



Photography Credit: Ocean Casino Resort

**Ocean**  
CASINO · RESORT  
ATLANTIC CITY

## CASE STUDY

# Ocean Casino's 7.5MW Cogeneration Plant

## Providing Cooling, Heating, and Emergency Electric Power

Concord Engineering Group was selected to complete the engineering design of a 7.5 MW cogeneration plant to be integrated into the Ocean Casino, former Revel Inlet District Energy Center.

The 3.3 Million SF hotel and entertainment complex, complete with 1,900 hotel rooms, 6 pools and spas, 12 restaurants, and live entertainment venues, required complex combined heat and power plant engineering services.

### THE CONCORD DIFFERENCE

- Advanced expertise in delivering end-to-end, whole plant solutions that enhance performance, increase efficiency, and reduce downtime.
- Uniquely qualified to perform large-scale power and T&D engineering and owner's representative services in the gaming industry due to extensive experience in this industry.



### CONCORD ENGINEERING SOLUTION

- Engineered a 75,000 SF Cogeneration plant to provide cooling, heating, and normal and emergency electric power to the Hotel & Casino complex across the street.
- Plant designed with an ultimate capacity of 15,000 tons of cooling, 160,000 MMBtu of hot water production, and a 7.5MW of emergency power generation.

### + LOCATION

Atlantic City, NJ

### + SERVICES

Power Engineering  
Combined Heat & Power  
Engineering Design

### + PARTNERS

R2 Architects

### + TAGS

CHP Engineering  
Cogeneration  
Central Utility Plant (CUP)  
Emergency Power Generation  
Power Engineering  
Commercial Engineering  
Gaming & Hospitality

### GET IN TOUCH

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