



Synapse
Energy Economics, Inc.

Aligning Climate Change and Energy Efficiency Objectives in a Cap and Trade World

ACEEE Market Transformation Conference
Washington, D.C.
March 30, 2009
Chris James

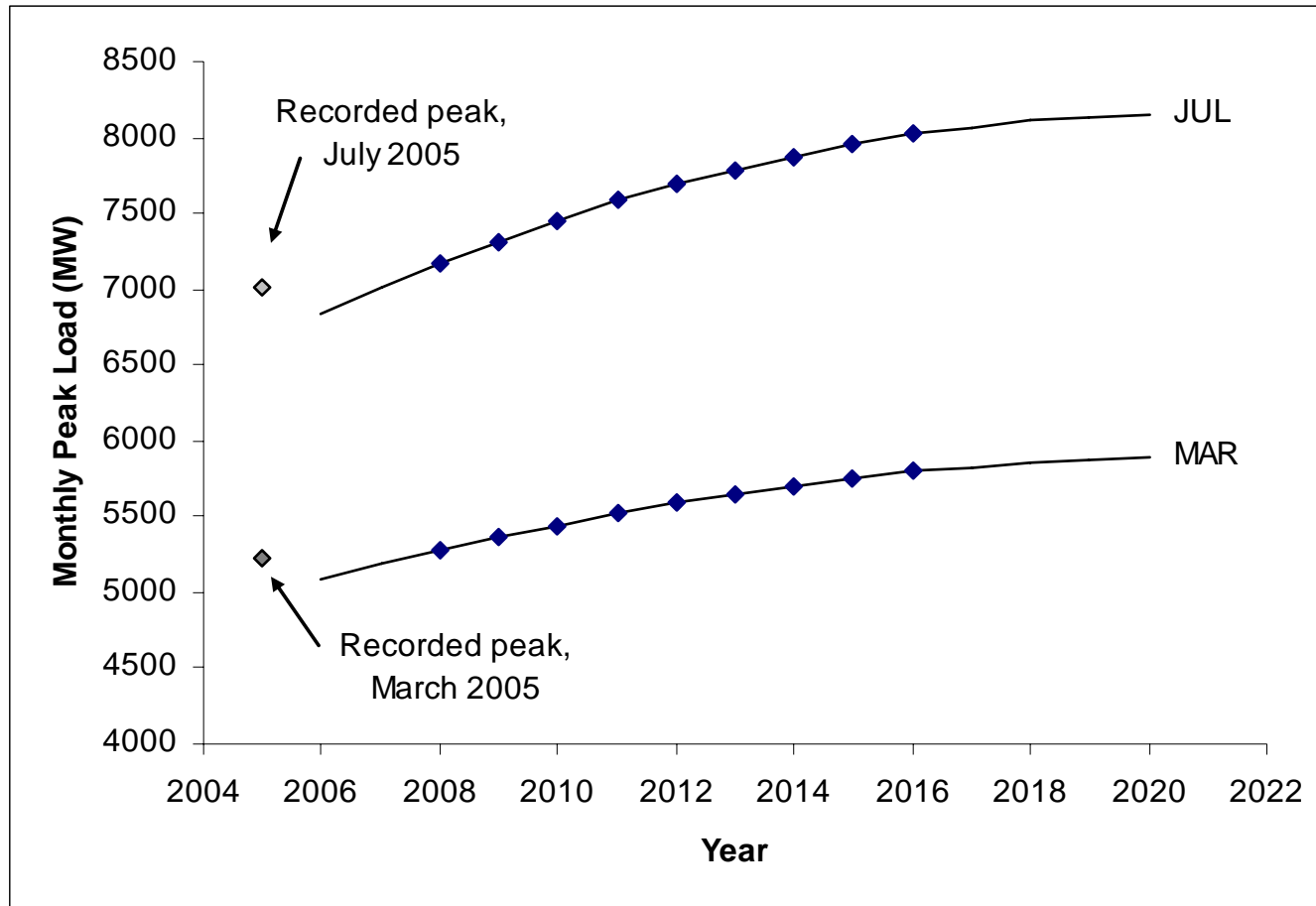
What is RGGI?

- Electric sector only
- Ten NE states, ~625 units
- Baseline = 2000-2004 CO₂ emissions
- Reduce 10% by 12/31/18

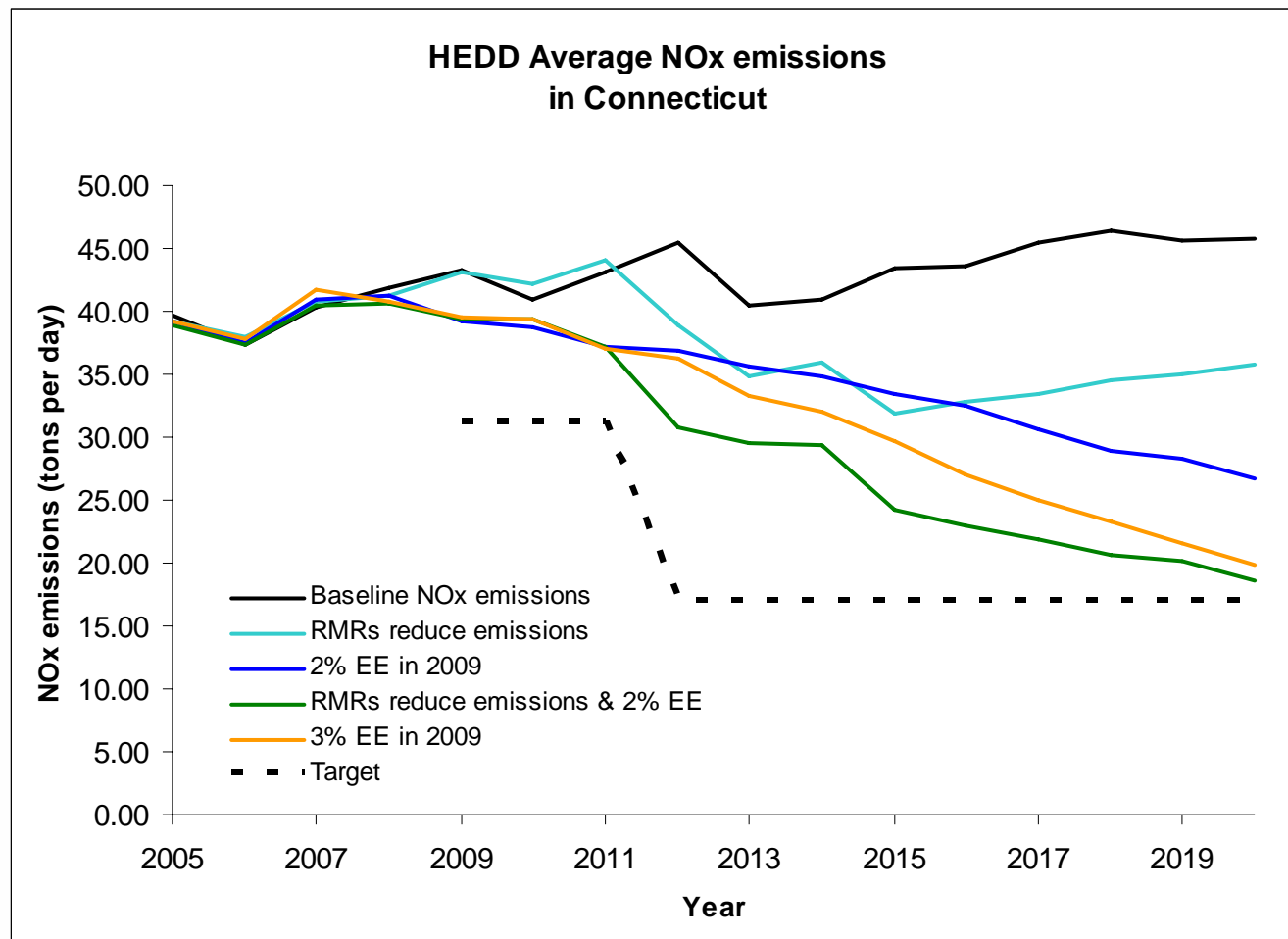
- Auction allowances
- Link auction revenue to investment in
EE/ RE
- N.B. EE is not an offset category

- Three auctions conducted
- March 2009 auction cleared at \$3.51
- Over \$ 255 million raised to date for EE RE in states
- RGGI \$ represent 10-30% additional funding

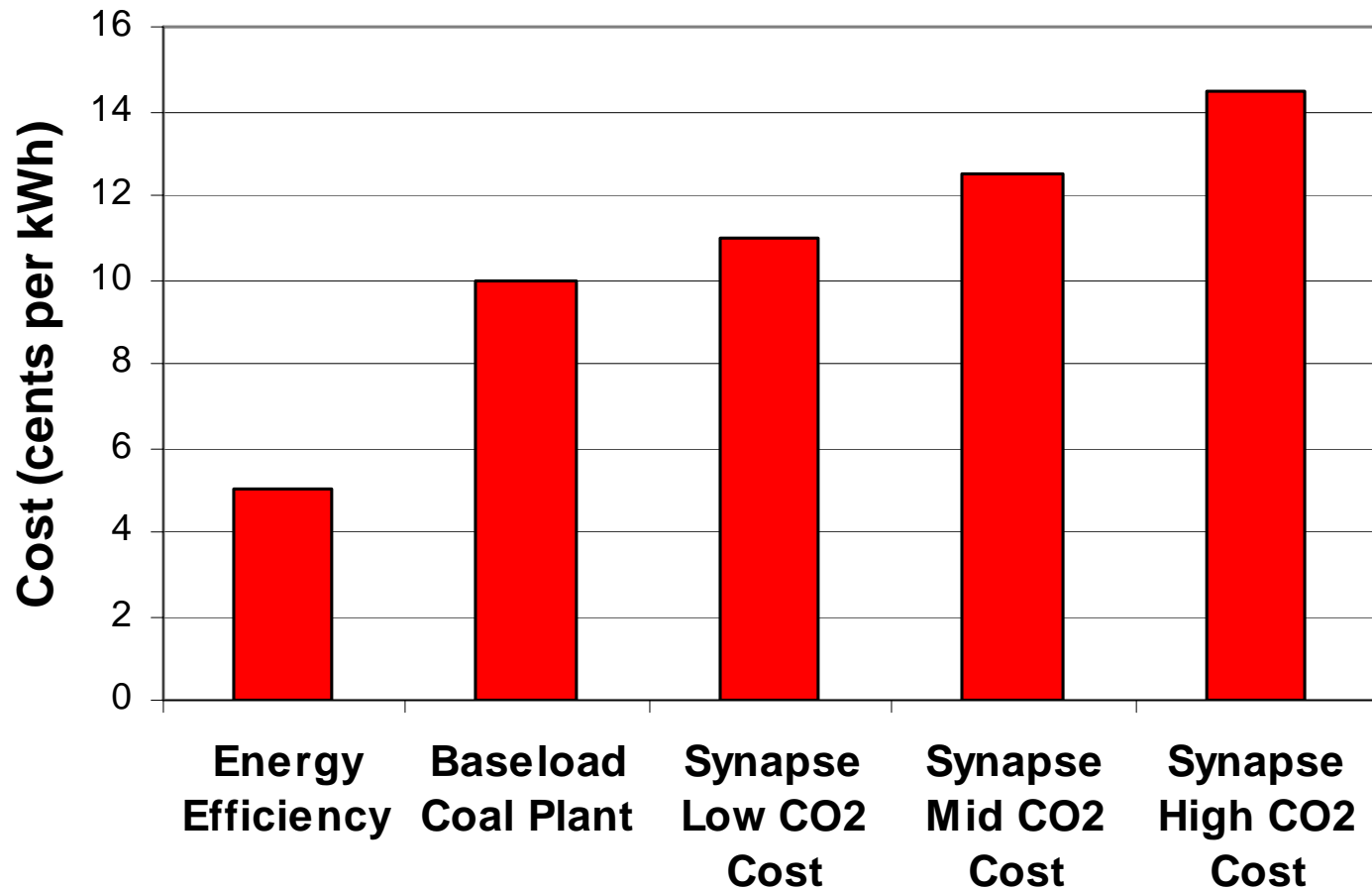
State Load Growth Assumptions



Energy Efficiency Benefits Today for Criteria Pollutants

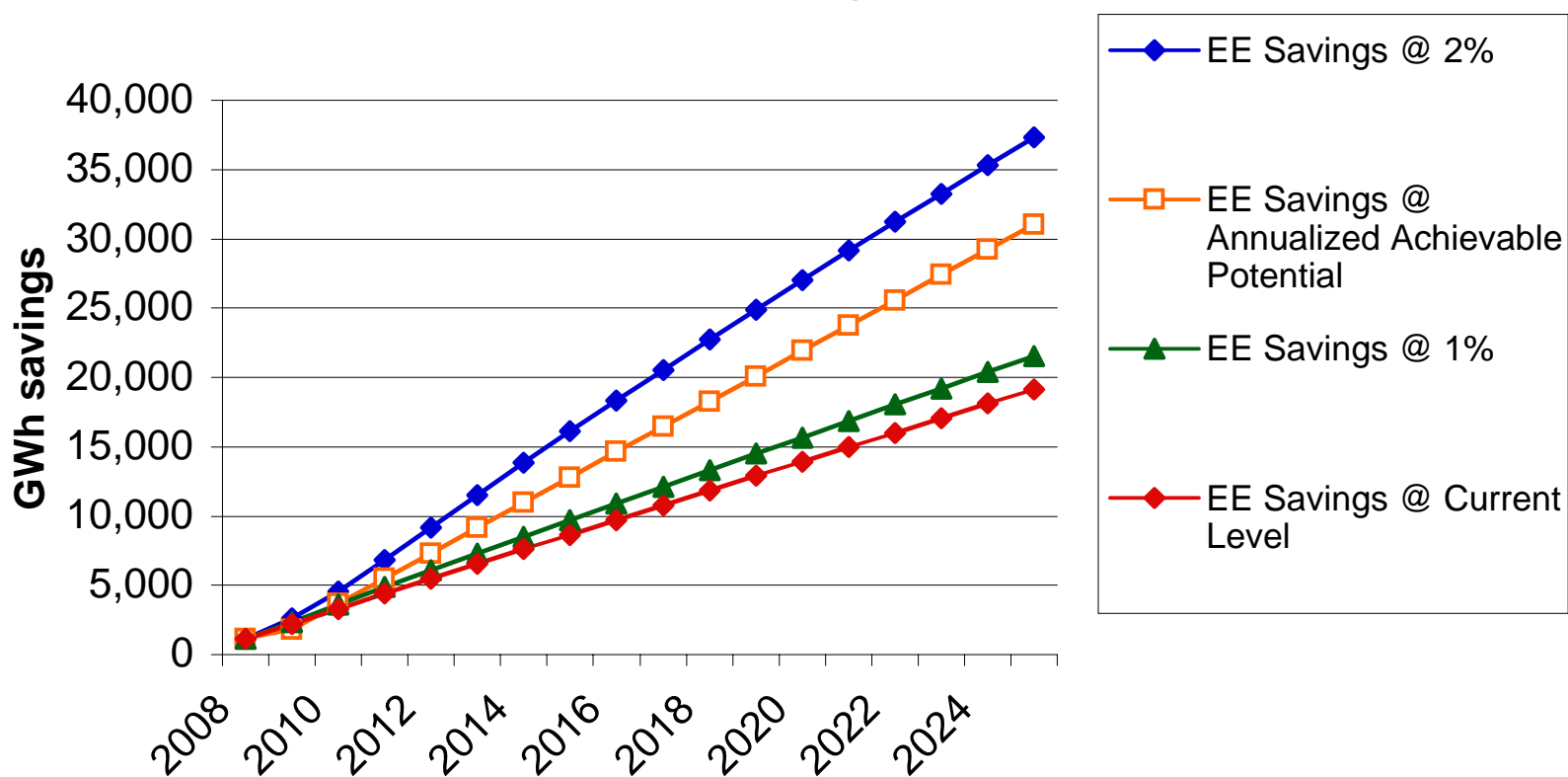


Aggressive Energy Efficiency Measures Are Less Than Energy Costs from a Baseload Coal Plant



Apply Connecticut Energy Efficiency Results to New England

Energy efficiency program impacts for three different scenarios for New England



Analysis of Existing Programs: Cost of Saved Energy Continues to Decline as Level of Savings Increases

