

Schuylkill Energy Resources, Inc.



Schuylkill Energy Resources, Inc. (SER) owns and operates a 100-megawatt anthracite culm-fired cogeneration facility, serving the electrical needs of Schuylkill, Berks and surrounding counties. The facility is located in Mahanoy Township, Schuylkill County and has been in operation since 1989.

80 million watts of electrical generation produced by Schuylkill Energy Resources is sold to Pennsylvania Power & Light or direct to wholesale customers. SER also sells wholesale electricity to their retail arm, Anthracite Power & Light.

Cogeneration is a more efficient technology for generating electricity. Cogeneration harnesses steam and heat that would otherwise be discarded as waste from conventional power plants and redirects it into other energy-intensive processes like heating or cooling buildings. Conventional power plants are 30 to 50 percent energy efficient - meaning the rest of the heat is lost as waste. Cogeneration plants are 70 to 80 percent efficient.

SER serves as a reliable supply of electricity. It uses the culm banks in the area for the production of electricity. These culm banks are reserves that allow SER to back up the promise of stability in pricing.

By using these culm banks, SER helps to tell the entire reclamation story of the area.

- Culm banks are used for the production of electricity
- Mined pits are filled with ash
- Limestone is added to the acidic culm to make alkaline ash
- This reclamation restores the water table

————— **A RICH FAMILY COMPANY** —————