

Eastlake Plant



The 92-acre site is located on the shores of Lake Erie in Eastlake, Ohio, east of Cleveland.

Facts At A Glance

- Five coal-fired units generate 1,233 megawatts (MW) of electricity and one oil-fired unit generates 29 MW of electricity.
- The plant has been in continuous operation since 1953.
- Eastlake uses 4 million tons of coal annually.
- The plant employs 307 people.
- The plant pays more than \$6.3 million annually in property taxes.

ENVIRONMENTAL MEASURES

- The plant burns very low-sulfur western and medium sulfur eastern coals.
- Generating units use electrostatic precipitators, which remove more than 99% of particulates from flue gas. The gases pass between fields of electrically grounded plates to which the electrically charged dust is attracted.
- Coal ash captured by precipitators is either sold for a variety of uses including the manufacture of concrete, structural fill, roofing shingles and ice-control material, or is placed in specially designed landfills.
- Five units are equipped with low nitrogen-oxide (NO_x) burners which reduce NO_x emissions by 30-40%. Two units use Selective Non-Catalytic Reduction (SNCR) technology to reduce NO_x by an additional 25%.

