

# Potential Energy Efficiency and Sustainable Energy Action Items

for the NH Climate Change Action Plan

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## Climate Change Policy Task Force Purpose and Goals

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- Established through Executive Order 2007-3  
December 6, 2007
  - Establish quantified greenhouse reduction goals considering regional and international goals
  - Recommend specific regulatory, voluntary and policy actions that the state should consider to achieve its greenhouse gas reduction goals.



## Climate Change Policy Task Force Composition

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- State agency commissioners;
- House and Senate members;
- General commerce and industry;
- Environmental interests;
- Forestry sector;
- Science/academia;
- Public utilities;
- Municipal government; and
- Insurance industry.



## Climate Change Policy Task Force Process

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- Review inventories and projections
- Consider existing commitments of the state
- Consider state and regional approaches
- Include voluntary, regulatory, and policy actions
- Analyze and prioritize options
- Document final recommendations following public comment



## Technical and Policy Working Groups

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- Identify, analyze, and prioritize sector options
- Consider the obstacles and opportunities unique to New Hampshire
- Prepare Actions for the Task Force to consider consistent with purpose and charge
- Submit to technical consultants, Carbon Solutions New England (CSNE) and DES for quantitative analysis
- Document level of consensus



## Technical and Policy Working Groups

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- Electric Generation and Usage
- Transportation and Land Use
- Residential, Commercial and Industrial
- Agriculture, Forestry and Waste
- Government, Leadership and Action
- Adaptation



## Potential Actions *Energy Efficiency*

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- Maximize Efficiency in New Construction (RCI 1.1)
- Maximize Energy Efficiency in Existing Residential Buildings (RCI 1.2)
- Maximize Efficiency in Existing Conditioned Buildings – Commercial, Industrial & Municipal (RCI 1.3)
- Upgrade Building Energy Codes (RCI 1.4A)
- Increase Building Energy Code Compliance (RCI 1.4B)



## Potential Actions *Energy Efficiency*

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- Incentive Programs to Install Premium Efficiency Equipment, Processes, and Systems (RCI 2.1)
- Increase the use of Combined Heat & Power (EGU 1.3)
- Establish Revenue Decoupling (EGU 1.1)
- Mandate Energy Efficiency Procurement (EGU 1.3)



## Potential Actions *Sustainable Energy*

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- Increase Use of Combined Heat and Power (EGU 1.3)
  - Renewable Portfolio Standard (RPS) (EGU 2.1)
- Regional Greenhouse Gas Initiative (RGGI)  
(EGU 2.2)



## Potential Actions *Sustainable Energy*

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- Promote Renewable Energy and Low-CO<sub>2</sub> Thermal Energy Systems (RCI 3.1)
- Encourage the Use of Biogenic Waste for Energy Generation (AFW 2.4)
- Low- and Non-CO<sub>2</sub>-Emitting Supply Side Resources (EGU 2.2)



## Potential Actions *Sustainable Energy*

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- Avoid Forest Land Conversion (AFW 1.2)
  - Promote Durable Wood Products (AFW 1.3)
- Maximize Availability of Biomass for Electricity and Heating within Sustainable Limits (AFW 2.2)



## Potential Actions *Education Programs*

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- Comprehensive Energy Efficiency and Renewable Energy  
Building Management Education Programs  
Energy Efficiency and Sustainable Energy Systems Web Portal
- Resource for public – what works, certified contractors, demonstrations



## Potential Actions *Government Leadership*

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- Provide for the Establishment of Local Energy Commissions
  - Encouraging Renewable Energy and Energy Efficiency Projects on Existing State-Owned Buildings and Facilities
- Use of Renewables for Building Heat and Hot Water
- Increase Overall Fleet Efficiency
- Increase Fuel Economy through Improved Vehicle Maintenance and Technology



## Questions or Comments

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