

Power Plant

Wolverine Power Cooperative plans to build a base load power plant near Rogers City, Michigan.

A base load plant operates continuously and with great efficiency. Wolverine currently owns a minimal amount of base load generation and will rely on the proposed power plant to meet our members' year-round energy needs for the foreseeable future.

We have selected circulating fluidized bed (CFB) technology for the plant. CFB technology is defined as a clean coal technology by the U.S. Department of Energy and meets federal and state environmental requirements. It's a good fit for us and the Rogers City site for a number of reasons:



- CFB plants typically consist of smaller generating units when compared to other technologies, and smaller units are a better fit for a utility of our size. We are developing two units at 300 megawatts each.
- A CFB plant uses considerable amounts of limestone to operate more cleanly. Our plant will be located within a limestone quarry owned and mined by Carmeuse Group. Limestone supply on site is a tremendous benefit.
- CFB plants generate electricity with a variety of fuels, including coal and renewable biomass (such as wood and switchgrass). Fuel flexibility will allow us to keep fuel prices down and blend fuels for optimum operating efficiency.

The Wolverine staff and project development team members are presently working on detailed power plant design.