

## Fermi3CEM Resource

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**From:** Kent Newman [kentnew1@earthlink.net]  
**Sent:** Friday, January 09, 2009 6:55 PM  
**To:** Fermi3COLEIS Resource  
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Monroe county's three power plants, two coal burning plants, and the nuclear plant Fermi.2, together account for 25% of water withdrawals from the great lakes. Fermi.3 would add to these withdrawals, all from Lake Erie.

It is anticipated that over the next 60 to 70 years global warming will lower the level of Lake Erie from three to six feet. This change must be taken into account, as the period of change overlaps, the working lifetime of the Fermi.3 plant. In addition, thermal pollution from the two coal plants, in Monroe county, Fermi.2 and Fermi.3, added to higher average water temperatures for Western Lake Erie, together, could harm plants, and animals living in the water.

The output of Fermi.3 has been compared against, all solar power, or all wind power, or all geothermal power. Each of these renewable options, failed to perform as well as Fermi.3. A combination of some solar, some wind, and some geothermal power, should compare better with Fermi.3, than each renewable source alone. Conservation of electricity, was not considered. A significant conservation effort, would make it much more likely, a mixed system of renewable sources, could take the place of Fermi.3, make Fermi.3 unnecessary.

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