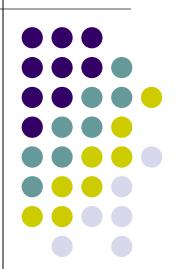
Proposal for clean power plant solicitation

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The Problem

- Energy market revenues are insufficient
- Existing non-carbon emitting resources cannot operate profitably

What's needed?

 Competitive market mechanism to increase revenues for qualified resources.



How to?

- Qualified generators competitively bid based on reduction in FCM payments
- Selected generators awarded payments equal to operating cost less energy & REC revenue
- Give Back payments by generators as energy prices increase



Qualified Generators

- Day-ahead bidder for 100% production at \$0.00/MWh
- FCM Participant w/CSO for 100% of unit capacity
- Located on PTF & built to full integration standard
- Located in ISO-NE Control Area
- No actual carbon emissions



The Terms of the Deal

Duration	3-year minimum; 1-year renewal option (max. 7 years)
Give back	50% of the energy revenues above the operating costs until all subsidy payments are repaid
Selection Criteria	1 3
Source of Funds	Payments to winning generators collected by ISO-NE from network load. Repayments from to winning generators paid back to network load by ISO-NE
RFP Size	Up to 4,100 MW





Plant Size (MW)	Annual Operating Cost (\$/MWh) (a)	Average Energy Cost (\$/MWh) (b)	Subsidy ^{1,2} (a-b)	Annual Production (TWh)	Subsidy ³ (\$'mil)		
700	\$46	\$25	\$21	5.0	\$105		
1,250	\$35	\$25	\$10	9.5	\$95.0		
2,150	\$30	\$25	\$5	17.5	\$87.5		
4,100				32.0	\$287.5		

¹ Less FCM reduction

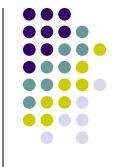
² If \$0 or negative, generator initiates Give Back

³ Cost per MWh to network electric load ~ \$2.25/MWh



The Benefits

- Preserves 4,100 MW of existing non-carbon emitting resources yielding annually:
 - 32 million MWh of price suppression electrical energy (~25% region load)
 - 2) Reduction of 12.9 million RGGI allowances (43% of New England usage for 2016)
- Short-term policy with payback requirement
- No apparent need for State legislative or regulatory action



The Alternatives

Replace these EXISTING resources with:

WIND: 12,200 MW (30% CF)

-or-

SOLAR: 25,000 MW (14% CF)

High costs include (NEWIS report):

- Miles of new transmission
- Above-market rates "locked-in" long-term
- Possible added capacity payments to reliable generators



Questions