

Foote Dam





Foote Dam

River Hydro Asset Key Terms

Definitions/purpose of the major components and aspects critical of safe, compliant, and reliable operations:

- **Dam:** The entire barrier to hold back the water (reservoir) typically consists of embankments, spillways, and powerhouse
- **Spillway:** Primary location for water flow when not used for generation
- **Powerhouse:** Location of generation units
- **Embankment:** Earthen barrier to hold back the reservoir, which contains a hydraulic barrier (core wall)



Foote Dam Structures



Foote Hydro



- With a capacity of 9,000 kilowatts, the hydro was completed in 1918.
- The AuSable River Queen on the Foote Hydro pond offers a unique paddlewheel boat cruise that combines spectacular scenery.
- It is located nine miles upstream from Lake Huron.
- Old Orchard Park on the Foote Pond, operated by Oscoda Township, is a popular destination with 500 campsites.

General Information: Foote Dam

FERC License Expiration Date: June 30, 2034

Dam Height (ft.): 47

Length of Dam (ft.): 4,100

Drainage Area (sq. miles): 1,664

Impoundment Area (acres): 1,800

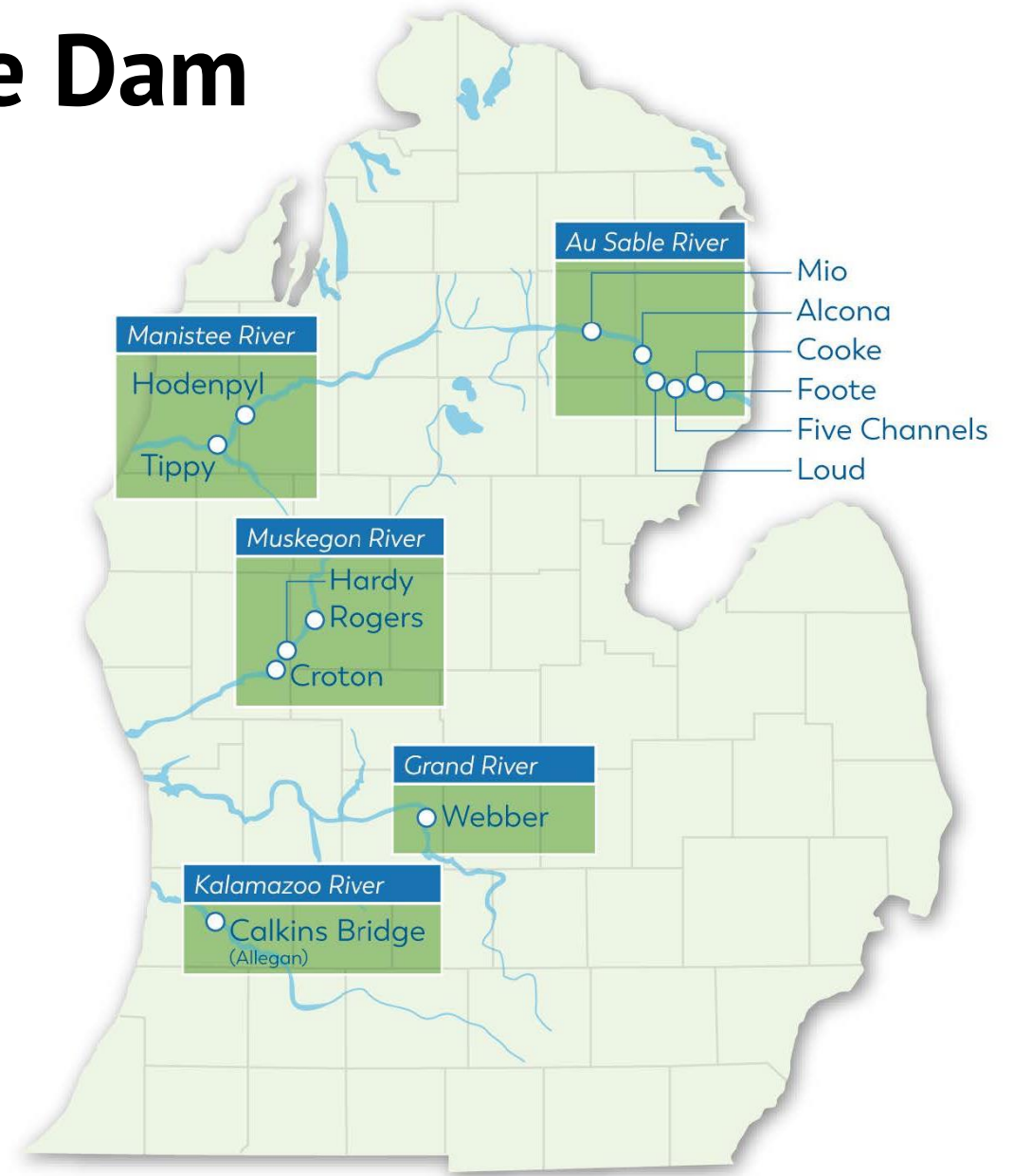
Age (years): 104

FERC Hazard Classification: High*

Approximate Population at Risk: 600

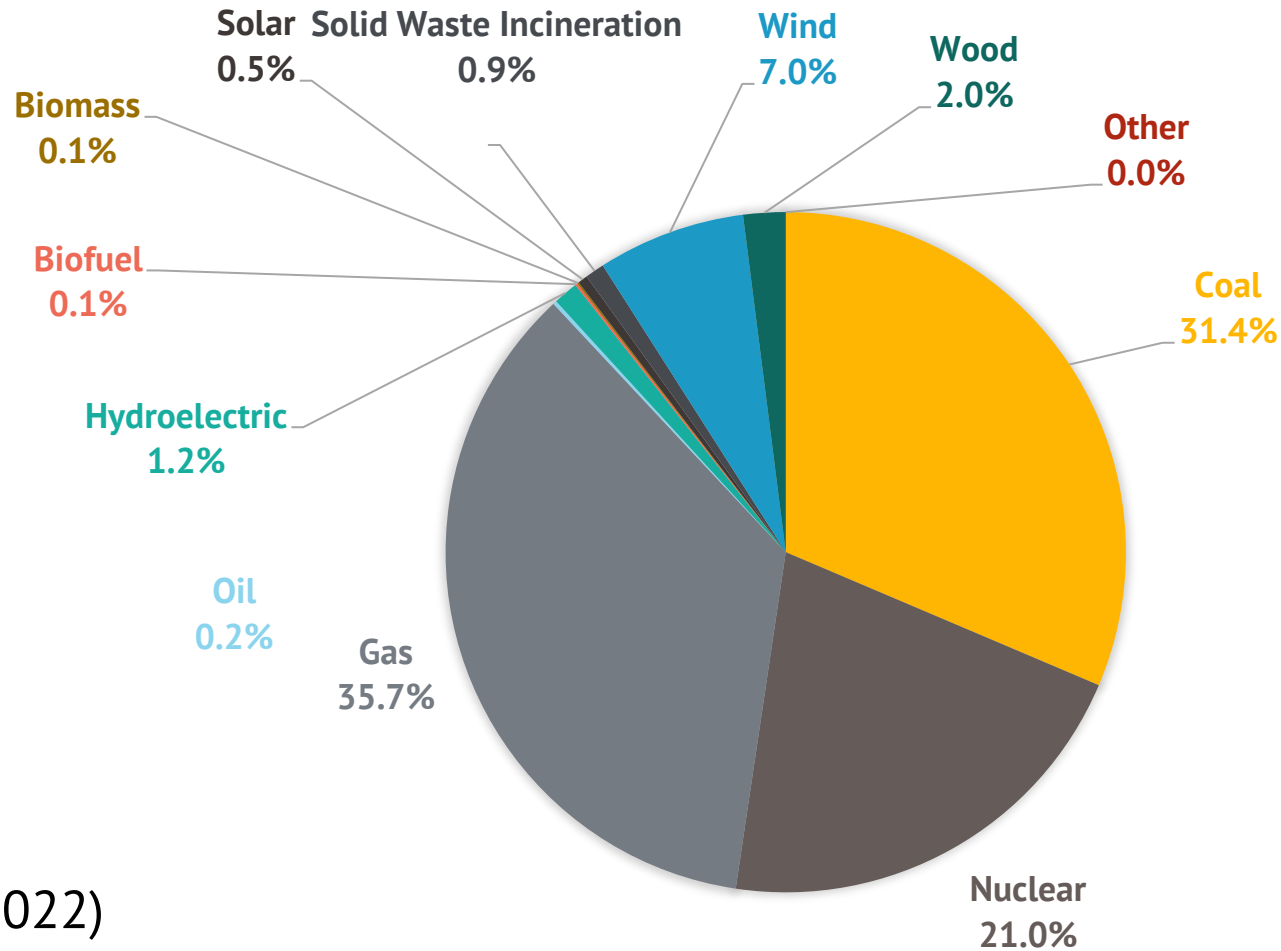
Approximate Recreation Use:

- 149,000 visitors annually
- 21 boat docks
- 549 campsites
- Popular destination for fishing and recreational boating



**Failure or misoperation will probably result in loss of human life.*

Percentage of Fuel Type Used to Produce Consumers Energy's Total Electricity



(Apr 2021-Mar 2022)