

pittsburgh

imagine what you can do here.®

ENERGY

Regional Strengths

- Ample natural resources and a 150-year history of energy innovation – from the first commercial oil well to the first nuclear power plant – form the basis of a thriving energy industry
- A diversified energy economy with strengths across seven strategic energy industries* including 750+ firms supporting directly and indirectly 150,000+ jobs, generating almost \$19 billion in economic activity (16% of the gross regional product)
- Abundance of coal and natural gas reserves: Pennsylvania is No. 4 in the nation in coal production; No. 2 for number of producing natural gas wells; the region also sits atop the Marcellus Shale, one of the world's largest unconventional natural gas reserves
- Vibrant, growing supply chains across the seven strategic energy industries
 - Global nuclear technology: home to Westinghouse Electric and Bechtel, the region is a nuclear hub with growth fueled by increasing worldwide demand
 - Historic manufacturing expertise benefits coal and natural gas supply chain while enhancing that of today's alternative energies (wind, solar)
 - Traditional and alternative energy applications supported by a number of electrical systems and components manufacturers

In Good Company

Energy companies already growing here include ...

- Alpha Natural Resources
- Atlas Energy Resources, LLC
- Bechtel Corporation
- BPL Global, Ltd.
- Bucyrus International, Inc.
- Centria Inc.
- CONSOL Energy, Inc.
- Converteam Inc.
- Curtiss–Wright Corporation
- Eaton Corporation
- EQT Corporation
- EverPower Wind Holdings, Inc.
- Flabeg Solar U.S. Corporation
- Holtec
- Joy Technologies Inc.
- Mitsubishi Electric Power Products, Inc.
- Plextronics Inc.
- PPG Industries Inc.
- Range Resources Inc.
- WESCO International Inc.
- Westinghouse Electric Company

* coal, natural gas, nuclear, solar, wind, transmission & distribution components, intelligent building technologies

“Our long tradition of operation and growth in the Pittsburgh region is based on our superior assets in high-quality Pittsburgh seam coal and our varied natural gas products, including the Marcellus Shale gas field. But what makes CONSOL Energy such a success is perhaps our greatest asset, a skilled and dedicated workforce that safely and productively provides our energy products. This unique portfolio contributes to Pittsburgh being acknowledged as a global leader in energy production and innovation.”

– J. Brett Harvey, Chairman & CEO, CONSOL Energy, Inc.

Innovation

- Nearly \$1 billion invested annually in energy-related R&D across government, universities and the private sector
- A center of new energy developments and home to cleaner coal research centers:
 - The National Energy Technology Laboratory (NETL)
 - CONSOL Energy's coal R&D facility, the only private facility of its kind in the nation
- Nearby universities such as Carnegie Mellon University, University of Pittsburgh, Penn State University and West Virginia University are all advancing research on energy generation, distribution, efficiency and environmental responsibility
- Commercial research in nuclear power at Westinghouse and naval propulsion at Bechtel reinforces the region as a nuclear R&D hub; region also boasts one of the highest concentrations of nuclear engineers and technicians

information provided by:

pittsburgh regional alliance

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+1.412.392.1000