

St. Mary's Falls
St. Mary's River, Chippewa Co, Michigan
Great Lakes and Ohio River Division (CELRD)
Detroit District

Units 1 - 3

Turbine Type: Fixed Blade Prop.
Turbine Manufacturer: Allis-Chalmers
Horsepower: 6,975
RPM: 80
Rated Head: 21 feet
Generator Manufacturer: General Electric (Rewound by General Electric circa 1996)
Generator Rated KVA: 6870
Generator Rated PF: 90%
Generator Rated KW: 6,183 (turbine limited)
Generator Max. KW: 6,183 (turbine limited)
Generator Rated KV: 13.8

Unit 3a

Turbine Type: Kaplan
Turbine Manufacturer: American Hydro Turbine (Installed circa 1996)
Horsepower: 3,500
RPM: 128.6
Rated Head: 18.3 feet
Generator Manufacturer: General Electric (Rewound by L&S Electric circa 1996)
Generator Rated KVA: 2,747
Generator Rated PF: 91%
Generator Rated KW: 2,500
Generator Max. KW: 2,500
Generator Rated KV: 4.2

Unit 10

Turbine Type: Fixed Blade Prop.
Turbine Manufacturer: Allis-Chalmers
Horsepower: 3,000
RPM: 128.6
Rated Head: 20 feet
Generator Manufacturer: General Electric (Rewound by National Electric Coil circa 1988)
Generator Rated KVA: 3,200
Generator Rated PF: 80%
Generator Rated KW: 2,560
Generator Max. KW: 2,560
Generator Rated KV: 4