

Camden County Improvement Authority The Battleship New Jersey Museum & Memorial LGEA, Pay-for-Performance

PROJECT INFORMATION

CONCORD DIVISION
Commercial

PROJECT LOCATION
Camden, NJ

MARKET Government

<u>SERVICES</u> LGEA Pay-for-Performance

CONSTRUCTION COST \$1 Million

ABOUT THE CLIENT

New Jersey was decommissioned for the last time in 1991 (after serving a total of 21 years in the active fleet), having earned a Navy Unit Commendation for service in Vietnam and 19 battle and campaign stars for combat operations during World War II, the Korean War, the Vietnam War, the Lebanese Civil War, and service in the Persian Gulf. After a brief retention in the mothball fleet, she was donated to the Home Port Alliance in Camden, New Jersey, and began her career as a museum ship 15 October 2001.

(856) 427-0200 CONCORD-ENGINEERING.COM



LOCAL GOVERNMENT ENERGY AUDIT

In late 2012, the operator of the Battleship New Jersey, Home Port Alliance solicited for an Energy Audit paid for via the New Jersey Clean Energy Local Government Energy Audit Program. Concord, the successful bidder, completed a comprehensive energy audit of the USS New Jersey Iowa Class Battleship (now museum) and Visitors Center. The audit uncovered several needed energy efficiency upgrades including replacement of equipment, operational and controls improvements, and conversion of the electric heating system to gas.

NJ PAY-FOR-PERFORMANCE PROGRAM

Stemming from the energy audit, the Battleship decided to implement some of the recommendations. The key project of interest for the Battleship involves the conversion of the existing electric heating system to a gas-fired boiler plant to provide hot water heating. The project has an estimated cost of over \$1 million, so Concord and consultants applied for a funding incentive through the NJ Pay for Performance Existing Buildings Program. Pending approval, the incentive could net an estimated \$158,000 towards the project.

ENERGY PROJECT ENGINEERING

Concord, as part of its continued relationship with the Battleship, has put together an engineering team in order to prepare documents for the bid and construction of the heating system conversion project. Engineering was completed for this effort and the new plant was installed and operation by Fall 2017.