



Warrant Article 51 Concord's Energy Goals



Article 51-Concord's Energy Goals

Ms. Kaufman moves: that the Town
take affirmative action on
Article 51 as printed in the handout.



Energy Futures Task Force THANK YOU

- Pam Hill, chair
- John Dalton
- Brian Foulds
- Dan Gainsboro
- Wally Johnston
- Elise Woodward



Article 51-Concord's Energy Goals

Establish a reliable, equitable, and environmentally sound energy plan that

- Assures long term viability for Concord Municipal Light Plant
- Addresses climate change
- Is integrated into
 - CMLP's Strategic Plan
 - Comprehensive Long Range Plan
- Promotes intergenerational equity



Article 51-Concord's Energy Goals

GOALS:

Massachusetts Global Warming Solutions Act

- 25% reduction in greenhouse gases by 2020
- 80% reduction in greenhouse gases by 2050



Article 51-Concord's Energy Goals

MULTI-SECTOR, SYSTEMS THINKING APPROACH

- Agriculture
- Built environment
- Commercial
- Energy
- Health and safety
- Land-use planning and open space
- Municipal
- Residential
- Transportation
- Waste management
- Water management



Article 51-Concord's Energy Goals

NEAR TERM ACTIONS

- Secure needed resources
 - Consultant to establish GHG baseline and develop long term goal implementation plan
 - Director level position to manage the implementation of a tactical plan, across departments and sectors



Article 51-Concord's Energy Goals

ECONOMIC IMPACT

Free Cash Outlays

- \$100,000 for a Director-level position to implement the town-wide greenhouse gas emissions reduction plan
- \$100,000 for a Consultant to develop a plan with specific tactics to meet the goals, engaging stakeholders in the process



Article 51-Concord's Energy Goals

LONG TERM COST CONSIDERATIONS

- Commitment to 100% non-carbon emitting electricity by 2030 may increase electric rates over time
- Concord's rates are 25% lower than those of Investor Owned Utilities
- Conservation and planning efforts will increase efficiency, save electricity and reduce costs



Article 51-Concord's Energy Goals

FORWARD THINKING OPPORTUNITIES

- Reduce barriers and incentivize choices for renewable resources and energy efficiency that meet or exceed those offered by Massachusetts investor-owned utilities
- Convert Concord's electricity supply to non-emitting resources with a target of achieving
 - 100% from non-emitting resources by 2030



Article 51-Concord's Energy Goals

KEY TAKEAWAY

Multi-sector de-carbonization implementation plan with support from a consultant and new town position; strengthening partnerships for GHG gas reductions, and promoting energy efficiency in all sectors.



Article 51-Concord's Energy Goals

Ms. Kaufman moves: that the Town
take affirmative action on
Article 51 as printed in the handout.



Article 51-Concord's Energy Goals

MEETING THE GOALS

- Apply integrated systems thinking
 - Multi-sector approach
 - When one aspect of a system changes it affects every other aspect.
- Broad-based stakeholder involvement and education



Article 51-Concord's Energy Goals

GOALS GUIDED BY:

Global and national commitments for greenhouse gas reduction:

2015 Paris Agreement on Climate Change

2008 Massachusetts Global Warming Solutions Act

A commitment to bold approaches and actions

A recognition that Concord should actively contribute to the transformation from an economy powered by fossil fuels to an economy powered by clean energy

A commitment to Concord's sustainability principles.



Article 51-Concord's Energy Goals

Our Energy Future is in your hands

These energy goals are:

Smart, Timely, Possible and
Achievable