

To solve this reliability problem, the MBLP has developed the following plan that is both environmentally and economically responsible.

The MBLP, at its Wright Street Complex, will build a new “Marquette Energy Center”.



The new Marquette Energy Center will consist of three 17 megawatt Wartsila reciprocating internal combustion engines.

- These environmentally clean Wartsila engines will burn natural gas as their primary fuel and will switch over to fuel oil when necessary.

- These engines are extremely energy efficient and can achieve full load capacity in five minutes.
- They are *Black Start* capable which will aid in ensuring Marquette has reliable power.
- Each engine uses only one gallon of water per week and meets or exceeds all environmental regulations.
- The engines will provide a segway for future renewable energy projects.



- By using natural gas fired units, the MBLP will reduce our dependence on coal and support compliance with upcoming CO₂ regulations.

The new Marquette Energy Center will support the Michigan Smart Zone in their effort to attract new business, tourism and residents to the area.



In keeping with the 125 year tradition of the MBLP, the Marquette Energy Center project will retain jobs, dollars and tax base locally while providing the city and townships with reliable, clean, safe, and affordable energy service for decades.

This \$65 million project will require the MBLP to secure bonding, and while the rates have not been fully identified, the MBLP will be required to increase its rates.

The MBLP Board and staff respectfully request your support in the commissioning of the new Marquette Energy Center.

The MBLP will be hosting **Informational Open House Gatherings** to be held on the following dates at 2200 Wright Street:

Thursday, October 1
12:00 noon to 4:00 p.m.

Friday, October 2
12:00 noon to 4:00 p.m.

Tuesday, October 6
3:00 p.m. to 6:00 p.m.

Sargent and Lundy LLC, the MBLP's engineering consultant for this project, stated the following in their final report to the MBLP:

“Relying on positive outcomes to uncertain factors beyond MBLP’s control is not a recommended approach to ensure power supply commitments are met, particularly given the relative isolation of power supplies in the region. The legal obligation to provide reliable power to customers should not depend on unknown external factors.”

The projected in-service date for the 50 MW Marquette Energy Center is March, 2017.

Please visit the MBLP website: www.mblp.org for the Marquette Energy Center video and additional information.

MBLP Board of Directors



*(Seated L-R)
John Prince, Chairperson
Tom Tourville
(Standing L-R)
David Carlson
Karen Kimar Johnson, Vice Chair-Secretary
Jerry Garceau*



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Marquette Board of Light & Power “Update”



The MBLP has been providing reliable, safe and affordable power for over 125 years. As you are already aware, our region has significant power limitations. The MBLP has been monitoring this situation for a number of years and has developed an energy reliability solution for its customers for now and into the future. Our reliability problem consists of the following:

- The transmission system is unable to provide firm electrical power for the MBLP.
- The Presque Isle Power Plant is scheduled to close in 2020.
- The MBLP has aging generation units, with an average age of 38 years.