

Taylorville Energy Center — Facts

Taylorville Energy Center (TEC) will generate electricity using integrated gasification combined-cycle (IGCC) technology and will be among the most environmentally friendly coal-fueled facilities in the world.

IGCC technology will help the United States achieve energy independence by allowing production of electricity from Illinois' abundant coal reserves, while ensuring a clean environment.

Economic Impact

- TEC will use more than 1.5 million tons of coal annually from Illinois mines.
- Development will create an investment in the region's economy of \$1.1 billion during construction and generate more than \$356 million annually once the plant is in operation.
- Construction will create more than 1,500 jobs with hundreds of permanent coal mining and power plant jobs.
- Several hundred additional area jobs will be created in industries like manufacturing, healthcare, retail and professional services.

Environmental Effects

TEC will use state-of-the-art clean coal technologies to eliminate most nitrogen oxide, particulate matter and mercury emissions.

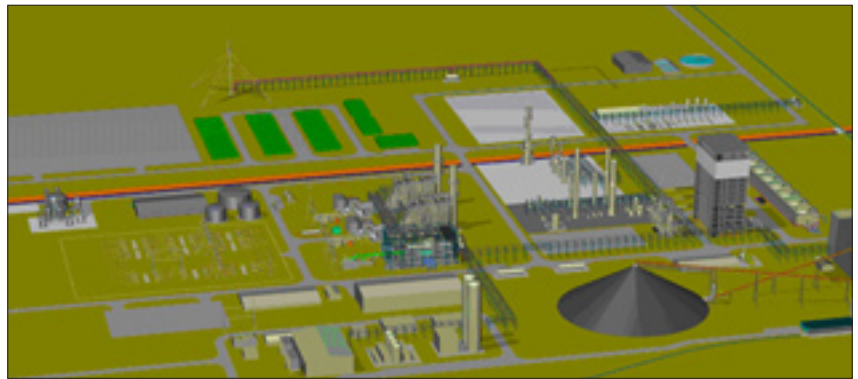
TEC is designed to accommodate future technologies to capture and store the greenhouse gas carbon dioxide, once that becomes economically viable, or once regulators require CO₂ emissions reductions.

Public Policy

TEC presents Illinois leaders with the opportunity to reinvigorate the state's coal industry while stimulating the economy of Central and Southern Illinois. Clean coal technologies also empower the state to become more self-sufficient and environmentally responsible in energy production.

The Illinois Department of Commerce and Economic Opportunity and the Illinois Clean Coal Review Board provided \$5 million to help finance front end engineering and design studies.

The Illinois Finance Authority has approved \$500 million in tax exempt bonds and moral obligation bonds to help finance the project.



The proposed Taylorville Energy Center (TEC) is owned by Christian County Generation LLC, which is jointly owned by affiliates of project developers Tenaska and MDL Holding Co., LLC.

Key Facts

The Taylorville Energy Center (TEC) is positioned to be among the first commercial IGCC plants built in the United States.

Location

Near Taylorville in Christian County, Illinois.

Air Permit

The Illinois EPA issued the TEC's final air permit in June of 2007. The Environmental Appeals Board dismissed the only petition for review in January of 2008.

Schedule

Work is planned to begin in late-2008, with commercial operation in 2013.

Engineering

General Electric: gasification technology and power generators.
Burns & McDonnell: design engineering.
Eastman Chemical: operations support services.

Electricity Production

770 megawatts (MW) gross, 630 MW net.

Fuel Supply

Bituminous coal is available from nearby suppliers in Christian County. Coal also can be delivered from many other potential suppliers in Illinois. The United States has a 300-year supply of coal, which is historically less expensive than natural gas and therefore produces more economical electric energy.

Water Supply

The Sanitation District of Decatur, Ill., will provide treated wastewater to be used as process water at the TEC.

Project Developers

Tenaska and MDL Holding Co., LLC (formerly The ERORA Group LLC). Tenaska is an energy company based in Omaha, Nebraska, that develops, constructs, owns and operates non-utility electric generation and co-generation plants. MDL Holding Co., LLC, is based in Louisville, Kentucky.

For more information, visit: www.cleancoalillinois.com