



Consumers Energy Load Forecasting

Michigan Planning Consortium
Information Sharing Workgroup
November 18, 2008

Energy Optimization in Load Forecasting

- Load Forecast Reviews
 - March 2008 [Summer Capacity]
 - Included Preliminary Energy Optimization Forecast
 - Submitted to MISO for Module E
 - Submitted to MPSC in Summer Capacity Plan
 - June 2008 [PSCR Plan]
 - Included Preliminary Energy Optimization Forecast
 - Submitted to MISO for Model on Demand
 - Submitted to MISO for Module E
 - Submitted to MPSC in PSCR Plan Case
 - October 2008 [Budget]
 - Included Updated Energy Optimization & Economic Forecasts
 - Submitted to MPSC in 2009 General Rate Case (11/14/08)
 - Submitted to MISO for Module E (10/17/08)
 - Updating Submission to MISO for Model On Demand

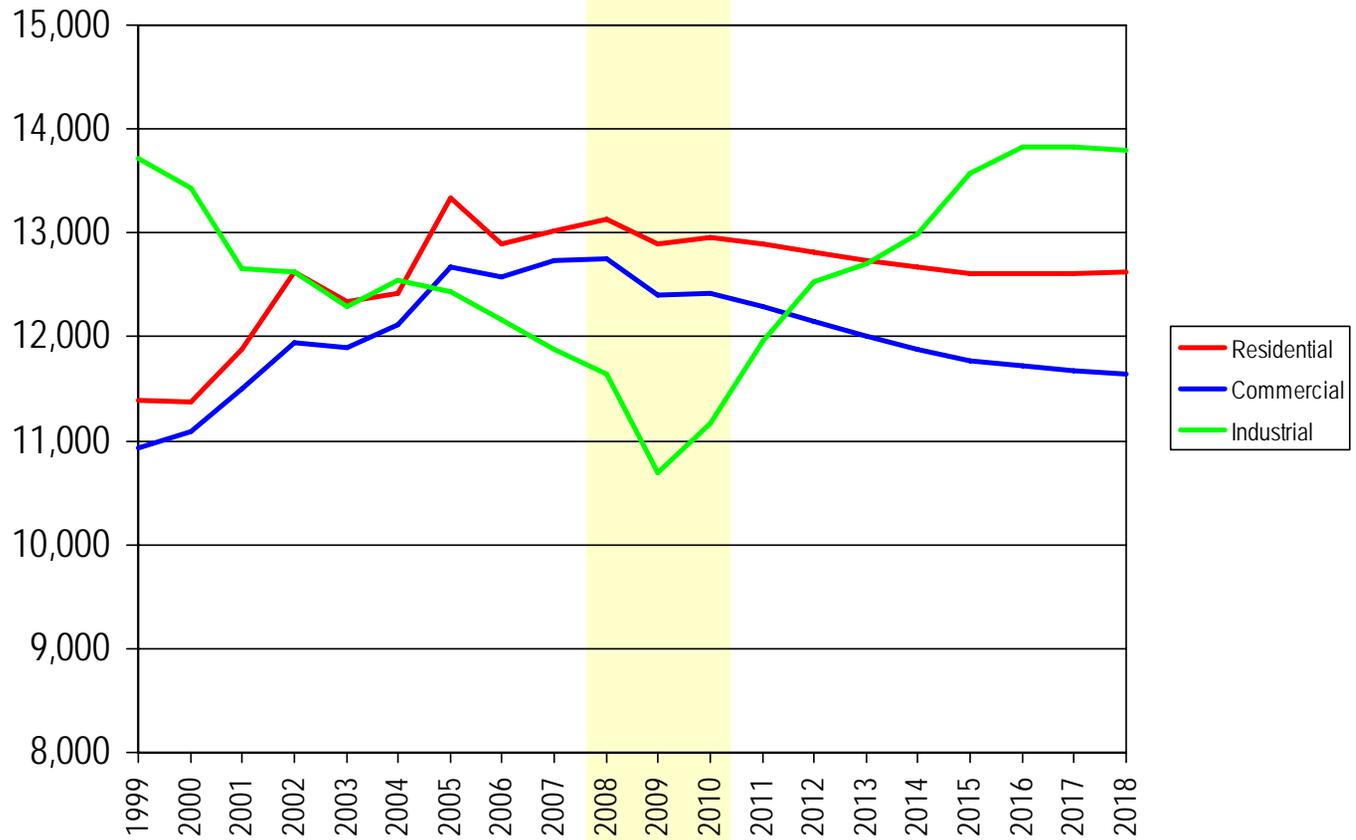
Load Forecast Submissions

	Module E	Model on Demand	Summer Capacity	Power Supply Cost Recovery	General Rate Case
Peak Load (50/50)	Bundled	Bundled with ROA	Bundled and ROA	Bundled	Bundled and ROA
Trans Sys Losses	Included	Included	Included	Included	Included
Current Submittal	October 08 [11/17/08]	June 08	March 08	June 08	October 08 [11/14/08]
Update Timeframe	As Updated	As Updated	Annually	Annually	As Filed
Length of Forecast	10 Years	10 Years	1 Year	5 Years	10 Years
Notes		Updating to October 08			

Consumers Energy October Forecast - Overview

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- **Forecast of Total Electric Deliveries**
 - Includes ROA
 - **Filed in Electric Rate Case U-15645**
 - **Declining Michigan Manufacturing Employment through 2010**
 - **Declining Michigan Population through 2016**
 - **Growing Semiconductor and Solar Energy Components sector**
- **Central A/C saturation is maturing**
 - **New air conditioners are more efficient**
 - **Energy Efficiency**
 - **Load Control at Peak**
 - **Demand Response at Peak**

Consumers Energy October Forecast Annual Use by Class



Consumers Energy October Forecast Peak Demand

