

MON VALLEY WORKS \$1+ BILLION INVESTMENT

Fast Facts



United States Steel
Mon Valley Works

- An investment of more than \$1 billion to construct a new endless casting and rolling facility at Edgar Thomson Plant and a cogeneration facility at Clairton Plant
- The investment will enable us to make a broader range of sustainable steel products in an innovative, environmentally friendly and energy-efficient process

United States Steel Corporation is North America's largest integrated steel producer headquartered in the United States. The company's Pittsburgh-area Mon Valley Works facilities are comprised of Edgar Thomson Plant in Braddock, Pa., Clairton Plant in Clairton, Pa., and Irvin Plant in West Mifflin, Pa.

The basic steelmaking process begins at Edgar Thomson, where iron ore from Minnesota, coke from the Clairton Plant and other raw materials are combined in blast furnaces to produce liquid iron, which is then refined to create steel. The steel is then sent by rail to the nearby Irvin Plant, where it is finished into sheet products that serve customers in the appliance, automotive, metal building and home construction industries.

Mon Valley Works has an annual raw steel production capability of 2.9 million net tons.

NEW ENDLESS CASTING AND ROLLING FACILITY AT EDGAR THOMSON PLANT

\$900+ MILLION

investment in advanced technology will combine with current integrated steelmaking process to significantly improve efficiency without increasing annual production

FIRST facility of this type in the United States, and one of only a handful in the world

EMPLOYEES—both current and future—will have the opportunity to learn advanced manufacturing skills

MON VALLEY WORKS will become U. S. Steel's principal source of substrate for lighter, safer, advanced high-strength steels, including industry-leading XG3™ steel that assists automotive customers in meeting fuel efficiency standards

NEW STATE-OF-THE-ART COGENERATION FACILITY AT CLAIRTON PLANT

\$150+ MILLION

investment in converting a portion of the plant's coke oven gas into electricity

THIS ELECTRICITY will help power Mon Valley Works, including the new endless casting and rolling facility at Edgar Thomson Plant, allowing facilities to be more self-sustaining

OUR CARBON FOOTPRINT will be reduced and regional air quality will improve through significant reductions in particulate matter (PM), including PM10 and PM2.5, sulfur dioxide and nitrogen oxides at our Mon Valley facilities

CUTTING-EDGE water treatment technology to improve water quality

ENVIRONMENTAL IMPROVEMENT ACROSS THE MON VALLEY WORKS

BOTH PROJECTS improve environmental performance and energy conservation throughout the Mon Valley Works. The new advanced steelmaking technology and state-of-the-art cogeneration facility will reduce emissions in comparison to the existing Caster, Hot Strip Mill and Clairton Boilers.

EMISSION REDUCTIONS BASED ON CURRENT DESIGN AND ENGINEERING DATA:

60%

Approximate decrease in Particulate Matter (PM)

35%

Approximate decrease in PM10 and PM2.5

50%

Approximate decrease of sulfur dioxide

80%

Approximate decrease of nitrogen oxides