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Carlisle Barracks will begin an energy savings project in the next few weeks that aims to save the installation 13 percent in energy costs per year.

The installation has begun taking part in an Energy Savings Performance Contracting program through the Huntsville District of the Army Corps of Engineers. The program is designed to help installations meet the Army's 30 percent energy and 15 percent water reduction goals without upfront capital costs. Actual energy cost savings pay for the ESPC efforts on a yearly basis. The project will save \$300,000 per year at Carlisle Barracks.

The ESCO performs operations and maintenance on major systems, allowing limited Department of Public Works maintenance resources to be spent on other activities. Implementation and development costs are financed for up to 25 years. These third party financed agreements allow the facility to focus appropriated funds on mission critical requirements.

At Carlisle Barracks the project is two fold. A lighting improvement initiative at 12 key buildings on post will include the replacement of existing lighting with energy efficient fluorescent and LED bulbs and the replacement of lighting at five key street and parking lot areas with high intensity and LED lighting.

The second phase of the project will focus on the energy management control system, which will allow DPW to view energy usage details and issues in real-time at their headquarters. This phase also included upgrades to the existing systems at Upton Hall, Thorpe Hall Gym, Collins Hall and Ridgway Hall and the Visitors and Education Center.

The work will be done during the 19-month project, led by the Wormleysburg, Pa office of NORESKO, one of the largest energy services companies in the U.S. NORESKO will utilize local contractors to complete much of the work according to their project director.