



CPV Valley Energy Center Hosts West Point Engineering Cadets to Energize Next Generation of U.S. Military Engineering Professionals

- Initiative Part of Larger Company Mission to Engage with Communities and Educate the Public About Energy -

Competitive Power Ventures (“CPV”) hosted a tour of the CPV Valley Energy Center construction site for a group of civil engineering cadets and faculty from West Point on October 29, 2016. This site visit builds on a presentation CPV delivered to the Civil Engineering Club at West Point on September 21.

The CPV Valley Energy Center is a 650 MW (megawatt) natural gas powered, dry-cooled electric generating facility currently under construction in the town of Wawayanda in Orange County, New York. The project underwent a rigorous permitting review that took nearly eight years to obtain all of its local, state and federal permits. The project is currently about halfway through the 31-month construction process and is on target to commence commercial operation in January 2018.

The Department of Civil and Mechanical Engineering at the United States Military Academy, located nearby in Orange County, NY, contacted CPV over the summer about the presentation and tour for cadets studying engineering and the company was pleased to assist.

“We are delighted to be working with this group of future military leaders and to provide them with a first-hand experience that helps further their education about state-of-the-art electric power generation,” said Gary Lambert, CPV’s President and CEO. “This initiative underscores CPV’s larger mission to be a good corporate neighbor and increase educational opportunities and awareness about how we generate, distribute and use energy in this country.”

The September 21 presentation by CPV power industry professionals included information on all aspects of current power generation development including how a project site is selected, the intensive permitting process, technical design and specifications, and engineering and construction. The site visit allowed the cadets to see the theoretical come to life in the form of a cutting edge electric generation facility in the middle of its construction.

When completed, the CPV Valley Energy Center will be one of the cleanest conventional electric generating facilities in the nation. By utilizing natural gas in a highly-energy efficient two-on-one combined-cycle design, enables the project to

produce electricity with much less fuel and emissions than the older, legacy plants it will replace. By utilizing dry cooling technology and re-used grey water from the Middletown wastewater treatment facility, the project will use only a minute fraction of the water that other “wet cooled” plants use.

“We are very appreciative of CPV’s enthusiastic reply to our request and the excellent presentation and tour they graciously provided our cadets,” said Rahul Verma, P.E. (Instructor, USMA). “Having a corporate neighbor who is so willing to create an academically enriching experience is a great supplement to our in-class instruction. With CPV’s continued involvement, we hope to continue this relationship into the future.”

In addition to the environmental attributes of the project, the \$900 million privately-funded CPV Valley Energy Center will also have a major positive impact on the regional economy. Already, the facility has hundreds of local union construction workers employed on site. At the peak of construction, this number is expected to top more than 600 workers. In addition, the project will contribute approximately \$53 million to local tax coffers and reduce annual electric ratepayer costs by approximately \$273 million while contributing \$190 million to the Orange County economy through the operation of the project.