



**PROJECT HIGHLIGHTS**

**UNITED STATES STEEL COGEN PROJECT:**

US Steel is utilizing the waste steam supplied by Suncoke on the adjacent property. Suncoke supplies steam and Coke to US Steel. US Steel supplies boiler feed water. In addition, the system is designed to utilize waste blast furnace gas to create its own steam.

This unit is expected to replace 10 of the existing boilers that have been in operation since the plant was originally built.

The unit will be capable of producing 78.5 MW with a Mitsubishi turbine and a B&W boiler.

The facility will also produce its own demineralized water via a GE water facility that was also installed on this site.

**CLIENT**

MC Industrial

**BUILDING TYPE**

Power

**PROJECT SIZE**

Total Project \$150 million  
Murphy Component \$ 32 million

**CONTRACT TYPE**

Cost Plus Fixed Fee

**PROJECT DURATION**

1.5 years

**MURPHY TEAM**

Project Manager	Joe Skiljan
Lead Engineer	Lloyd Jarden
Piping Foreman	Mark Thomas

**DETAILS**

- 78.5 MW CoGen Facility
- Powered by NG and Blast Furnace Gas
- Supplies Boiler Feedwater to Suncoke
- Suncoke supplies coke and steam to US Steel