



Energy Incentives from We Energies



S U C C E S S S T O R Y

Customer: Milwaukee County War Memorial

Project: Replaced two electrical centrifugal chillers totaling 502 tons of cooling capacity with two new energy-efficient centrifugal chillers totaling 400 tons of cooling capacity and utilizing Lake Michigan water as the cooling medium.

Total Project Cost: \$1,816,800

Incentive: \$86,280

Savings Achieved:	Demand:	259 kW
	Energy:	431,000 kWh/year
	Costs:	\$27,230/year
	Maintenance costs:	\$32,000/year

Source of Lead: IBC Engineering Services

Date Complete: April 28, 2006

Why is this a success story?

Taking advantage of the Energy Incentives from We Energies program was key for the Milwaukee County War Memorial in following its operating cost strategy and meeting its budget goals. As a county-owned and operated facility, it was vital to minimize both project and operating costs. The incentive program assisted in achieving both. Without the incentive, Milwaukee County would never have been able to afford to undertake the project.

Specifically, the Custom Program incentive allowed Milwaukee County to:

- Reduce energy costs.
- Reduce chiller and HVAC maintenance costs.
- Increase chiller and HVAC reliability.
- Lengthen routine chiller maintenance service intervals.
- Wisely utilize, without harming, a readily available and valuable natural resource: Lake Michigan.

Because of the positive experience Milwaukee County had with this project, they have applied for another incentive to use Lake Michigan water to pre-cool the building supply air in the summer months and pre-heat it in the winter months. This conversion should yield savings of approximately 120 kW, 300,000 kWh/year, and \$140,000.

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“Without the financial incentive from We Energies, our budget wouldn’t have been able to include the new chiller and accessories to upgrade our HVAC system. The Energy Incentives from We Energies program made the difference. This program is great!” said Tom Voigt, Managing Mechanical Engineer with the War Memorial.

For More Information:

888-603-5519

www.we-energies.com/EE