

# ***MA Energy Future -- 2010 Update***

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# DOER Mission

***Creating a greener energy future --  
economically and environmentally:***

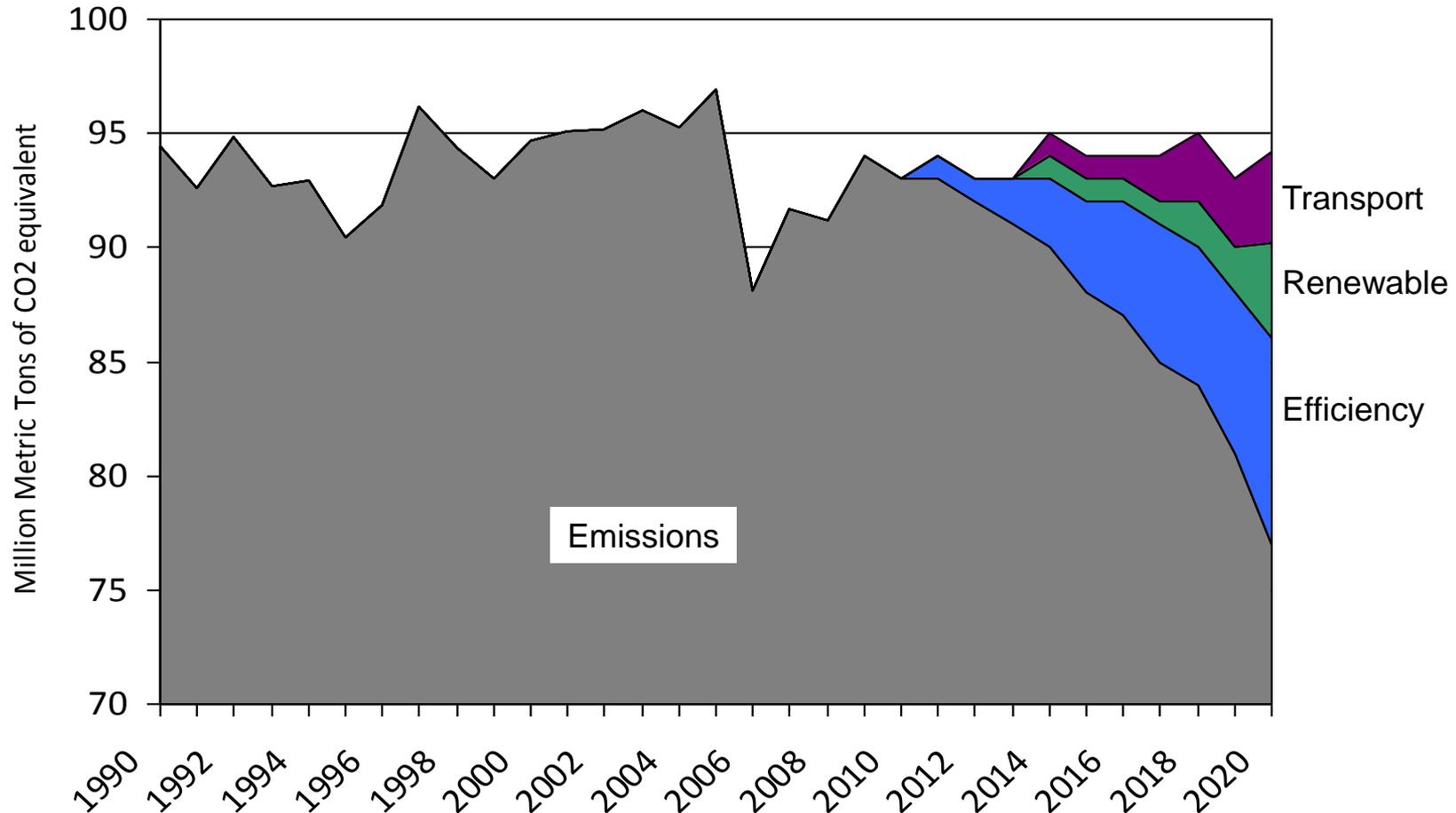
- all available cost-effective energy efficiencies
- greener energy resources
- reliable supplies and improved relative cost
- clean tech companies and clean energy jobs

# Policy Lever Portfolio

- Executive
  - LBE
  - Decoupling
  - RGGI
  - Renewables
    - PV: 250 MW 2017
    - Wind: 2000 MW 2020
  - ZNEB
  - Building energy labels
  - Governor's Energy Challenge
  - MEPA
- Legislation
  - Green Jobs
  - Ocean Management
  - Clean Energy Biofuel
  - Global Warming
  - Green Communities
    - Building Codes
    - Smart Grid Pilot
    - Least cost Procurement
    - Communities
    - Renewables
- Stimulus



# Policies Deliver 19% GHG Reduction



Source: ERG February 2010



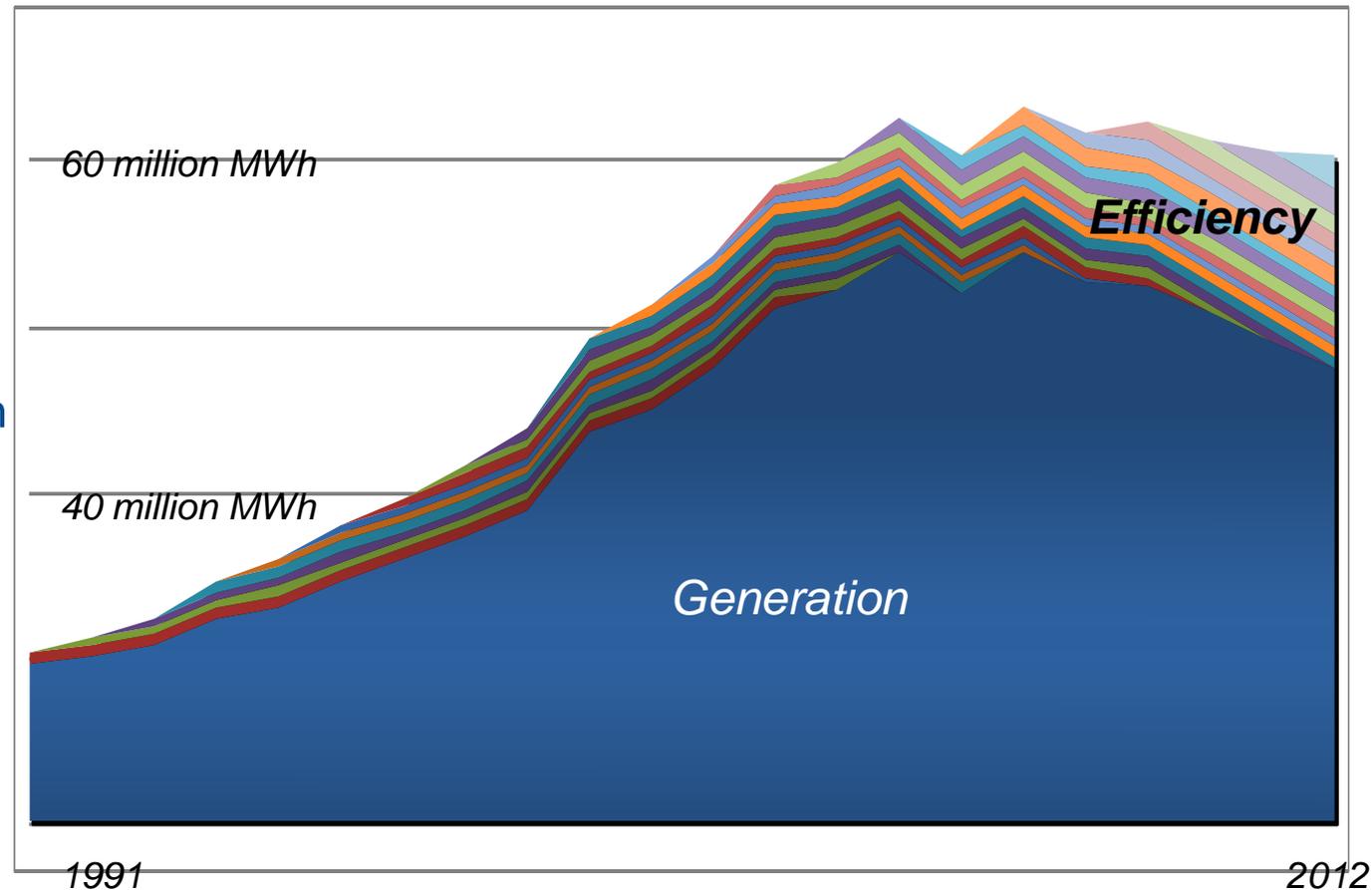
Massachusetts Department  
of Energy Resources

# Efficiency Plans Built on Experience

Most ambitious plans in US

3 year Plans

- \$ 6 billion savings from \$2 billion investment

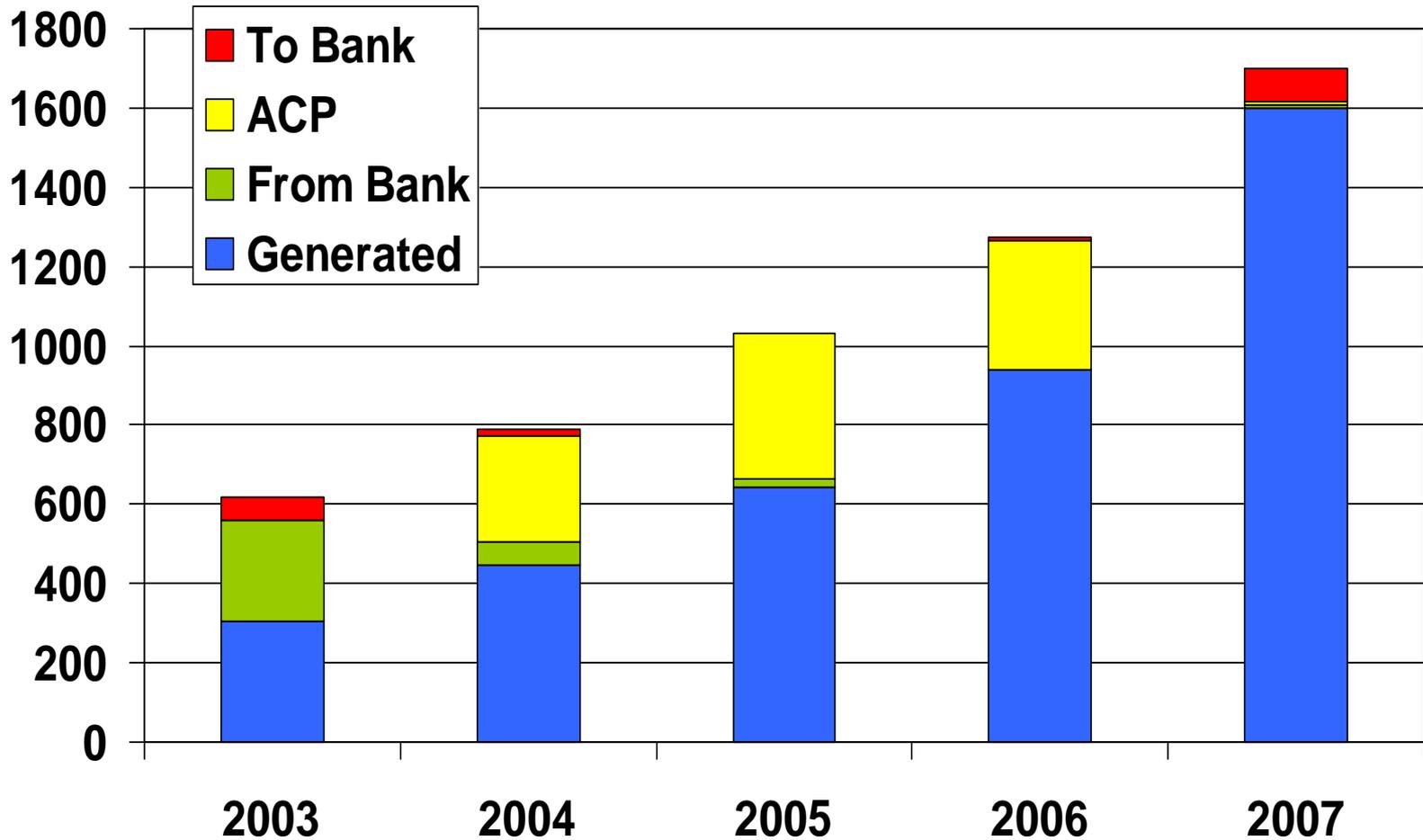


Source: DOER



Massachusetts Department of Energy Resources

# Renewables: Meeting RPS Targets



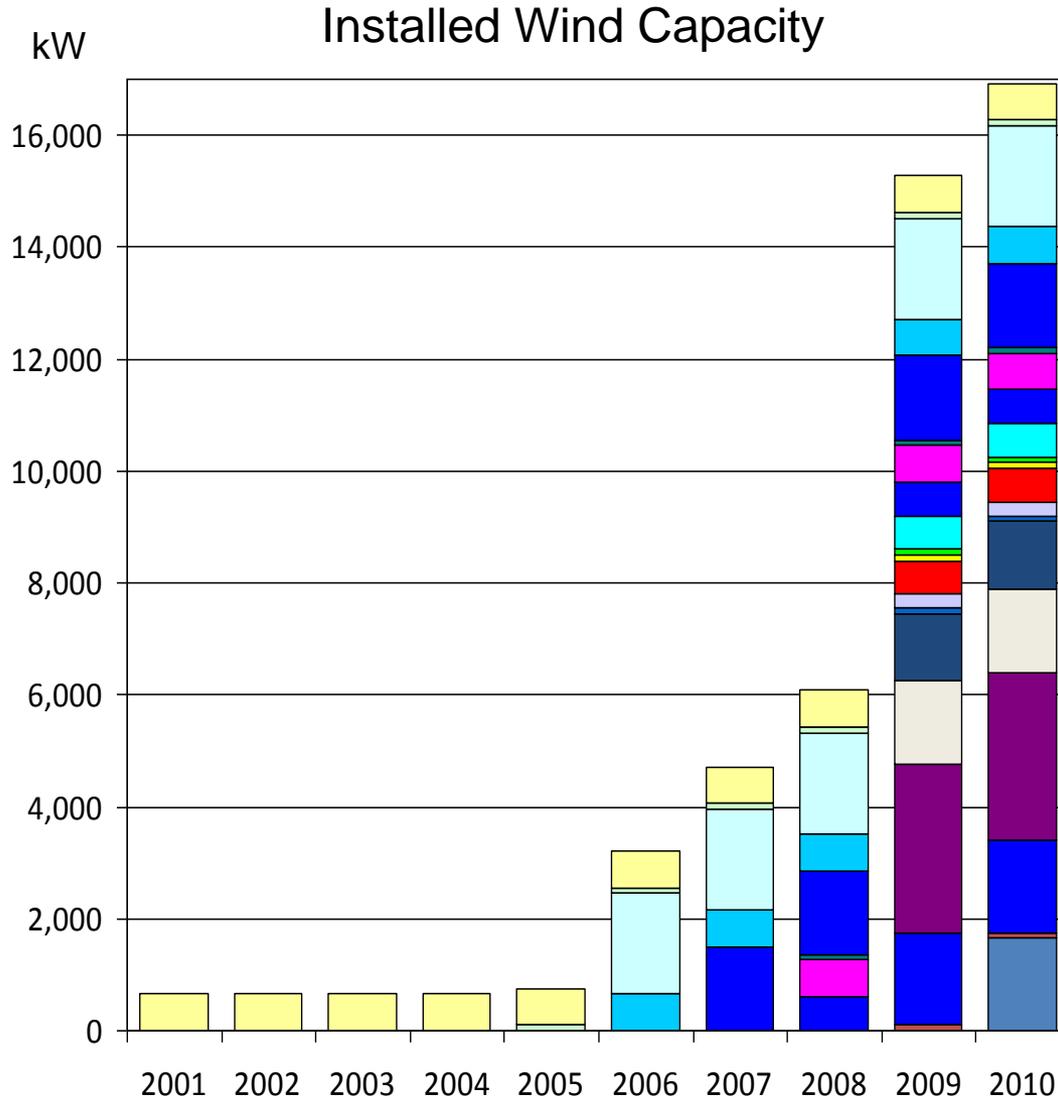
Source: DOER

*Creating A Greener Energy Future For the Commonwealth*

**DOER**

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of Energy Resources

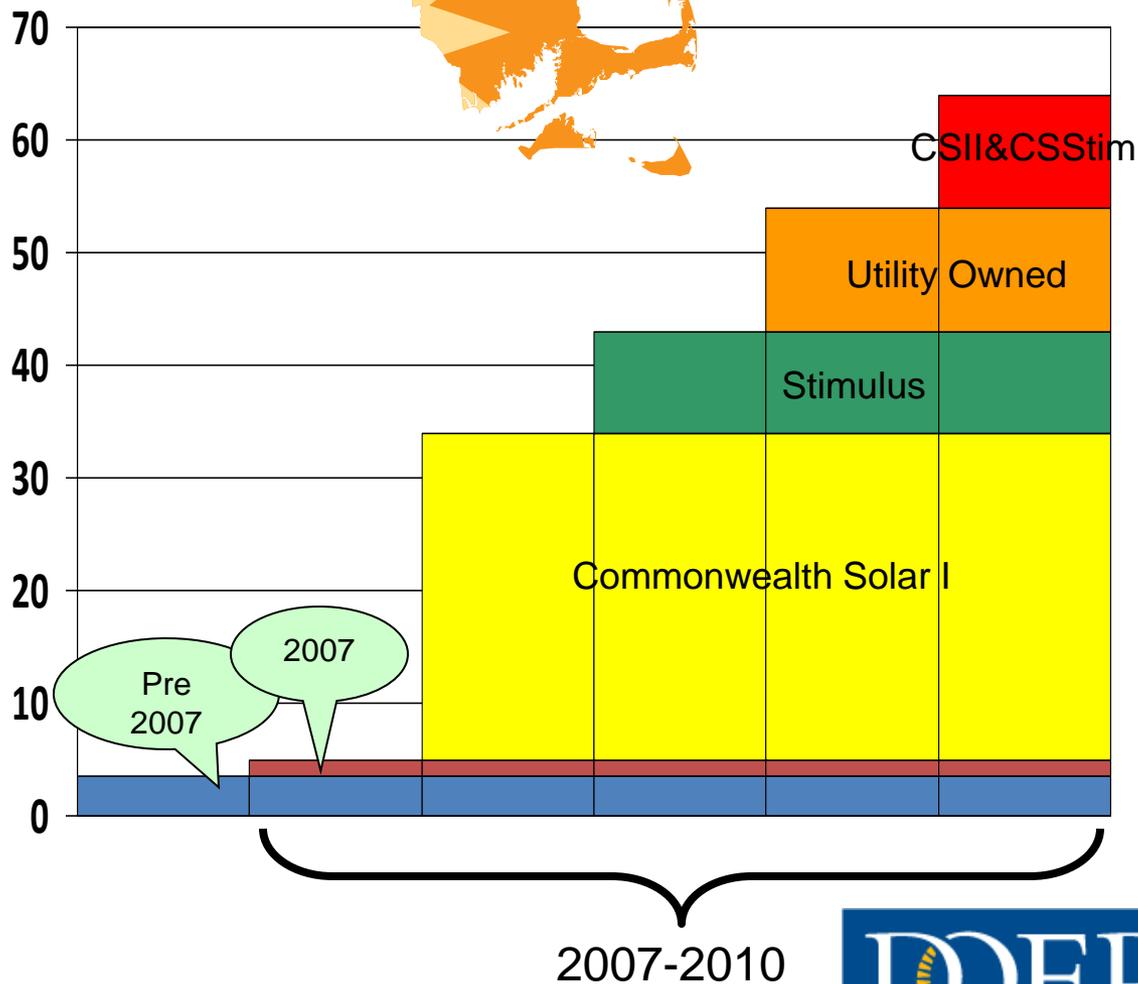
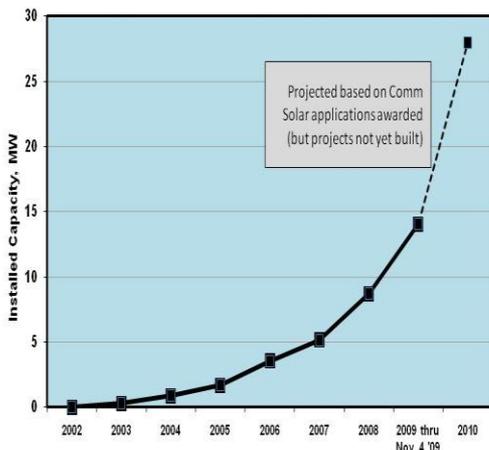
# Renewables: Wind



- 22 turbines installed
- On track for **Tenfold** capacity increase
- Technical Resource Potential
  - Onshore 1,500 MW
  - Offshore 6,000 MW

# Commonwealth Solar

- 250 MW Goal
- 20 X Solar Growth
- Over 1,200 projects awarded
- Solar employers have grown from 50 before Comm Solar to over 200 in 2009.



# Renewable Challenges

- Biofuel
  - Voluntary program at this time
- Biomass
  - Suspension of new SQs
  - Manomet completed on time
    - Global news -- carbon dividend and debt timelines
  - Secretary letter
  - Draft regulations will be available shortly
- Wind siting
- Federal leadership/follow-ship
  - Carbon price

# Closing Thoughts

- Our greener energy future:
  - Getting this right matters
  - Getting it done soon matters
  - Getting it done big matters
- Lots of work remains – leadership needed
- Opportunity to be a showcase for nation and world – reducing energy waste while growing our economy