

## FACT SHEET

# Tenaska Westmoreland County Generating Station

(Pennsylvania)



The 885 MW Tenaska Virginia Generating Station near Scottsville, Va., is a natural-gas fueled plant that produces electricity in an environmentally responsible manner.

**T**enaska, a respected energy developer, is evaluating a site in South Huntingdon Township, Pennsylvania, at which to construct and operate a state-of-the-art electric generating facility. Fueled by clean-burning natural gas, the plant would bring hundreds of construction jobs, permanent well-paying jobs, and power to meet the growing demand for electricity in the region. The plant would be operated in an environmentally responsible manner. Three of Tenaska's plants have received "Project of the Year" honors from industry sources. In 2010 benchmarking studies, the Natural Resources Defense Council, a national environmental advocacy group, again ranked Tenaska as having among the best records in the industry for controlling emissions. Tenaska is working with Westmoreland County and South Huntingdon Township officials to provide as much information to local residents as it can during this early stage of development.

## Electricity Production

Tenaska has based its plan on a maximum 950-megawatt (MW) electric generating facility, although the plant could be smaller. At 950 MW, the plant would produce enough power to meet the energy needs of approximately 950,000 homes. The electricity would be sold into the PJM Interconnection regional transmission organization to meet growing regional energy needs. The PJM Interconnection assures the electric reliability of the largest centrally dispatched grid in North America, including the state of Pennsylvania.

## Facility Site

Tenaska has contracted with the Municipal Authority of Westmoreland County, Pennsylvania, to obtain water from the municipal water treatment plant. Tenaska understands the importance of water now and for future generations. The proposed plant will recycle water through the cooling process multiple times to maximize use of the water purchased.

## Economic Impact

If built in Westmoreland County, Pennsylvania, the facility would:

- Result in either more property tax revenue or significant in-lieu-of-taxes revenue to local units of government;
- Boost the local economy, with a total estimated construction cost of more than \$500 million; and
- Provide more than 300 jobs during construction and up to 30 permanent, well-paying jobs during operation.

## Environmental Effects

Natural gas is recognized as today's cleanest commercial fossil fuel for power generation. The plant would utilize the latest emission control technology to meet or exceed all local, state and federal environmental standards and permits. The plant would be fuel efficient. As this is a combined-cycle facility, the heat and energy produced by combustion of natural gas drives turbine-generators to produce electricity. The exhaust heat from that process is used to produce steam which drives a steam turbine-generator to produce more electricity with less fuel.

## Key Facts

Tenaska is evaluating a site in Westmoreland County to build a clean-burning natural gas-fueled electric generating station with a stated capacity of no more than 950 MW of electricity.

### Location

The site selected for evaluation is located on more than 400 acres south of Interstate 70 between Exits 49 and 51 in South Huntingdon Township.

### Schedule

Project development began in 2009; Earliest construction start in 2012; Earliest commercial operation in 2014.

### Use of Water Resources

Tenaska is evaluating options for meeting the water needs of the Westmoreland County facility. The Municipal Authority of Westmoreland County, Pennsylvania, has authorized discussions toward an agreement for Tenaska to obtain water from the municipal water treatment plant. Typically, Tenaska facilities recycle water through the cooling process multiple times.

### Fuel Supply

Clean-burning natural gas will be obtained from existing natural gas pipelines.

### Customer

The facility would connect to the PJM Interconnection regional transmission organization, which coordinates movement of power in all or parts of 13 regional states and the District of Columbia, including Pennsylvania.

### Facility Ownership

A Tenaska affiliate would build, own and operate the plant.

### About Tenaska

Tenaska, Inc. is an energy company based in Omaha, Nebraska, with an international reputation for building high-quality, efficient and environmentally responsible energy projects. Tenaska develops, constructs, owns and operates non-utility electric generation and cogeneration plants. It currently owns and operates eight natural gas-fueled plants in six states, a total of 6,800 MW.

Additional information about Tenaska is available at [www.tenaska.com](http://www.tenaska.com).