



Project Highlight

U.S. Department of the Interior, Washington D.C.

AMERESCO 

Efficiency Measures at
DOI Headquarters Building
Expected to Reduce Water
Consumption by 70%

Technology Type:

Energy Efficiency | Energy Savings | Energy
Savings Performance Contract | Water Efficiency

Reduction in Water Consumption

70%

Reduction in Electricity Consumption

31%

Reduction in Steam Utilization

12%

Energy and Cost Savings

\$87 million



Summary

The U.S. Department of the Interior (DOI) selected Ameresco to develop an Energy Savings Performance Contract (ESPC). The contract, valued at \$77 million over the 20-year term, is designed to provide for the implementation of water conservation and energy efficiency measures including building automation system upgrades and ongoing energy management services to DOI's headquarters in Washington, D.C.



Solution

Through the comprehensive ESPC, Ameresco installed a combination of measures to reduce energy and water consumption within the seven-story, 1.3 million square foot headquarters building.

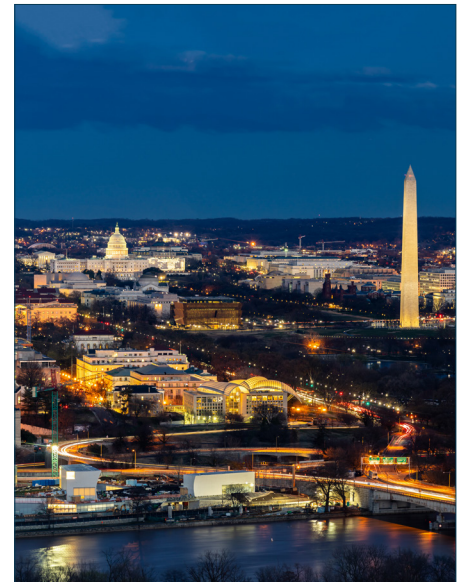
- Installed new plumbing fixtures
- Harvested groundwater for irrigation, cooling tower makeup water supply, and toilet
- Installed 9,400 solid state/light emitting diode (LED) technology fixtures
- New advanced lighting control system
- Installed over 500 new windows with between-glass blinds
- New open-protocol direct digital control (DDC) system



Ameresco is excited to serve the Department of the Interior in leading by example at its headquarters building in the nation's capital. This project will support the Department in meeting its sustainability goals through innovative water saving measures and ongoing services that are expected to save energy and optimize building operations for the next two decades.



Nicole Bulgarino
*VP and General Manager,
Federal Solutions, Ameresco*



Benefits

This project not only supports the Department in meeting Federal sustainability requirements, it is designed to optimize the overall energy performance of the building.

- Reduced domestic water consumption by 70%
- Reduced electricity consumption by 31%
- Reduced steam utilization by 12%
- First year savings of \$3,200,000
- Reduced the Department's greenhouse gas emissions by 24%
- Reduced heating and cooling losses to the outside environment

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

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