



Michigan Planning Consortium Wolverine Load Forecasting

March 27, 2009

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- Wolverine Planning
 - Rick Kohler, Director of Planning
 - Long range planning
 - Financial forecasting
 - Long range load forecasting

Overview of Wolverine

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- G&T cooperative providing Wholesale electric power supply to six members

G = Generation

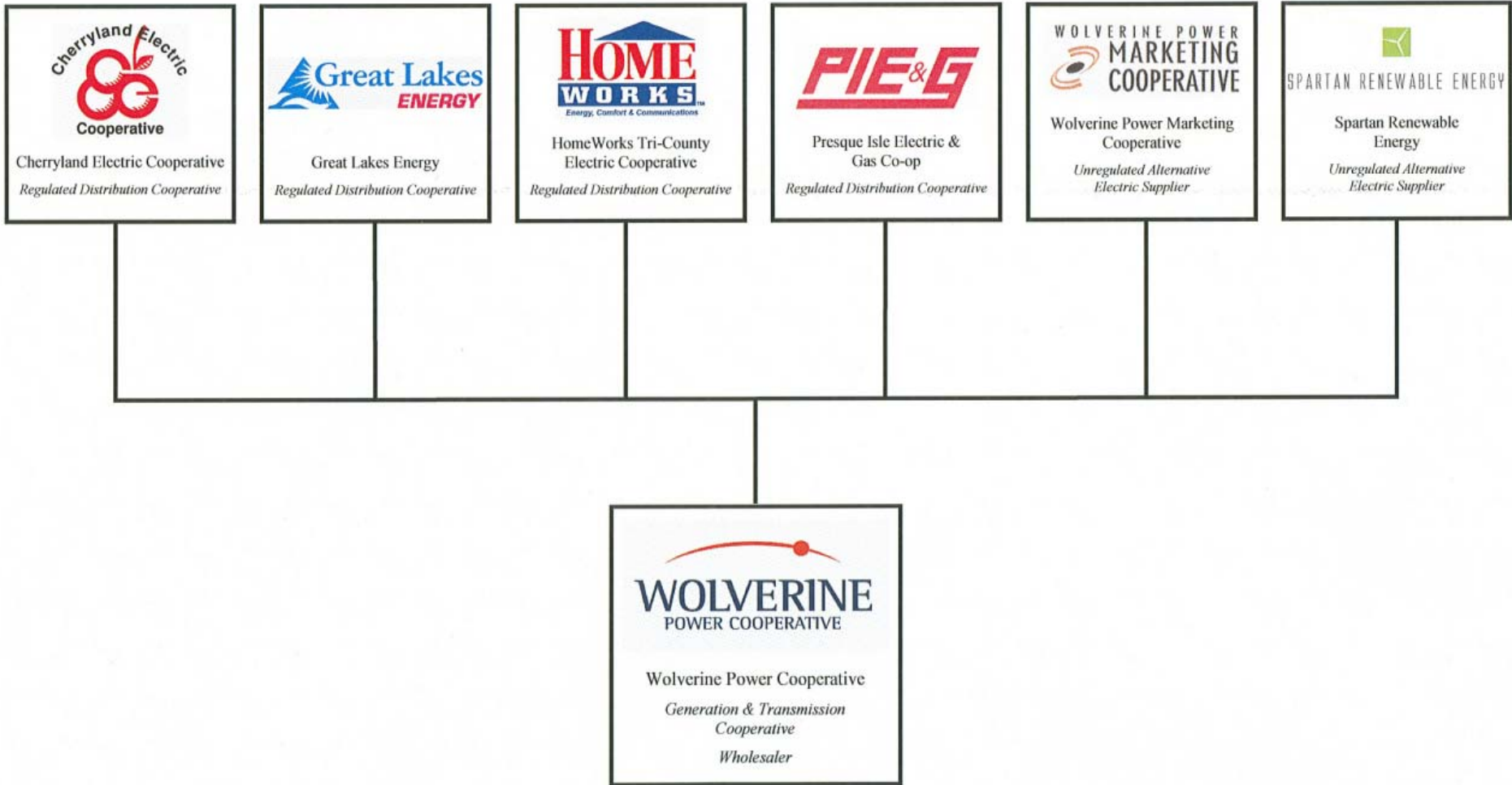
T = Transmission

D = Distribution

} **Service Provided
by Wolverine**

} **Service Provided by Distribution Cooperatives**

Corporate Structure

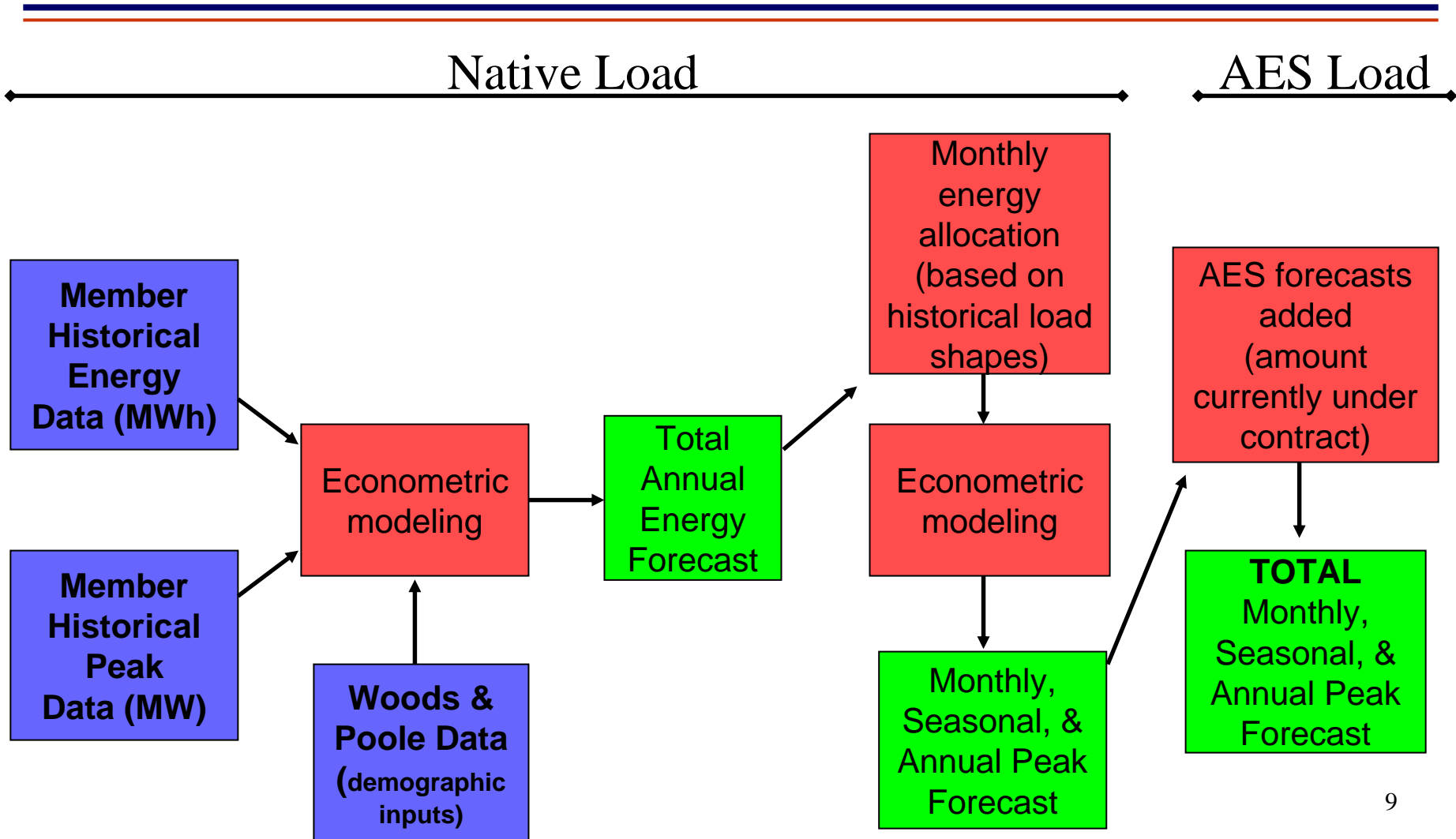


Wolverine's Forecast Process

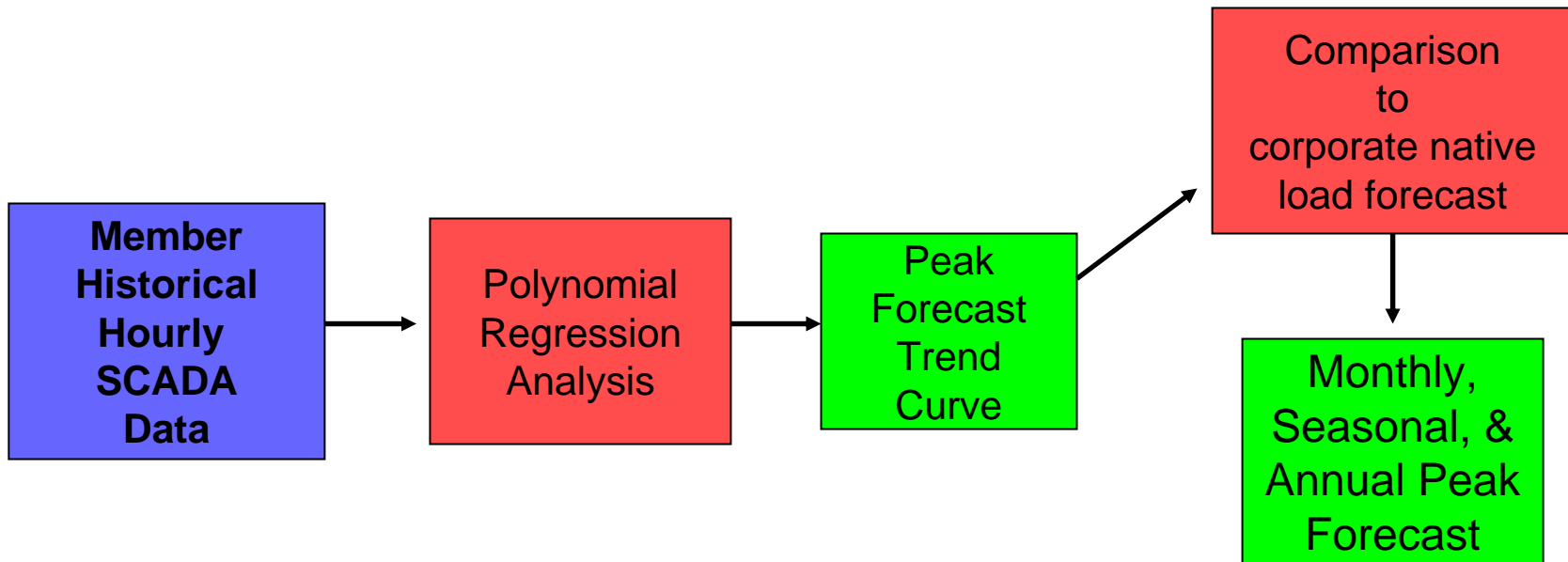
Three Primary Forecasts

1. Corporate Forecast (Long Range Load Forecast)
 - Feeds budget & power supply planning
2. Transmission Forecast
 - Feeds MTEP
3. Module E Forecast
 - Feeds resource adequacy forecast

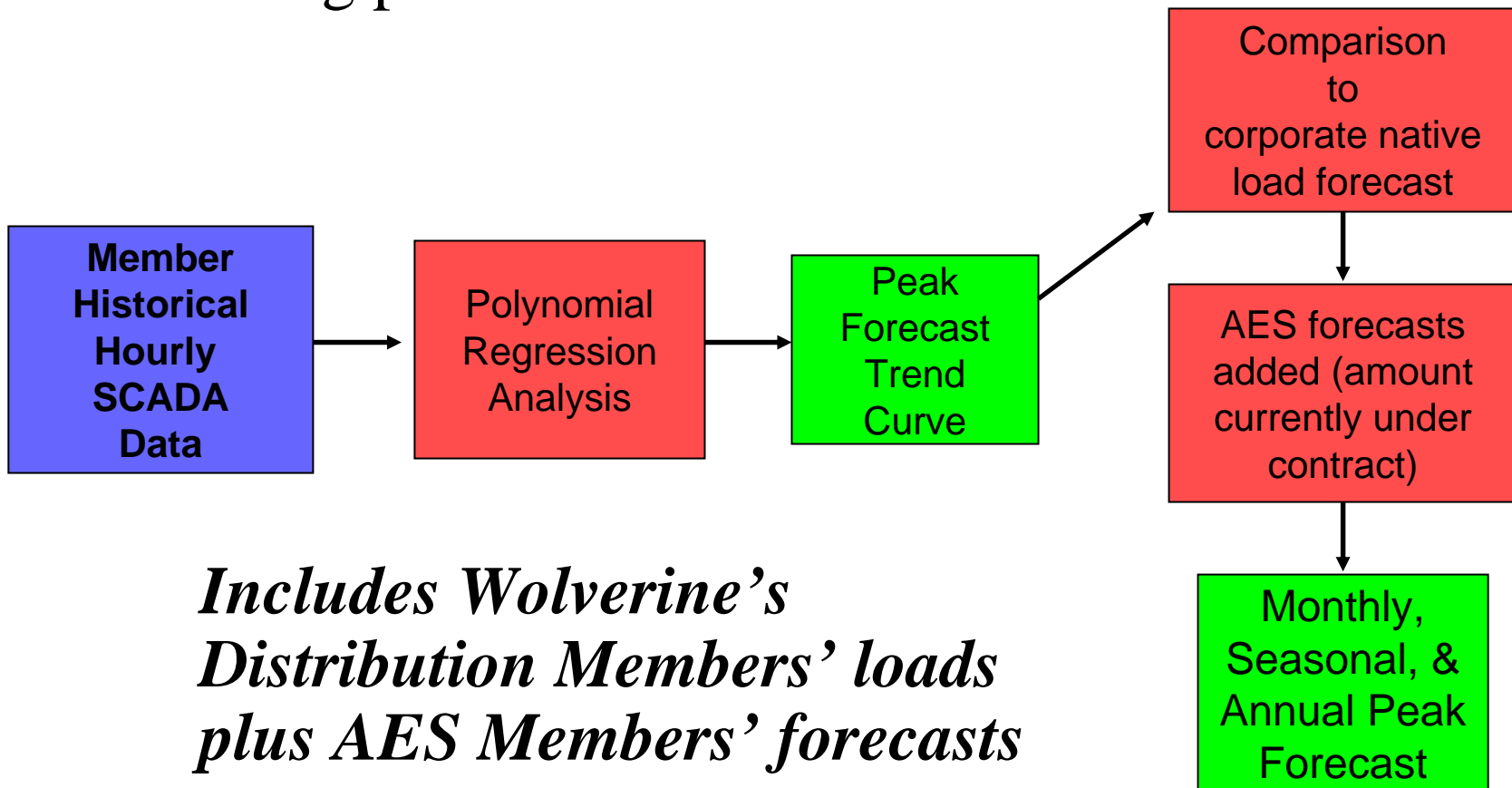
Corporate Forecasting Process (Long Range Load Forecast)



Forecasting process:



Forecasting process:





Wolverine's Load Forecast

Wolverine forecasts continued growth

- Weather-normalized sales increased in 2008
- Economic impacts on Wolverine have been small
 - High residential customer composition
 - General C&I customers are small (1 MW)
 - Diverse C&I sector
- Strong areas of growth potential
 - Air conditioning and electric heating
 - Gas Pumping and storage facilities
 - Carbon sequestration load potential

Questions