

# COAL-TO-GAS CONVERSION

## ELECTRIC CONNECTIONS INSIDE THE OFFICE AND OUT

### CASE STUDY

#### COMPANIES

UGI Energy Services;  
Panda Hummel Station Power Plant

#### FACILITY TYPE

Natural gas-fuel power plant

#### IMPACT

\$3 billion in private investment

#### WHY PENNSYLVANIA

- Pre-existing infrastructure and proximity to utilities and distribution routes
- Major distribution hubs
- Key location within 500 miles of 60% of U.S. & Canadian populations

#### INCENTIVES

DCED designated the site as a Keystone Opportunity Enterprise Zone (KOEZ), which allows for 10 years of tax benefits to incentivize future development

### Powering the Susquehanna Valley Energy Hub

A 35-mile natural gas pipeline constructed by UGI Energy Services is the catalyst for Panda Hummel Station, a natural gas-fueled power plant being constructed at the existing site of the former coal-fired Sunbury Generation LP facility near Shamokin Dam in Snyder County, PA.

The pipeline will provide natural gas to the 1,124-megawatt Panda Hummel Station Power Plant — one of the largest coal-to-natural gas power plant replacement projects in the United States.

The Susquehanna Valley will see close to \$2 billion in private investment associated with the installation of the pipeline and the construction of the plant.

Panda's plant will occupy 10% of the existing site, generate enough electricity to power one million homes, and release significantly fewer emissions than the prior plant.

### Incentives

DCED played a critical role in the development of this project by designating the site as a Keystone Opportunity Enterprise Zone (KOEZ) to enable site development at this 192-acre brownfield site. The KOEZ designation will allow for 10 years of tax benefits to incentivize additional economic development activities. The Panda Power Station will serve as a catalyst for future development at the site, including additional power generation, manufacturing, and industrial operations.