PNDRP Meeting
IRP Treatment of Demand Response

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Projected Peak

- Winter peaking temperature of 23° F
- Sustained strong demand in summer, but summer peak does not reach winter peak
- Forecast begins with how much power will be used by a normal winter peak
2011 Projected Peak

- Electric Peak Hour Capacity Resource Need
DR Potential

- Updated every two years
  - Developed through team effort with Cadmus
  - Potential based on national studies and PSE experience

Methodology for Estimating Costs

- Experiences of other utilities
- Our experience
- Competitive bids
2011 IRP Achievable DR Potential by Strategy

![Diagram showing achievable DR potential by strategy from 2012 to 2031. The diagram includes categories such as Commercial Curtailment, Residential DLC Room Heat and Water Heat, Residential DLC Central and Water Heat, and Commercial CPP. The bars increase in height over time, indicating growth in potential.]
DR Evaluation

- Modeled along with other resources
- Criteria for DR Selection
  - Cost Competitive with Other Resources
  - Length of Contract
  - Pilot Results – Manual vs. Automated