

PROJECT CASE STUDY

Department Of State



ENVOCORE SOLUTIONS

- Newly installed meters to measure entire buildings, individual tenants or areas, specific pieces of equipment or individual circuits quickly and accurately
- Energy efficient lighting upgrades with occupancy controls & sensors were installed
- The installation of 28 E-Mon D-Mon Electrical Sub metering Products and system re-wiring

DRIVERS

- Contribute to operational efficiency, energy conservation, and modernization of existing equipment and technology
- The data collected from each sub-meter will assist the US Department of State in capturing the delivered energy (kWh), real power (kW), apparent power (kVA), power factor (%), current load (A) and line-to-line voltage (V) for various systems such as HVAC, Lighting, Air Handling, etc. within each building.

PROJECT BACKGROUND

Retro-Tech Systems and RTS Water Solutions, divisions of Envocore, provided a large lighting, electrical, and water project for the US Department of State. The contract encompassed over 3.3 million sq. ft. within several Federal Buildings, including the Harry S. Truman Building, the National Foreign Affairs Training Center, the ICC Building, the Beltsville Information Management Center, and the Blair House. Special emphasizes were place on the project which included lighting design to measurement and verification to security expectations. This was a very high profile project in a very high security facility with significant historical requirements.

ABOUT THE DEPARTMENT OF STATE

The US Department of State is our nation's lead U.S. foreign affairs agency with offices for the Secretary of State, the President's principal foreign policy advisor.

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