

Eddystone Generating Station



Plant Statistics

Location:

Eddystone, Pennsylvania

Capacity:

1,359 MW

Configuration:

4 units; 2 coal, 2 natural gas or oil

Milestone

In 1961, Eddystone Unit 1 topped the Federal Power Commission's list of generating units with the best heat rates, and in 1962, with a heat rate of 8,534 Btu per net kWhr, it set a world record. On July 19, 1962, Eddystone Unit 2 set a continuous operating record of 263 days at an average gross output of 343 MW.

History

One of the first super-high-pressure (5,000 lb/sq.in.) and temperature (1,200°F) plants, Eddystone was the world's most efficient generating station. It also was a pioneer with "scrubbing" emission control technology. Unit 1 was the first commercial system to use magnesium oxide, achieving 99 percent efficiency.