



Connecticut Climate Change

# Update on Global Warming Solutions



## **GWSA Mandatory Targets**

- The GHG emission reduction requirements are:
  - By January 2020, reduce Connecticut GHG emissions to 10% below 1990 levels and
  - By January 2050, reduce Connecticut GHG emissions to 80% below 2001 levels



## DEP's Requirements (CGS 22a-200b)

- By December 2009
  - Publish a 1990 and 2001 baseline inventory of CT GHG emissions,
  - Publish a summary of GHG emission reduction strategies,
  - NESCAUM under contract for this effort



## Update on GWSA Deliverables

- Final report *2009 CT GHG Inventory*
  - One public comment received
  - Final report posted on DEP and CC websites on Jan 27
- GSC agencies to submit a report to OPM & DEP identifying activities and improvements designed to meet Governor's energy saving goals
  - Final report *Energy Saving Improvements in State Facilities and Operations, 2009: State Agencies Leading by Example*
  - <http://ctclimatechange.com/index.php/ct-happenings/publications/>



## **DEP's Requirements (CGS 22a-200b)**

- By July 2010
  - Conduct and publish modeling of GHG reduction scenarios and evaluate economic and environmental benefits and opportunities



## **GWSA: GHG Strategies & Analysis**

- Early efforts to develop list of GHG Reduction strategies:
  - 2004-05 CCAP stakeholder process & 55 action items
  - 2007-08 CCAP stakeholder review process
    - New list of ideas developed, but never formally adopted
  - 2008 Air Bureau effort
    - Augmented revised CCAP GHG strategies w/ CA AB 32 efforts and
    - Air staff analyzed 14 strategies
- GWSA directs GHG strategies be posted on-line by Jan 2010



# GHG Reduction Strategies Spreadsheet

- Includes new strategies and 2005 CCAP strategies
  - Strategies identified by each C4 agency
  - Deletions and revisions to CCAP strategies
- This is a living document that will change as we evaluate strategies
- Working w/ NESCAUM to assess data on which strategies are based



## **GWSA: GHG Strategies & Analysis**

- Current combined list of GHG strategies is posted (reflecting most recent CCAP, DEP and C4 efforts)
- NESCAUM is evaluating GHG strategies as required by GWSA (e.g. modeling scenarios including potential economic and environmental benefits)
- Includes evaluating similar work in CA, NJ and NY
- July 1 Results of NESCAUM's modeling.
- Late 2010 – July 2011: DEP Commissioner required to develop recommendations of GHG reduction strategies to meet targets specified in GWSA
  - Recommendations required to go through public comment process