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**To:** [Jonathon Idman](mailto:Jonathon.Idman@capecodcommission.org)  
**Subject:** FW: Items for the agenda of the next Climate Action Committee meeting.  
**Date:** Tuesday, September 15, 2020 10:31:27 AM  
**Attachments:** [Discussion Topics.docx](#)

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**From:** Wellfleet Representative <[wellfleet@capecodcommission.org](mailto:wellfleet@capecodcommission.org)>  
**Sent:** Thursday, September 10, 2020 2:56 PM  
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**Subject:** Items for the agenda of the next Climate Action Committee meeting.

At our next meeting, I would like to discuss the 2008 Global Warming Solutions Act, Governor Baker's 22 April Determinations under that act, and how we will respond to it.

Specifically, it sets limits on greenhouse gas emissions for Massachusetts, for 2020 (75% of 1990 levels or lower), 2030 and 2040 (TBD by the end of this year), and 2050 (zero greenhouse gas emissions). It also calls for plans to arrive at these goals. I think this needs to be the guiding principle for the RPP revision. The 2030 goal will probably be 50% and 2040 will be 75% below 1990 levels. There could be more ambitions, however.

The law also calls for individual plans/targets in various sectors (residential heating/cooling, commercial and industrial heating and cooling, transportation, etc.). I think we should discuss our approach to setting these targets/goals/action plans.

Regards,

*Dick Elkin*

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## Discussion Points for Climate Action Plan Purpose Statement:

This subcommittee's charge has three goals which should be addressed as we consider the purpose statement in the RPP. As I understand these goals, they are:

- 1) Update the RPP with goals for greenhouse gas emissions reductions
  - 2) Develop a Climate action master plan.
  - 3) Develop practices that will accomplish the goals.
- I. Greenhouse gas emission goals
    - 2030: 50% below 1990 levels
    - 2040: 75% below 1900 levels
    - 2050: net-zero greenhouse gas emissions
  - II. Climate Action Master Plan should include:
    - 1) Separate goals for
      - a. Private transportation
      - b. Public transportation
      - c. Residential Heating/Cooling
      - d. Commercial & Industrial Heating and Cooling
      - e. Exclusive Consumption of Renewable Electrical Energy
      - f. Trees, marshes, etc. as sinks of greenhouse gases
    - 2) Individual numerical targets in each category.

### III. Procedures

#### Technical Bulletins

Modification to the permitting process whereby each applicant describes how their project will achieve or contribute to zero greenhouse gases by 2050. Specifically, this applies to buildings that will last beyond 2050. For example, we should talk about how these changes would affect recently discussed topics before the Commission:

Tractor Supply - Consideration of heat pumps for HVAC, renewable energy usage.

WHOI new lab - Consideration of heat pumps for HVAC, renewable energy usage, review of non-electric energy usage

AMP Energy – Probably a statement that it produces no GHG and is a net reducer of GHG emissions

Herring River Restoration - Net reducer of GHG emissions

Bourne LCP Certification – Additional requirement for town plan on how to achieve net zero

Discussion Points for Climate Action Plan Purpose Statement:

Wilkens Campus Development Agreement - How will this achieve net-zero GHG emissions by 2050?