

Xcel Energy

Southwest DSM Update

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Southwest DSM Initiatives

- Colorado DSM 2001-2005 (124MW)
- Colorado DSM 2006-2013 (320MW/800GWh)
- New Mexico DSM rulemaking

Colorado DSM 2001-2005

- In 2000, the Public Utilities Commission adopted a Stipulation and Settlement Agreement for the DSM portion of Xcel Energy's 1999 Integrated Resource Plan.
- Xcel Energy's goal was to obtain 124 MW of cost-effective DSM resources by the end of 2005.
- Xcel Energy was authorized to spend up to \$75 million to achieve the goal.
- DSM programs are designed to reduce Xcel Energy's summer peak demand.
 - Summer Peak is defined as Monday-Friday, 3-7pm, June-August.
 - Xcel Energy customers receive a financial incentive for installing measures that reduce summer peak demand.

Current Peak Demand Savings Estimates

Projected net coincident summer peak demand savings at the generator (kW)						
Program	2001	2002	2003	2004	2005	Total
Bid 2001	2,663	7,137	3,539	N/A	N/A	13,339
Custom Efficiency	0	536	4,300	7,565	7,500	19,901
Recommissioning	0	172	1,220	2,264	2,300	5,956
Energy Design Assistance	0	0	16	1,444	3,300	4,760
Saver's Switch for Business	204	571	1,216	381	N/A	2,372
Central Air Conditioner Rebates	679	4,132	3,969	5,707	3,987	18,474
Evaporative Cooling Program	0	0	17	1,768	1,754	3,539
Residential Saver's Switch	313	3,760	11,800	22,991	18,349	57,213
Total	3,859	16,308	26,077	42,120	37,190	125,554

Program Measurement & Verification

- Evaluate portfolio of existing DSM programs per the Resource Plan Stipulation & Settlement
- Programs must be evaluated by a 3rd party consultant.
- Project to be completed 1st quarter 2006.
- Final results will determine if the company met the 124MW goal.

M&V Components

- Impact Evaluation
 - Collect and review Program and M&V data
 - Compute gross demand and energy savings estimates
 - Develop and compute net savings estimates
- Cost-Effectiveness Evaluation
 - Compute TRC test for programs
- Process and Customer/Vendor Satisfaction Evaluations
 - Conduct surveys, interviews, and secondary research
- Final Reporting
 - Synthesize results across evaluation components

Colorado DSM 2006-2013

- In 2004, the Public Utilities Commission adopted a Settlement Agreement for the DSM portion of Xcel Energy's 2003 Integrated Resource Plan.
- Xcel Energy's goal is to obtain 320MW and 800GWh of cost-effective DSM resources by the end of 2013.
- Xcel Energy is authorized to spend up to \$196 million.
- The settlement included the implementation of a Market Potential Assessment to be completed by 1st quarter 2006.
- The 2003 Integrated Resource Plan included a separate DSM Bidding process for 3rd party conservation programs.

DSM Product Development

- Develop and launch business and residential programs 1st & 2nd quarter 2006.
- Key program criteria for review:
 - Number of potentially eligible customers
 - Ease of delivery
 - Customer bill impacts
 - Quantifiable kW and kWh savings
 - New construction and retrofit
 - All major end-uses

Projected Program Offerings

Business

- Energy Design Assistance
- Recommissioning
- Lighting Efficiency
- Motor Efficiency
- Cooling Efficiency
- Custom Efficiency
- Energy Management Systems

Residential

- Saver's Switch
- Evaporative Cooling
- Other programs TBD

New Mexico DSM 2006+

- Statewide initiative to bring DSM to New Mexico.
- Wide-ranging group organized mid-2004 to create an Energy Efficiency Act.
- Governor Richardson approved act 1st quarter 2005.
- Hearing Examiner appointed to lead a workshop of interested parties to turn Act into DSM rulemaking.
- Workshop group is continuing to meet to finalize guidelines.

DSM Product Development

- Development efforts will begin as the closure of DSM guidelines (workshops) approaches.
- Review existing and new DSM programs in Colorado and Minnesota service territories along with other program concepts for potential New Mexico offerings.
- Goal is to develop cost effective programs that have wide applicability to the business, residential and low-income customer segments.

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