



**ESPC SUCCESS STORY**

**FDA WHITE OAK CAMPUS  
SILVER SPRING, MARYLAND**

**Environmental Stewardship and Cost Savings**

For construction of the FDA Campus in White Oak, MD, the General Services Administration (GSA) teamed up with Honeywell to construct a combined heat and power plant using Super Energy Savings Performance Contracts (ESPCs). The plant buildout is staged to match the multi-year campus development. The project is currently expanding to almost 20 MW of cogeneration, including a 5.6 MW dual fuel engine and three 4.5 MW natural gas combustion turbines. Other project features include two 1130-ton absorption chillers, two 1130-ton and three 1980-ton electric chillers and three 10 MMBtu/hr hot water boilers. The ESPCs also include integrated plant controls, building automation systems, an 1,800 sf fixed solar array and a 300 sf single-axis tracking solar array. The \$71 M installed system cost is estimated to save \$5.8 M in annual energy cost savings and \$6.5 M in annual reduced O&M costs when all of the supported Campus buildings are completed.



The FDA White Oak Campus receives power from a Central Utility Plant that was constructed using energy savings performance contracts. The contracts allow for the expansion of generating capacity to meet the needs of the campus as it grows.



Federal Energy Management Program

Please see FEMP's ESPC Web pages at  
<http://www1.eere.energy.gov/femp/financing/espcs.html>

For More Information  
Contact the EERE Information Center  
1-877-EERE-INF or 1-877-337-3463

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