

ENERGY COMMITTEE PACKET JOINT EC AND CAC MEETING 12/4/2024 CAC AGENDA ITEM 3

3A) Whole Government Approach (WGA)

HISTORY OF WGA

Embedded in 2023 Local Comprehensive Plan (LCP) Pg 59 link below

https://www.truro-ma.gov/sites/g/files/vyhlf9766/f/uploads/april_19_2024_local_comprehensive_plan_2.pdf

Entire Document PRE LCP

TRURO CLIMATE ACTION COMMITTEE

For LCP/ SB inclusion (Voted and approved by CAC 5/14/2022) EC fall 2022
Submitted to LCP 9/12/2023 the LCP will be voted on at 2024 Town Meeting

Whole Government Approach:

The Town of Truro recognizes that effective climate leadership requires the integration of climate change mitigation and adaptation into daily operations, decision-making, and planning for our municipality. The Truro Town government is committed to taking the lead on implementation of this approach and the integration of climate change mitigation and adaptation throughout all Town Departments, boards, and committees and will focus on three specific areas to achieve this:

Governance

Integrate climate change mitigation and adaptation goals, metrics, and evaluation criteria into Town planning and administration, including staff and department training, evaluations, and budgeting.

Education

Work with educators, parents, students, the School Board, and the State to bring climate education curricula into schools and student activities.

Resilience

Prepare businesses and residents for the adverse impacts of climate change through education and preparedness planning.

Departmental Responsibilities.

One of the first objectives is to align Town Departments' responsibilities with the goals of the Climate Action Plan and identify any areas where municipal activities may be in conflict with the goals of the Plan.

This process will result in the incorporation of a climate strategy into the goals of every Town Department's operations and planning.

GOALS AND ACTIONS (Voted and approved by CAC 5/26/2022 EC 9/11/2023)

Purpose

To reduce the community's contribution to climate change, with a focus on ensuring our energy infrastructure is cleaner, leaner, and more resilient.

To prepare mitigation actions and adaptation strategies that respond to the anticipated effects of climate change before they occur.

Goal 1: Integrate climate change mitigation and adaptation as a focus for all Town Departments, Boards, and Committees.

1. Designate a Town staff position to coordinate with the Energy Committee and the Climate Action Committee other boards, committees, and departments as well as community groups to implement the climate change mitigation and adaptation goals set forth here.
2. Create climate change-ready standards and offer training opportunities for Town decision-makers, goal implementers, and committee members.
3. Implement the resolution passed at 2020 Town Meeting and any future related ATM Articles that requires regulatory and advisory bodies and the Town to adopt the objective of reducing Truro's net greenhouse gas emissions to zero by 2050 at the latest, and requests the Select Board to direct all departments, officers, committees boards and of the Town to take such immediate measures within the scope of their respective responsibilities and authority as may be necessary and prudent to implement this policy.
4. Create, track, and report Department-specific and measurable goals and objectives to implement and succeed with this policy.

Goal 2: Reduce the Town of Truro's non-renewable energy consumption and encourage energy conservation in order to reduce Greenhouse Gas emissions. In alignment with

Commonwealth goals, achieve a reduction of greenhouse gas emissions over 1990 levels by at least 50 % by 2030, 75 % by 2040, and 100 % (“net-zero”) by 2050.

1. Continue to identify strategies and projects that will help us reach the Green Communities Act goal of reducing non-renewable energy consumption by 20% every five years.
2. Identify and apply for Green Communities grants, proposing projects that fully maximize potential funding (\$250,000 projects).
3. Identify and implement appropriate alternative energy generation on Town properties needed to reduce town fossil fuel reliance and electric energy cost and/or add renewable energy to the regional grid to offset the future demand projected in the Massachusetts 2050 Decarbonization Roadmap
4. Reduce “peak hour” energy consumption for town buildings, including investigating the use of battery storage.
5. Measure baseline data and maintain ongoing measurement of municipal energy use and corresponding greenhouse gas emissions. (Mass Energy Insight) and use it to inform decisions on potential improvements.
6. Inform the public by creating displays of the energy use, emissions, and improvement data mentioned above. (The Truro CAC website offers one publishing opportunity.)
7. The Truro Energy Committee and the Truro Climate Action Committee will participate in Long-term Capital planning for municipal buildings, projects and properties to assist in identifying and implementing cost effective climate mitigation and adaptation actions aligned with Town and state goals
8. The Energy Committee and the Climate Action Committee will participate in Article votes and Comments on the Annual Town meeting warrant for all Articles related to Climate Change and energy conservation.
9. Investigate all alternative energy sources feasible for Truro, e.g., solar, wind, water.

Goal 3: Reduce the Truro community’s non-renewable energy consumption and encourage energy conservation for Greenhouse gas emission reductions in alignment with Commonwealth goals, i.e achieve a reduction of greenhouse gas emissions over 1990 levels by at least: 50 % by 2030, 75 % by 2040 and 100 % “net-zero” by 2050.

Note: Truro began tracking municipal emissions in 2009, whole Town emissions in 2020

Measure baseline data and maintain ongoing measurement of community energy use and greenhouse gas emissions. Continue to work toward improved data sources for information needed for the Global Covenant of Mayors, such as resident vehicle information, improved measurement techniques potential improvements to the Assessor’s database, and possible state-mandated information from utility companies

1. Promote energy conservation, greenhouse gas reduction technologies, solar panel and air-source heat pump installation for homes and businesses, partnering with Cape Light Compact and other regional municipalities and agencies
2. Promote ways homes and businesses can reduce “peak hour” consumption, including investigating the use of battery storage.

(During peak hours less efficient, higher emitting fossil fuel “peaker” plants make up the energy shortfall)

3. Inform the public by creating displays of the energy use, emissions, and our collective progress toward all of these community “net zero” goals.
4. Promote the acquisition of electric cars by residents by improving infrastructure (charging stations) and holding a promotional “electric car fair” event, perhaps jointly with neighboring towns.
5. Provide information regarding incentive programs by the Commonwealth and other entities for reducing greenhouse gas emissions.

Provide buying opportunities at reduced prices for greenhouse gas reducing technologies for consumers.

Goal 4: Encourage both Town and Community wide climate change preparedness and adaptation.

1. Create an ongoing public awareness program to inform all residents of mitigation and adaptation techniques and opportunities.
2. Update Truro’s vulnerability assessment and develop an action-oriented resiliency plan with grant support from the Massachusetts Executive Office of Energy and Environmental Affairs, *Municipal Vulnerability Preparedness (MVP) Grant Program*.
3. Build on the Town’s Hazard Mitigation Plan to reduce vulnerabilities.
4. Encourage and coordinate emergency planning at the neighborhood level.
5. Work with the Cape Cod Commission and other County entities to develop grant applications for agreed-upon mitigation actions.
6. Develop database of grant sources and collaborative grant writing partners.

Voted and approved 5/26/2022 CAC

Climate Action Committee Downloaded from CAC Dropbox 12/1/2024

2022 Goals

All actions require review and approval by the Climate Action Committee

	Goal	Assigned to	To be compl
1.	Develop a climate action plan for the town.		
2.	Promote EV Charging Stations for businesses in Truro		
3.	To draft a job description and recommend a position to the Select Board for a Climate Agent for the town of Truro and/or Outer Cape towns.		
4.	Outreach at Farmers’ Market, COA, Library, and other town events		
5.	Improve the Climate Action website		
6.	Meet with all appropriate boards and committees to identify climate change actions.		
7.	Request town government to commit to whole government approach to addressing climate change.		

8.	Assess working with the Cape Light Compact to promote energy audits.		
9.	Make Article 17 of the 2020 warrant binding in the 2022 Town Meeting		
1)			

	Goal	Resources Required
1.	Develop a climate action plan for the town.	
2.	Promote EV Charging Stations for businesses. Rebecca to work with Bob to stay focused on Topmast. Draft email and send to Emily with Eric's EV info for town to send out.	
3.	Draft job description and recommend to the Select Board for a Climate Change Agent position for Truro and/or Outer Cape towns.	
4.	Outreach at Farmers' Market, COA, Library, and other town events	
5.	Improve existing or create a new CAC website (similar to Police and School)	
6.	Meet with all appropriate boards and committees to identify climate change actions.	
7.	Request town government commit to a measurable whole government approach to addressing climate change.	
8.	Assess working with the CLC to promote energy audits.	
9.	Make Article 17 of the 2020 warrant binding in the 2022 Town Meeting.	
10.	Write one article each month for the Truro Talks newsletter	

Resources can include people, skills/expertise, funding, data, equipment, etc. Note that we're including two mailings to homeowners, two mailings to businesses, printing informational handouts, and two surveys in our budget. These are resources that can be used to complete our 2022 goals.

3A) WGA NEXT STEPS: Do we want to codify this

Warrant Article? Committee or Petitioned
Charter?
Other?

3B) CLIMATE SUMMIT?

History and suggested Climate Summit Select Board Meeting 8/8/2023

<http://trurotv.truro-ma.gov/CablecastPublicSite/show/5872?site=1>

2:00 into meeting

3C) Climate Action Plan

This is in Both Charges as well as SB goals

What is the path forward now that there is a Climate Coordinator position ?

SB goals 2023

https://www.truro-ma.gov/sites/g/files/vyhlf9766/f/uploads/fy2023_goals_and_objectives_doc_final-signed.pdf

8. *The Select Board will provide support to and collaborate with the Climate Action Committee and the Energy Committee on the goals of creating a Climate Action Plan for the Town of Truro, and researching the hiring of a Climate Action Agent, as well as to work with the Climate Action Committee to develop a policy memorandum that facilitates and guides progress in all relevant areas toward a “Net Zero Truro” by 2050, and will ask for updates at least twice per year. The Board will also revise the charges of the Energy Committee and the Climate Action Committee to incorporate the directives from Article 53 of the 2022 Annual Town Meeting.*

SB Goals 2024

14. *The Select Board will provide support to and collaborate with the Climate Action Committee and the Energy Committee on the goals of creating a Climate Action Plan for the Town of Truro, and researching the hiring of a Climate Action Agent, as well as to work with the Climate Action Committee and Energy Committee to develop a policy memorandum that facilitates and guides progress in all relevant areas toward a “Net Zero Truro” by 2050, and will ask for updates at least twice per year. The Board will also revise the charges of the Energy Committee and the Climate Action Committee to incorporate the directives from Article 53 of the 2022 Annual Town Meeting.*

Goals Addressed: A, C, D, E

Select Board Ambassador: Stephanie Rein

END DOCUMENT