
*On February 11, 2016, PSEG Power cleared 485 MWs of Installed Summer Capacity from a new combined-cycle plant in the ISO-NE Forward Capacity Auction.*

- Target completion date: June 2019
- Primary fuel: natural gas; back-up fuel: ultra-low sulfur oil
- Investment of more than \$550 million
- 350 construction jobs (over 2 years) and 25 permanent jobs
- In excess of \$5M additional tax revenue per year to the City





# Located at the Existing Bridgeport Harbor Generating Station



\* Google Earth Image

Combined-cycle location  
– existing tanks to be removed



# Environmental Performance

- Clean, state-of-the-art generating technology; full complement of emissions controls
- Will meet all local, state and federal environmental standards
- The proposed project is subject to review and approval by CT DEEP
- Exhaust stack design reduces potential ground-level air emissions
- Air-cooled condensers to eliminate the use of harbor water for cooling purposes
- Unit expected to displace older, higher-emitting generation, contributing to a decrease in total emissions in the region

<b><u>Emissions Control Equipment</u></b>	
Selective Catalytic Reduction system	For Nitrogen oxide (NOx)
Dry low NOx combustors	
Oxidation Catalysts	For carbon monoxide CO)



# Community Environmental Benefits Agreement

- PSEG, the City of Bridgeport, the University of Bridgeport, and several community and environmental organizations entered into a Community Environmental Benefits Agreement (CEBA) associated with the new plant.
- Under the terms of the CEBA, PSEG will:
  - Retire the coal plant no later than July 2021
  - Establish a \$2 million fund to support projects that create environmental benefits for Bridgeport residents
  - Establish a program to consider at least \$5 million of renewable energy projects
  - Assign a Community Liaison Officer to be the point of contact with community groups
- Work with the community to support local and regional hiring





# Committed to providing Connecticut and the region with reliable and environmentally-responsible energy



For updates, visit our project website at:  
[www.pseg.com/Bridgeport-Harbor-CC-Project](http://www.pseg.com/Bridgeport-Harbor-CC-Project)