

# 7<sup>th</sup> Plan's Resource Strategy Action Items



Resource Strategy Advisory Committee  
September 9, 2015

# Draft Resource Strategy - Seven Principal Elements

- Acquire Cost-Effective Efficiency
  - 1400 aMW by 2021
  - 3100 aMW by 2026
  - 4500 aMW by 2035
- Expand Use of Demand Response
  - Prepare and Be Able to Deploy Demand Response
  - Review Resource Adequacy Assessment Assumptions Regarding Limits to Reliance on External Market Supply
- Meet Existing Renewable Portfolio Standards
  - Expansion of RPS is not required to achieve EPA CO2 Emission limits at the regional level
- Option Gas-fired Generation for Capacity and other Ancillary Services
  - Regional need for development to meet capacity needs limited in near-term
  - Dictated by local utility circumstances
- Regional Resource Utilization
  - Regional exports impact the need for new in-region energy and capacity generating resource development
  - Regional reserve sharing could reduce cost and resource needs
- Expand Resource Alternatives (EE & Non-GHG emitting)
- Adaptive Management

# Regional Conservation Goals

- **Achieve the regional goal for cost-effective conservation resource acquisition.**
  - **With biennial “milestones”**
  - **Flexibility to “roll-forward” savings starting in 2016**

	FY16-17	FY18-19	FY20-21	FY22-23
Annual Energy	370	460	570	660
Cumulative Energy	370	830	1400	2060

# Consider Capacity Deferral Cost in Calculation of Cost-Effectiveness of Energy Efficiency

- **Evaluate cost-effectiveness of measures using methodology outlined**
- **Develop and implement methods to identify system specific least-cost resources to maintain resource adequacy.**

# Demand Response

- **Expand Regional Demand Response Infrastructure.**
- **Support Regional Market Transformation for Demand Response.**

# Renewable Resources

- **Meet Existing Renewable Resource Portfolio Standards (RPS)**
- **Expand Renewable Generation Technology Options Considered for Renewable Resource Portfolio Standards (RPS) Compliance, especially Solar PV**

# Regional Carbon Emissions.

- Analysis for the Seventh Plan found that compliance was highly probable at the regional level through:
  - Reduced emissions from coal-plants that are already scheduled for retirement
  - Achieving the regional conservation goals
  - Satisfying existing state Renewable Portfolio Standards; and,
  - Modest re-dispatch of existing gas-fired generation.