

# Energy Efficiency in the Northeast

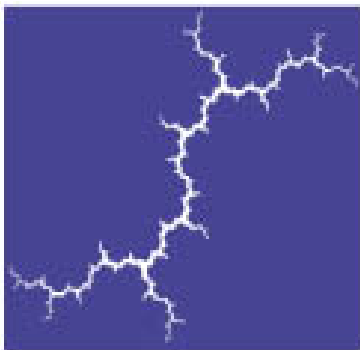
Bruce Biewald

Presentation to

ACEEE National Conference on

Efficiency as a Resource

Berkeley, California; September 2005



**Synapse**  
Energy Economics, Inc.

22 Pearl Street

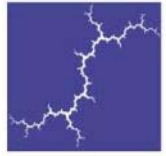
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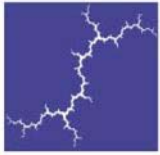
[www.synapse-energy.com](http://www.synapse-energy.com)

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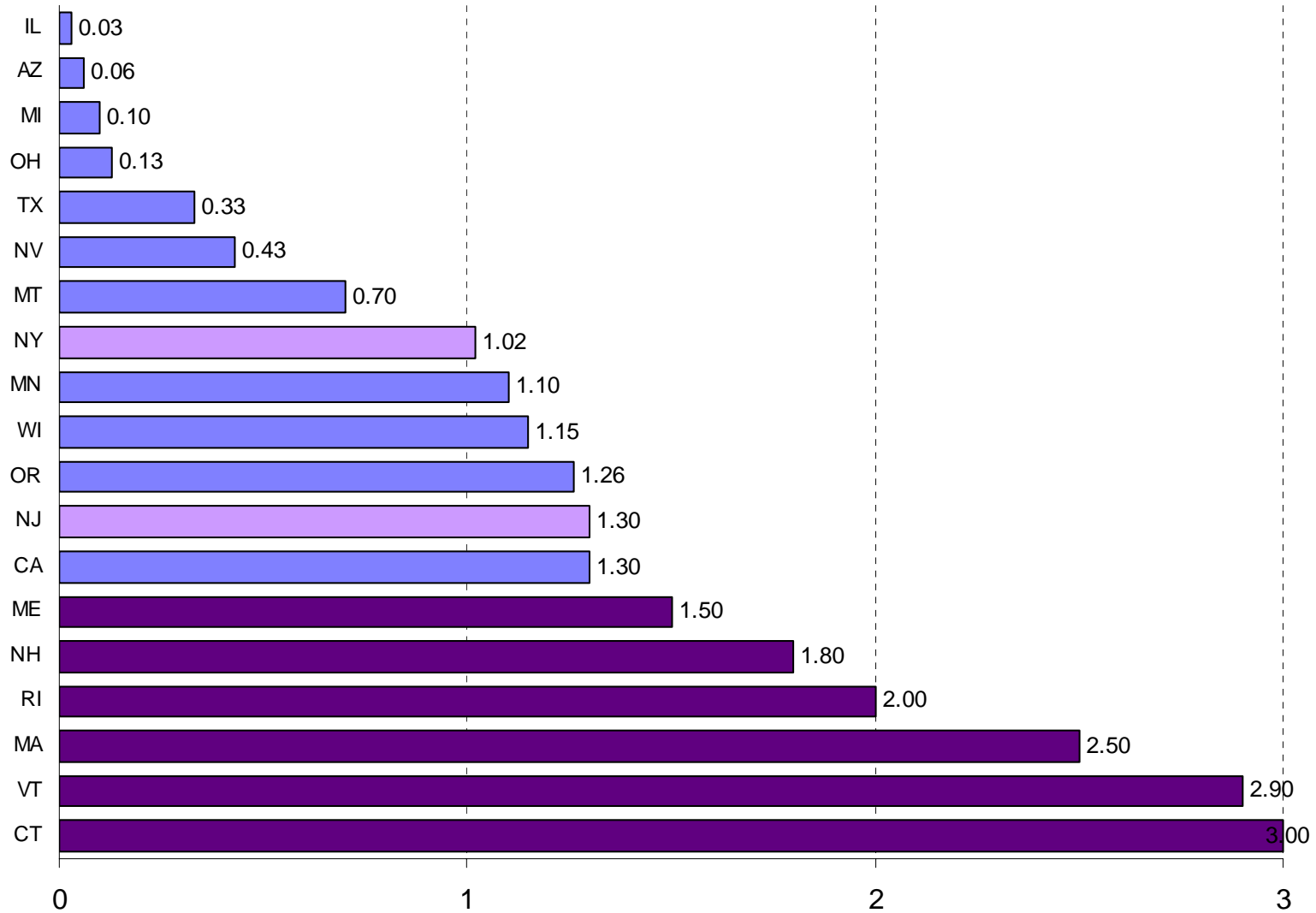


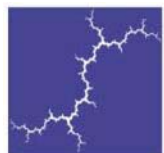
# EE in the Northeast

- EE funding in Northeast states
- EE in retail default service
- EE in RTO procurement
- EE in RTO governance (sector voting)
- EE in capacity markets
- EE in RGGI
- EE in environmental compliance
- EE in high price energy markets



# EE Funding by State





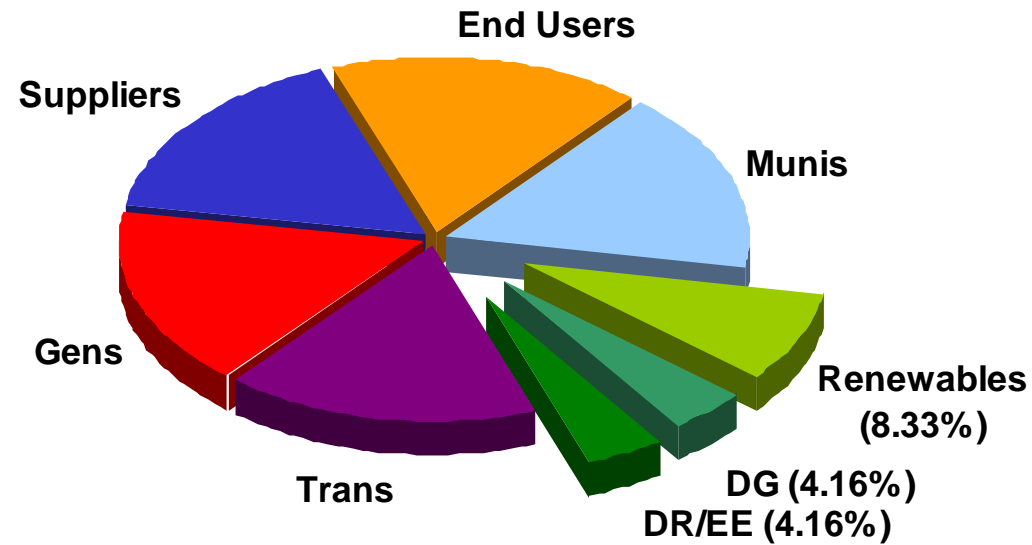
# EE in ISO-NE Procurement

- Southwest Connecticut GAP RFP
- RFP issued December 2003, seeking 300 MW
- Proposals (for 2007) summer average capacity:

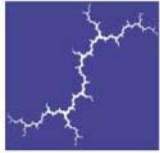
C&LM	11 MW
Demand Response	354 MW
Generation	719 MW
Total	1084 MW



# EE in RTO Governance



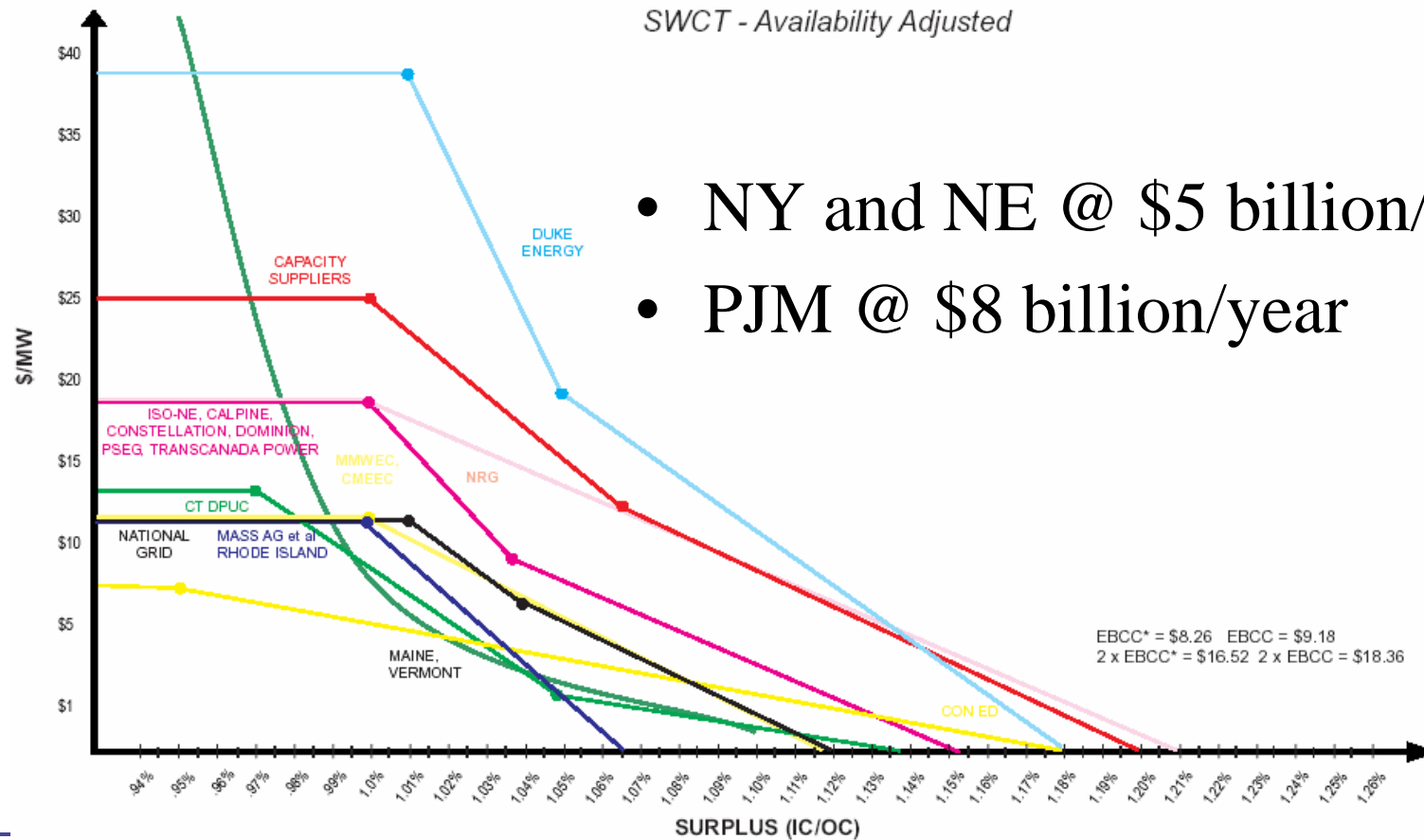
NEPOOL Alternative Resources Sector  
at 16 2/3 % voting Share



# EE Value in Capacity Markets

## DEMAND CURVE PROPOSALS

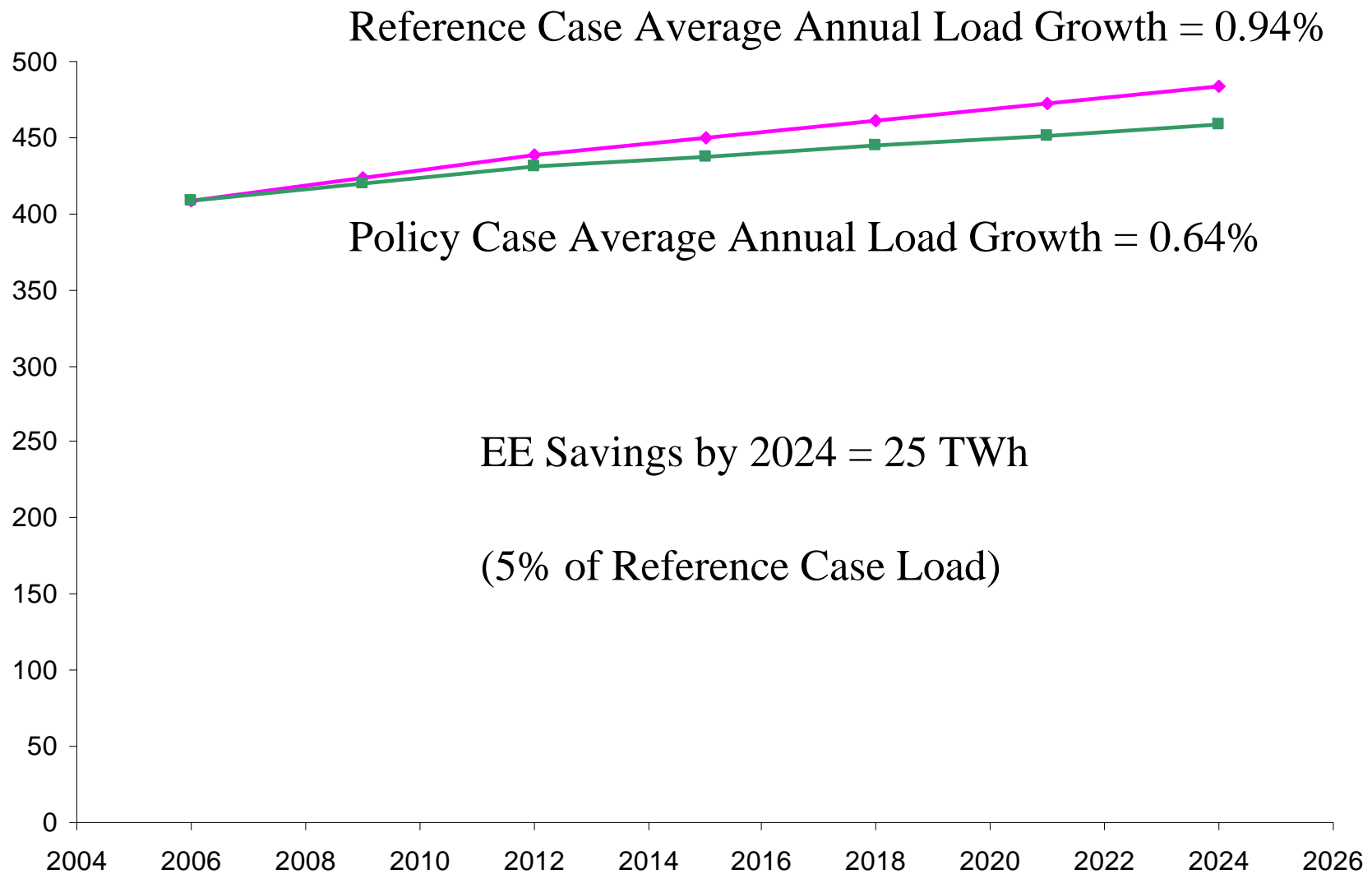
SWCT - Availability Adjusted

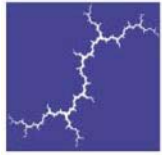


- NY and NE @ \$5 billion/year
- PJM @ \$8 billion/year

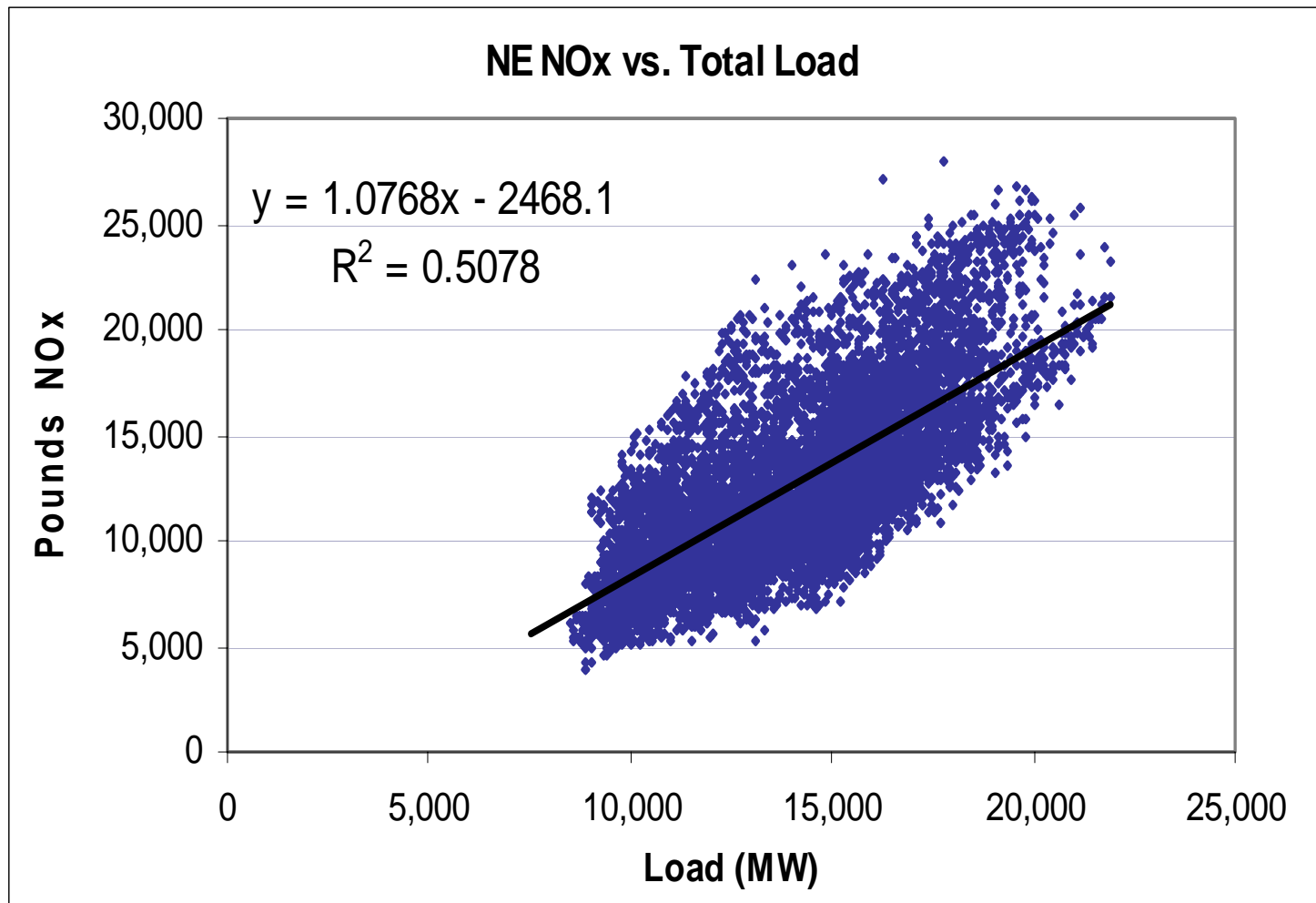


# EE in Regional CO2 Policy (RGGI)





# New England Hourly NOx







# New England Electricity Prices

