

BLUE WATER

Energy Center



DTE



CONSTRUCTION

broke ground
SPRING 2019

OPERATIONS

to begin
SPRING 2022

500+

Michigan skilled-labor
construction jobs

35+

permanent jobs

30 acres

finished plant
footprint

- The advanced combined-cycle power plant will produce 1,150 MW
- Total generating capacity will be enough to power 850,000 homes, or 15 percent of households in our service territory
- Ramps up at a rate of 100 MW/minute, nearly 50 times faster than a coal-fired plant
- 40 percent more efficient than a coal-fired plant
- Provides reliable, 24/7, “always available” in-state power generation

Significantly reduced emissions compared to a coal-fired plant:

- 70 percent less carbon emissions
- > 90 percent less nitrous oxide and sulfur emissions
- 99 percent less water usage

1 Megawatt can power roughly:

- 700 hair dryers
- 4000 computers
- 300 central air conditioning units