

Contract Details

Contract Types:

Design/Build; Energy Savings Performance Contract; Guaranteed Energy Savings; Power Purchase Agreement

Technology Types:

Energy Efficiency; Biomass; Photovoltaic System; Renewable Energy; Water Conservation

Featured Projects:

- ▶ City of Englewood, Colorado
- ▶ Colorado Division of Wildlife
- ▶ Colorado State University, Pueblo
- ▶ Larimer County, Colorado
- ▶ Las Animas County, Colorado
- ▶ National Renewable Energy Laboratory (NREL), Colorado
- ▶ Western State College of Colorado

Regional Qualifications

In the Rocky Mountain Region, Ameresco is pre-qualified as an Energy Service Company (ESCO) by the Colorado Governor's Energy Office (GEO), the Montana Department of Environmental Quality, and the Wyoming Energy Conservation Improvement Program (WYECIP).

Learn more at:

<http://colorado.ameresco.com>



The City of Englewood partnered with Ameresco for an ESPC and a PPA.

City of Englewood, Colorado

Ameresco was selected by the City of Englewood to implement a multi-million dollar, two-tier project for the City. The first tier includes a \$1.5 million Design-Build Own-Operate-Maintain Solar Photovoltaic (PV) Project under a 20-year Power Purchase Agreement (PPA). Ameresco will own and maintain the system for 20 years. During that time, the City will buy solar power from Ameresco, providing a stable and predictable energy cost for the City. The second tier is a \$1.5 million Energy Savings Performance Contract (ESPC) that is guaranteed to reduce utility costs by \$117,000 annually. The ESPC and Solar PPA enable the City to leverage utility savings to fund necessary energy and water conservation upgrades. These improvements will not only save wasted energy and enhance the City's facilities, they will also greatly improve the aging infrastructure of these buildings and enhance the comfort for the residents and City workers who use them.

Colorado Division of Wildlife

The Colorado Division of Wildlife selected Ameresco to provide a Technical Energy Audit under the State of Colorado's ESPC Program in June 2009. Six campus sites around the State were included in the evaluation including multiple structures in Denver, Bellvue, Colorado Springs, Fort Collins, Grand Junction, and Watson Lake. Proposed energy and water improvements included upgraded lighting, replacement of single pane windows, programmable thermostats, attic insulation, insulated overhead doors, new heat pumps, a PV system, water conserving landscaping, sub-metering irrigation water, new energy management systems, plumbing fixture upgrades, and new



weather-stripping. Implementation of the project is awaiting State budget approval.

Colorado State University, Pueblo

In July 2004, Colorado State University, Pueblo, signed a \$6 million ESPC with Ameresco. The project included 20 buildings at 915,382 square feet with expected project savings of \$457,931 annually. Ameresco provided design, construction, project financing, training, and measurement and verification services. The implemented measures included boiler plant decentralization, three new chillers, four new cooling towers, lighting upgrades and controls, laboratory fume hood exhaust controls, aspirated solar heater, pool cover, vending machine controllers, water conservation, cooling tower ionization, and gas sub-metering.



At Colorado State University, Pueblo, Ameresco's services spanned 20 buildings in a comprehensive \$6 million ESPC.

Larimer County, Colorado

Larimer County owns over 40 buildings within 2,640 square miles including courthouse offices, a justice center, an events center, correctional facilities, sheriff offices, road and bridge department facilities, forestry offices, and fleet service buildings. Utilizing the GEO's Secondary Selection Process, Ameresco was selected from a robust field of competitors as the County's ESCO. In partnership with the County, Ameresco evaluated all energy and water consuming systems to determine the most cost-effective conservation measures to employ. The nearly \$3 million ESPC contract scope of work is based on Ameresco's Technical Energy Audit and the resulting long-term energy and water savings that can be utilized to finance the capital costs of improvements.



About Ameresco

Ameresco, Inc. (NYSE:AMRC) is one of the leading energy efficiency and renewable energy services providers. Our energy experts deliver long-term customer value, environmental stewardship, and sustainability through energy efficiency services, alternative energy, supply management, and innovative facility renewal all with practical financial solutions. Ameresco and its predecessors have constructed billions in projects throughout North America.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please visit <http://www.ameresco.com> and <http://colorado.ameresco.com>.



Ameresco and Las Animas County agreed to move forward with the implementation of energy and water conservation measures. The Pery Stokes Airport (above) was included among the 14 buildings.

Las Animas County, Colorado

Ameresco completed a Technical Energy Audit for Las Animas County in April 2011. Fourteen county facilities were evaluated, including the justice center, county courthouse, health department building, fairgrounds grandstand, airport, and two road and bridge shops. Energy and water conserving measures consist of energy efficient lighting and motion sensors, upgraded toilet fixtures with infrared sensors and modified flush valves, re-commissioning existing HVAC systems, new high efficiency split system HVAC units, high efficiency laundry systems, new weather-stripping and door sweeps, new control valves on steam radiators, additional perimeter insulation, and new high efficiency boilers. Based on the guaranteed installation cost and savings, Ameresco assisted the County's solicitation of bids from banks to finance the renovations over a 10-year term. Ameresco anticipates construction completion in the Summer 2012.



At NREL, Ameresco was responsible for constructing a biomass facility under a Super ESPC signed with the Department of Energy.

National Renewable Energy Laboratory (NREL)

Ameresco was selected by NREL under the Department of Energy's Biomass and Alternate Methane Fuel Technology-Specific Super ESPC to evaluate, engineer, and construct a Renewable Fuel Heating Facility (RFHF). The RFHF uses wood biomass obtained from waste wood and wood slash harvested from the U.S. Forest Service's hazardous fuels removal program to heat hot water in place of natural gas for the NREL Campus. The new facility generates up to 10 MBtu/hr, or approximately 600 gallons of hot water per minute. The project included the construction of a facility, installation of new equipment, and the necessary piping to connect the RFHF to both the Solar Energy Research Facility and the Field Test Laboratory Building boiler plants.



With work at Western State College of Colorado nearing completion, Ameresco estimates the annual operational savings will be over \$100,000.

Western State College of Colorado

In 2009, Ameresco was awarded an energy project with Western State College of Colorado in Gunnison. Construction began on the \$1.5 million project in June 2010. Improvements include constant volume single zone to variable air volume, air handling unit replacement, energy management system upgrade/expansion, energy management system scheduling, retro-commissioning of buildings, carbon dioxide sensors for ventilation control, water conservation, variable frequency drives for exhaust fans, window replacement, lighting retrofits, lighting controls, and computer management software. Ameresco is projecting annual operational savings of \$163,364. Project completion was Summer 2011.