

Honeywell Building Solutions SES (HBS SES – formerly doing business as Sempra Energy Services Company and CES/Way International) is one of the nation’s largest providers of comprehensive, high-quality energy performance contracting projects. Our company is a wholly owned subsidiary of Honeywell, a Fortune 100 company founded in 1885 that is a \$31 billion diversified technology and manufacturing leader and a global leader in the energy services & building industry, helping organizations conserve energy, improve & optimize facilities and equipment operation, and improve security. It is a pioneer in performance contracting and has completed more than 4,000 energy-saving projects.

HBS SES draws on expertise from the Honeywell family of companies to provide its customers with superior installation and cost savings. We are a highly reliable company with specialized energy industry experience such as central plant systems expertise, power generation, sustainability, integrated design, day-lighting, materials selection, and indoor environmental quality, as well as significant experience with facilities management and energy and water systems.

Project Management. HBS SES’ approach to projects is comprehensive and customer oriented. We ensure a highly effective project management approach by providing competitive pricing, in-house industry experts, subcontractor expertise, and teamwork. Our engineering staff is experienced in every aspect of energy projects, enabling us to design and install the most cost-effective Energy Conservation Measures (ECMs) for each client’s unique facility needs and to guarantee that targeted energy savings will be achieved. HBS SES has a reputation for engineering and construction competence earned by an in-house team comprised of dedicated energy professionals. Our Registered Professional Engineers, Certified Energy Managers, Project Managers and technical professionals have a range of experience that enables us to address all aspects of energy services projects with the most up-to-date knowledge of technologies, design and equipment. Many of HBS SES’ employees are considered leaders in their respective fields and have many years of education and experience that makes our projects the highest quality found in the industry. HBS SES engineers think “outside-the-box” and have come up with unique and innovative opportunities that meet individual customer needs.

Technical Capabilities and ESPC Experience. HBS SES is nationally recognized for the structuring, development, and implementation of energy conservation projects that finance the more costly mechanical system retrofits, such as chillers and boilers, from energy savings achieved by an overall package of lighting, HVAC and control system improvements. Our background includes all aspects of engineering, including electric, gas, water, and maintenance savings. To date, HBS SES has completed or has under development about \$1 billion in comprehensive energy projects and facility energy infrastructure improvements that save its customers \$70 million each year on their energy bills. Individual projects have ranged from less than \$1 million to nearly \$75 million.

Innovation. HBS SES has been instrumental in pioneering the application of energy savings performance contracting to federal new construction. Recognizing the potential value to the federal government, HBS SES worked with various individuals within the General Services Administration and the Department of Energy to refine the concept as to how the ESPC/new construction marriage would work. Both the Gulfport Courthouse and White Oak projects cited below are products of this innovative approach. HBS SES is currently working on another courthouse project with GSA in Jackson, MS that expands the ESPC reach further into building commissioning services. By blending an ESPC approach with commissioning services that commence during the concept design phase, the ability to influence the energy performance of the facility in a positive fashion is greatly enhanced.

Contact Information. For information on Honeywell and its federal energy services, contact Phil Smith at 770.632.0672 or phil.smith2@honeywell.com. Please visit our website at www.honeywell.com

Performance References

Facility/ Client Contact	ECMs Installed	Investment	Guaranteed Cost Savings Over Term
Hill Air Force Base UT Dave Abbott Energy Manager 801-777-5944	Lighting, VFDs on pumps and fan motors, chillers, cooling towers, energy management control systems, economizer controls, steam trap repairs, steam line insulation, computerized exterior irrigation control system, infrared heating (9 task/delivery orders)	\$30.9 million	\$59.2 million (term varies)
San Diego VA Healthcare System La Jolla, CA Tom Olson Facilities Manager 858-552-7593	Cogeneration plant with 4.5 MW Mercury 50 gas turbine with HRSG, 438-ton absorption chiller, and cooling tower. VFDs on air handlers throughout the hospital; reduced site emissions for which we brokered Emission Reduction Credits valued at \$4.2M to help offset capital costs	\$10.8 million	\$17 million (10 years)
Frank Hagel Federal Building Richmond, CA David Rougely Construction Projects Manager 510-970-4111	Installed 17kW Photovoltaic electrical generating system. Lighting retrofit, chilled water system optimization, optimized outside air ventilation, converted chilled water system to variable flow, installed 260kW cogeneration system, converted steam boiler to high efficiency hot water boiler.	\$2.4 million	\$3.8 million (13 years)
Federal Research Center at White Oak Silver Spring, MD Harry Debes Project Executive (202) 260-9583	Central Utility Plant with 5.6MW dual fuel engine generator, 2 MW standby diesel generator, three 4.5MW turbine-generators, two 1130-ton absorption chillers, three 2000-ton and two 1130-ton high-efficiency electric centrifugal chillers, three 10 MMBtu/hr hot water boilers, all ancillary plant equipment (cooling towers, pumps, switchgear, etc.), and all plant controls. Renovation of an on-site electric substation. 3000 SF photovoltaic array. Procurement of AHUs for Lab w/ integral enthalpy wheels and VFDs. Hydronic and electric distribution systems from the plant to the supported buildings. Full O&M for central plant and supported buildings.	\$74.7 million	\$305 million (23 years)
State University of New York at Buffalo Buffalo, NY Walter Simpson Energy Conservation Officer 716-829-9515	Lighting, 4000 point energy management system, motor replacements, VFDs on AHUs/exhaust fans/pumps, exhaust air heat recovery systems, and installation of steam, hydronic hot water and domestic hot water boilers ranging in size from 300 MBH to 9000 MBH in 22 buildings – project subsidized through use of HBS SES-procured electric utility rebate	\$18.4 million	N/A (guaranteed kWh savings) (15 years)
State University of New York at Cortland Cortland, NY William Shaut	Lighting, 2000 point energy management control system, motor replacements, VFDs on AHUs/exhaust fans/pumps, chiller replacements, cooling tower replacements, installation of gas fired steam and hot water boilers, building envelope insulation and weatherproofing, low flow shower heads, and electric service upgrades – project subsidized through use of HBS SES-procured electric	\$9.6 million	N/A (guaranteed kWh savings) (15 years)

607-753-2214	utility rebate		
State University of New York at Stony Brook Stony Brook, NY Amy Provenzano Executive Director- Environmental Stewardship 631-632-6361	Various mechanical systems upgrades for hospital and Health Science Center, replacing an existing 5000 point energy management control system and integrating new energy conservation measures into the system, provide variable air volume capability in several academic buildings, convert 13500-ton chiller plant to a variable chilled water system, converting from open to closed loop cooling systems	\$25.3 million	\$43.6 million (15 years)
Southeast Regional Medical Command (SERMC) Fort Benning, GA Fort Gordon, GA Fort Jackson, SC Fort Rucker, AL Fort Stewart, GA James Staulcup 706-787-1091	Lighting retrofits in hospitals and clinics, energy management system replacements/upgrades, motor replacements, VFDs on fan and pump motors, install isolation dampers, replace steam traps and implement trap maintenance program, construct 1000-ton chiller plant, enable economizers, perform air balancing, install air curtain at loading dock, install solar screens on skylights, reset deck temperatures, equipment scheduling, replace large rooftop AHUs, replace patient room fan coil units and convert to 4-pipe system	\$12.3 million	\$25.5 million (13.5 years)
Savannah River Site Aiken, SC David Wolfe Energy Manager 803-557-9911	Lighting, controls, tying buildings into central chilled water loop, air source heat pumps, replace coal-fired steam plant with a plant using a wood-fired boiler as the principal steam generating source with a fuel-oil fired boiler as back-up (3 separate task orders)	\$14.5 million	\$24.3 million (term varies)
GSA Federal Courthouse Gulfport, MS Laura Shadix Project Manager 404-331-7965	Installed central plant equipment including two 300-ton chillers with VFDs, two 3-MMBtu inclined tube hot water boilers, all ancillary plant equipment (cooling towers, pumps, etc.). Full O&M services for the plant and courthouse buildings.	\$1.9 million	\$8.6 million (17 years)