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# 5th Annual Meeting of the E-affiliates Partnership of the Andlinger Center for Energy and the Environment

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PSEG Fossil

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# About PSEG



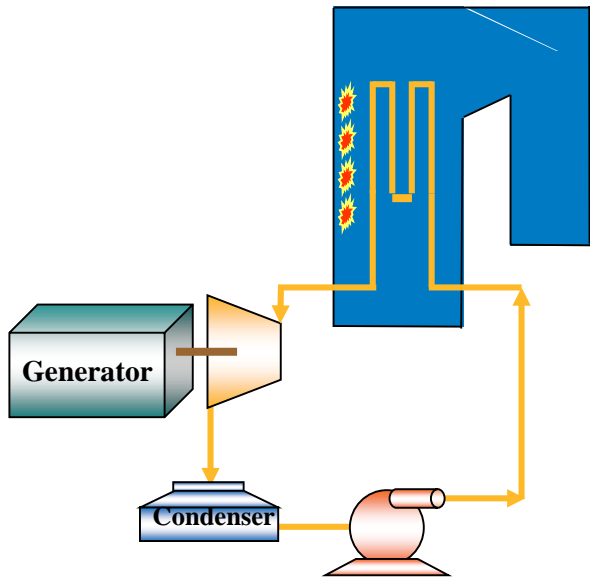
**P**eople providing **S**afe, reliable, **E**conomic and **G**reener **E**nergy

# PSEG Power has generating assets in three competitive markets

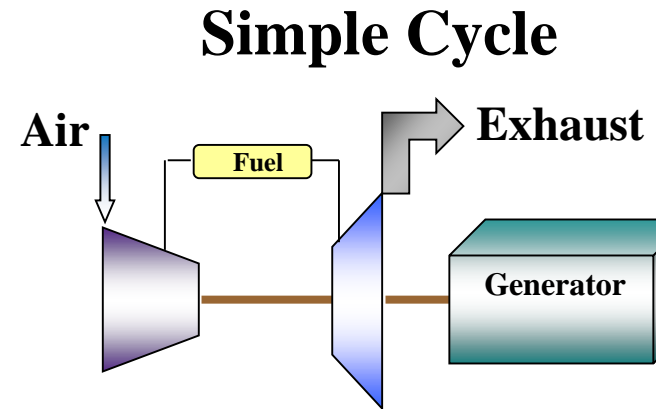
- Assets located near load centers
- Low-cost portfolio
  - Fuel flexibility with gas cost advantage
- Positioned to benefit from volatility in real-time markets
- Readiness for capacity performance (CP) in PJM
- Sites suitable for expansion
- Combined-Cycle New Construction (Sewaren 7, Keys Energy Center, Bridgeport Harbor 5)



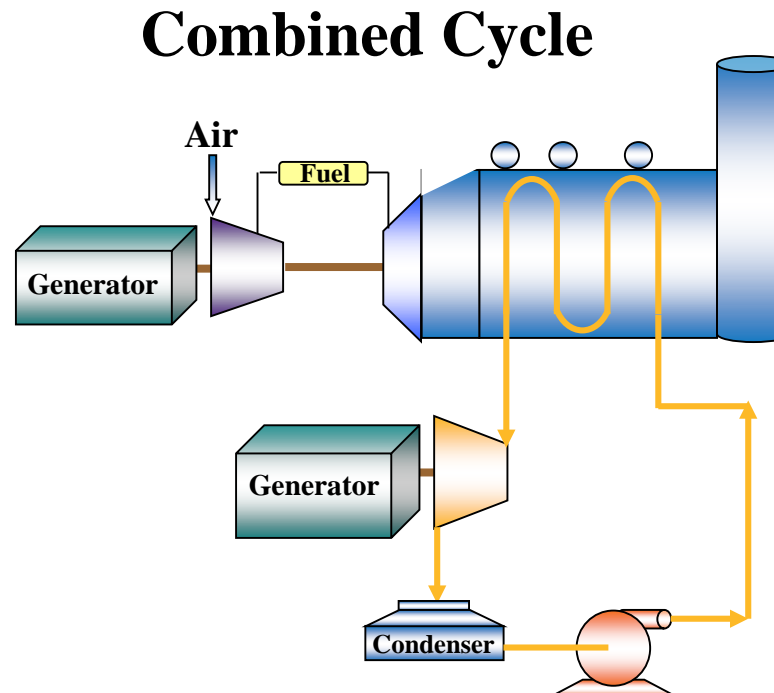
# Power Generation



**Conventional  
Steam**



**Simple Cycle**



**Combined Cycle**

# Bergen Generating Station - Ridgefield, NJ



**1229 MW Combined-Cycle Plant**  
**Monthly Average Grey Water Usage 161 Million Gallons**

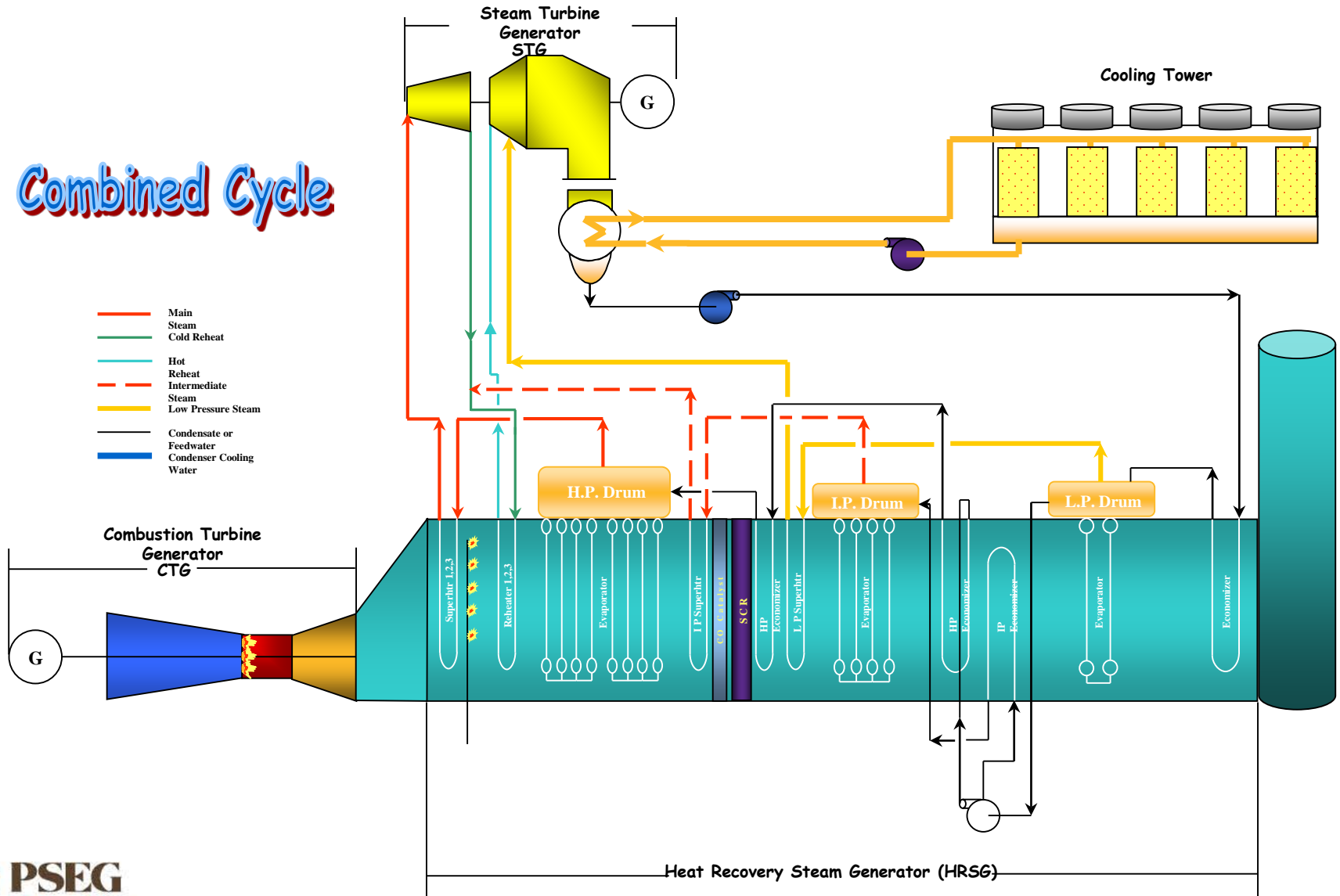
# Linden Generating Station - Linden, NJ



**1300 MW Combined-Cycle Plant**  
**Monthly Average Grey Water Usage 100 Million Gallons**

# Overall Arrangement

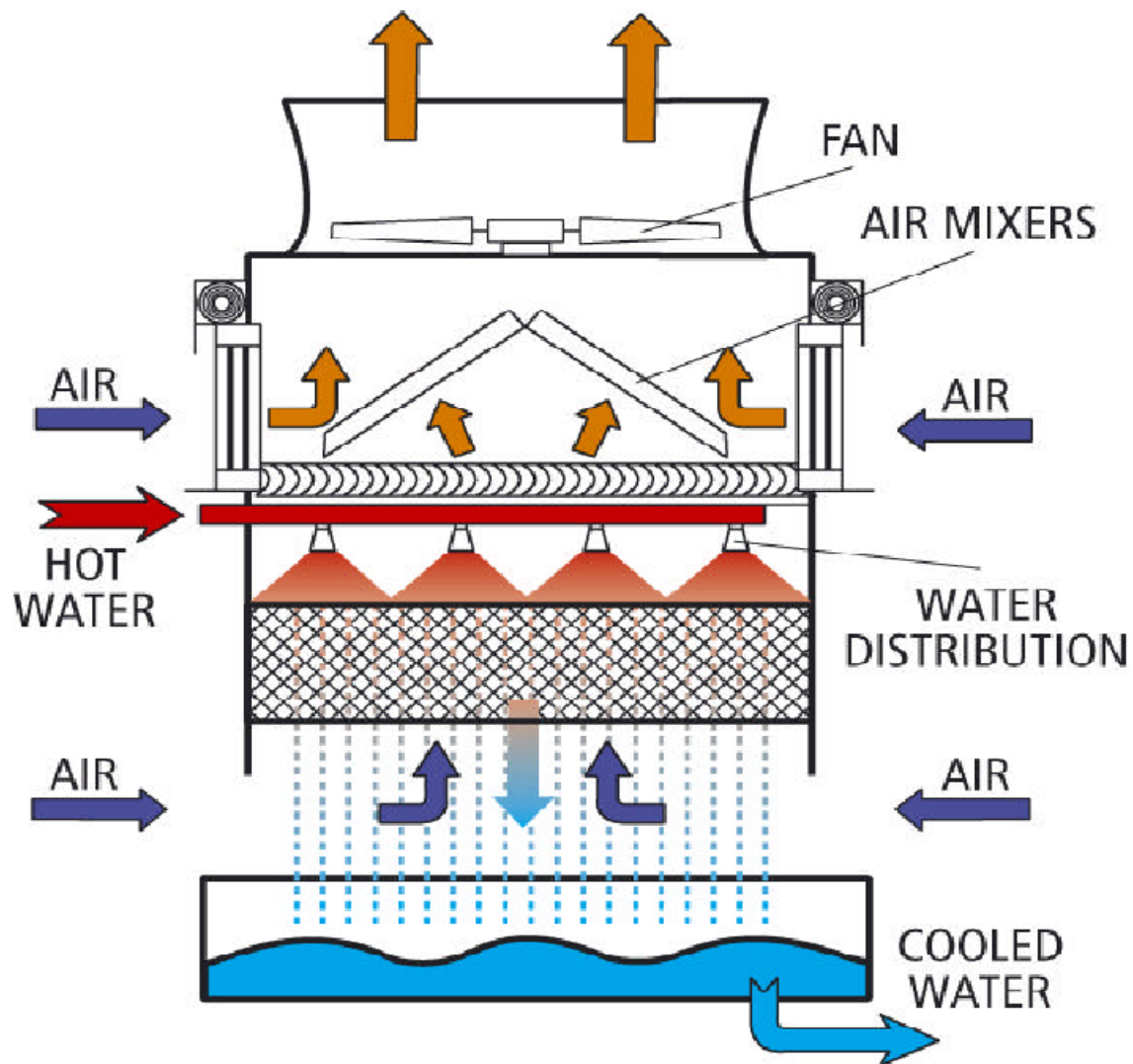
## Combined Cycle



# Cooling Towers



# Cooling Tower Operation



Questions?  
Comments?