



PNDRP Meeting

IRP Treatment of Demand Response

Kim Saganski

EES Program Manager



February 2013



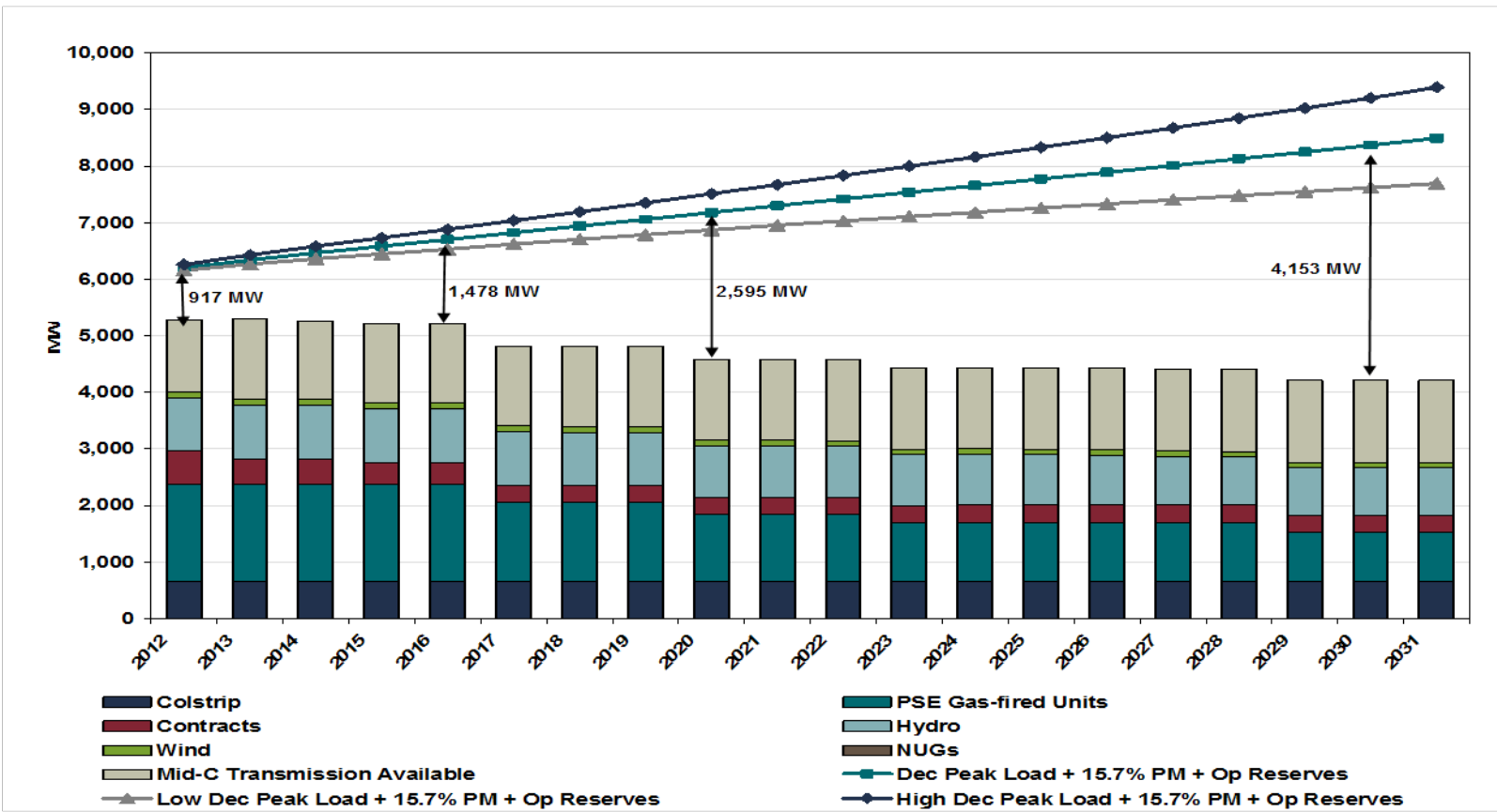
Projected Peak

- 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

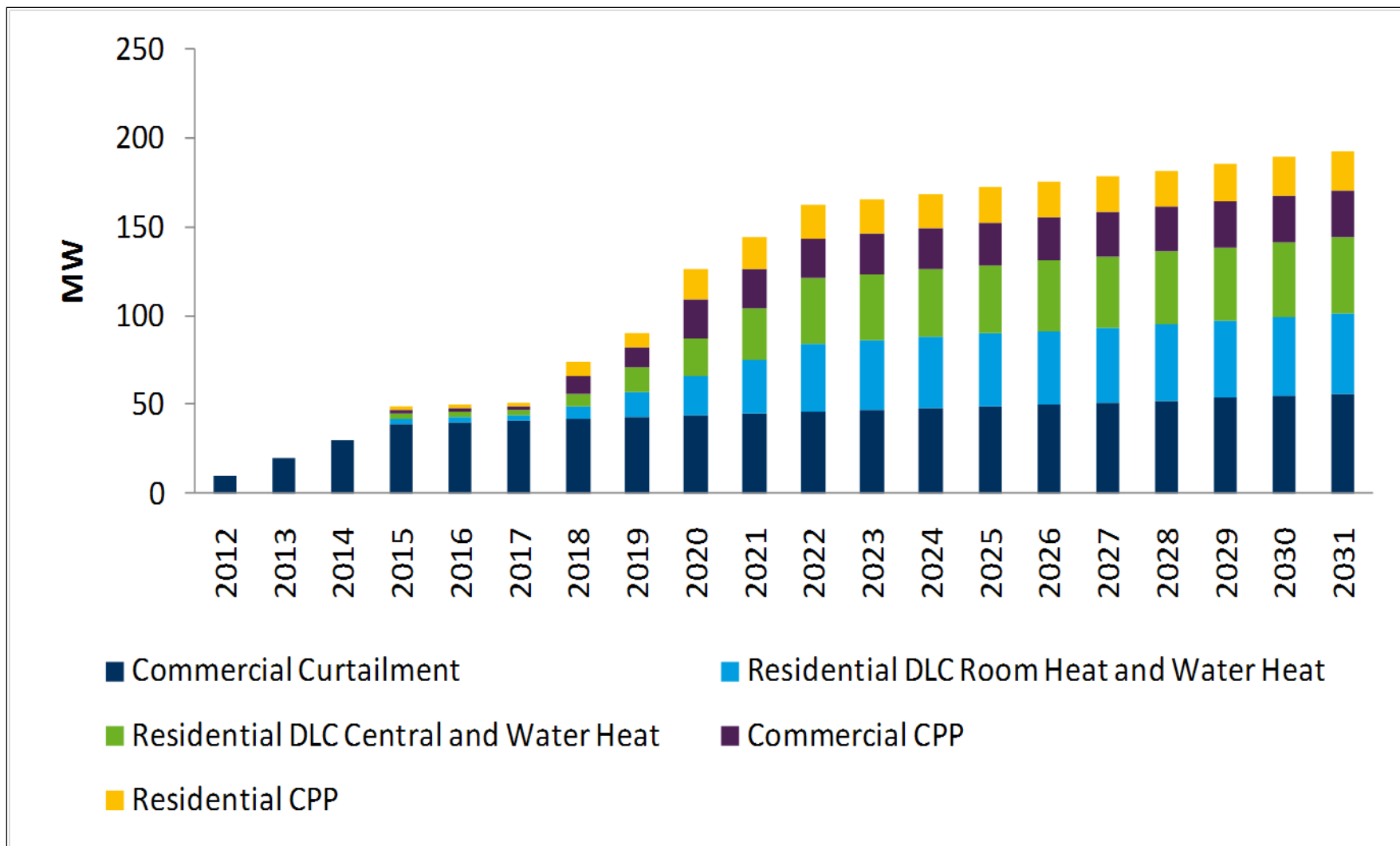
- Updated every two years
 - Developed through team effort with Cadmus
 - Potential based on national studies and PSE experience

Methodology for Estimating Costs

- Experiences of other utilities
- Our experience
- Competitive bids



2011 IRP Achievable DR Potential by Strategy





DR Evaluation

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