

MON VALLEY WORKS—CLAIRTON PLANT NEW COGENERATION FACILITY

Facility Rendering and Fact Sheet



United States Steel
Mon Valley Works

BAGHOUSES

Cleans emissions generated by the cogeneration facility

HEAT RECOVERY STEAM GENERATORS

Takes the hot exhaust produced by the gas turbines and generates steam, which is recycled back into the plant for additional power generation and other uses

WATER TREATMENT PLANT

Filters and cleans incoming water used by the cogeneration facility

GAS TURBINES

Uses coke oven gas to produce electricity for use at Mon Valley Works facilities, as well as hot exhaust, which is further processed by the heat recovery steam generators

GAS COMPRESSORS

Compresses coke oven gas from Clairton Plant for use in the gas turbines