

Anacostia Annex Naval Air Facility

Energy Savings Performance Contract (ESPC)



The Naval District of Washington (NDW) encompasses over 4,000 square miles in the Washington DC area. NDW is responsible for providing operational and support services to over 120 mission commands in the region. Con Edison Solutions provides energy savings performance contracting services to NDW under the USAESCH Huntsville Forty-Six State ESPC Contract.

Con Edison Solutions identified high bay lighting efficiency and controls measures within aircraft hangars and drill hall spaces of five buildings at the Anacostia Annex in Washington, DC and the Naval Air Facility at Andrews Air Force Base, MD. Energy audits were conducted at each facility and included light level and power measurements. Detailed engineering and economic analyses were performed during the Detailed Energy Study phase, the results of which prompted the Navy to issue a Delivery Order Award for a firm fixed price contract. Con Edison Solutions managed the turnkey installation of the measures including system design, savings calculations, life-cycle cost analyses, metering and verification, hiring subcontractors, coordinating schedules with and training facility personnel, disposing of debris, and recycling materials.

ENERGY CONSERVATION MEASURES

- Installed new high-output T8 or T5 systems with electronic ballasts
- Installed day lighting control systems
- Installed occupancy lighting control systems



PROJECT DATA

LOCATION

Washington, D.C.

CONSTRUCTION DATES

Completed on time

CAPITAL COSTS

\$1,055,782

ANNUAL SAVINGS

\$88,560