

## Summer 2009 Outlook



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- Demand Forecast
- Supply Resources
- Demand Side Management
- Contingencies
- Operational Performance
- Asset Management
- MISO
- Conclusion



## Summer Peak Load Demand Forecast



Note: 2008 Peak drop due to loss of Municipal load.



## Summer Peak Load Peak Forecast vs Actual Peak



Note: 2008 Peak temperature 6° below planning temperature.



## Vectren System Capacity Summer Supply Resources

- Coal Generation	1000 MW
- Combustion Turbine	295 MW
- OVEC (Ohio Valley Electric Corporation)	30 MW
-Purchased Peaking Capacity	100 MW
-Renewable Capacity (wind, landfill methane)	9 MW
Supply Side Resources	1434 MW
- Interruptible Customers	38 MW
- Direct Load Control, normal	<u>25 MW</u>
TOTAL	1497 MW



## Vectren System Capacity Meet Summer Projected Peak

- System Capability	1434 MW
- Interruptible	38 MW
- DLC (normal)	<u>25</u> MW
- Total Capability	1497 MW
2009 PROJECTED PEAK	1199 MW
-firm wholesale	<u> </u>
	1263 MW
Reserve Margin (18.5%)	234 MW
Capacity Margin (13.5%)	171 MW



## Demand Side Management Meet Summer Projected Peak

#### - Continuation of Direct Load Control Program

- 25-50 MW (based on cycling strategy)
- 39,200 Residential Switches (25% of customers)
- 2,500 Business Switches (4% of customers)
- Marketing Efforts
  - -Web Site (www.vectren.com)
  - -Future new DSM thru collaborative

#### - Net Metering Tariff Available

Note: Based on current approvals - case pending with Commission will impact future DSM.



30 MW

### Contingencies Meet Summer Projected Peak

- Follow MISO Direction
- MISO Automatic Reserve Sharing As Needed
- Contractual Capacity Reserves 25 150 MW
- Internal Use Reduction Plans 10 MW
- Conservation Request
- Emergency Load Reduction Plan Last Resort



#### Contingencies Meet Summer Projected Peak - Conservation

- News Release
- Media Spots
- Key Account Managers Request Major Customer Load Reduction
- Contact Center Request Usage Reduction



### **Operational Performance**

#### June through September Equivalent Availability





## Operational Performance

Summer Peak Hour Equivalent Availability





### Asset Management Generation

- Scheduled Outages
  - Scheduled outages to ensure the reliability of the generating fleet. Will be complete within 10 days.
- Capital Improvements
  - Continue to identify/evaluate asset risks for replacement or improvements.
- 2008 System Equivalent Availability 88.8%



### Asset Management Transmission & Distribution

- Capital Improvements
  - Continued implementation of needed system improvements and upgrading of existing facilities.
  - Continued transmission and distribution pole inspection/replacement program.
  - Development of 345kv transmission intertie.
- Enhance Reliability/Improve Transfer Capability
  - Multiple distribution substation upgrades.
  - Expanded Line Clearance Program.
  - Overhead Reliability Program



## MISO

- Transmission Reliability
  - Reliability Coordination
  - Regional Transmission System Planning
- Energy Market
  - Module E Support
  - Monthly Voluntary Capacity Auction
- Ancillary Services Market Operational

#### FUTURE DEMAND Meet the Demand





## CONCLUSION

Based on normal equipment availability we are confident that the Vectren System, plus contractual sources in Indiana, and MISO coordinated resources will be able to meet the needs of Southwestern Indiana customers in the Summer of 2009.