New England Forward Capacity Market: A State Efficiency Program Perspective

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Chris Neme, Vermont Energy Investment Corporation
VEIC Involvement in Capacity Market

- ISO Demand Resources Group (4/6 - 10/6)
  - DRG developed draft rules
- Voting member of NEPOOL (starting 9/06)
- State working group steering committee (9/06 – present)
  - Input to ISO on draft M&V manual
  - Continue to meet to address regional M&V opportunities
- ISO approved VEIC “market participant status” (12/06)
- Filed transition 3 period capacity claims (12/06 – 2/07)
- Received 2 capacity payments (12/06 & 1/07)
Transition Period Issues

• Getting regulatory approval for M&V plan
• Adjust for ISO’s different definition of peak savings
• Clarifying ownership of capacity credits

Note: most of these issues apply to FCM as well.
FCM Issues – M&V requirements

- Extensive and different than state regulation
  - Will increase costs
- Encourages greater regionalization of evaluation
  - Share costs
  - Raise fewer questions
- May not be cost-effective to bid whole portfolio
  - Timing for first FCA reinforces this concern
- ISO focused on “gross” savings (states focus on “net”)
FCM Issues – Bidding

• Don’t have contract for DSM delivery beyond 2008
  • Not issue for utility administration model
• Don’t have approved budget for 2010
• Potential need for composite bids
  • Must have same summer and winter capacity
  • Timing is very problematic for 1st auction
  • Don’t want “tail wagging the dog”
• Ramifications for bidding below 75% of CONE
• How conservative or aggressive to be
FCM Issues – Other

- What happens to extra money?
- Influx of competition for big customers
Benefits of Capacity Market

- Possible significant additional $ for efficiency
  - ~$2.50 for one CFL (over 6 year life)
  - ~$150 for SEER 15 central A/C (over 15 year life)
  - ~50% of cost of VT annual portfolio over avg measure lives
  - NPVs assuming installed 2007, $7.50/kW-month starting 2010
- Partnerships with new entities
  - VEIC getting inquiries from demand response providers
- Greater confidence in some savings
  - …though wouldn’t be worth cost w/o capacity market
  - M&V manual not ideal for other purposes
Questions?

Chris Neme
Vermont Energy Investment Corporation
802-658-6060 ext. 1022
cneme@veic.org