This is a TENTATIVE WORKPLAN; the expectation is that subjects/timing is likely to evolve depending on capabilities of subcommittee members, staff, consultant, and needs of other subcommittees.

Note: Detailed topic questions are developed in Item Specific Questions in a Separate Document.

- MODIFICATION: Updated based on comments received over the previous several weeks

<table>
<thead>
<tr>
<th>Item</th>
<th>Date</th>
<th>Task</th>
<th>Topic</th>
<th>Notes/Discussion Questions</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>4.21.21</td>
<td>Revised Work Plan Discussion</td>
<td>Work Plan</td>
<td>Discussion of Work Plan that was revised in light of 4.14.21 meeting</td>
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<td>2</td>
<td></td>
<td>GHG Inventory:</td>
<td>GHG Inventory</td>
<td>Discussion of How the Committee Should Go about answering these questions (e.g. Consultant? DEC? Presentations?)</td>
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<td></td>
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<td>- Statutory Requirements of 10 VSA</td>
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<td>582 and GWSA</td>
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<td></td>
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<td>- Key Discussion Points (see list below)</td>
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<td>3</td>
<td></td>
<td>Review Results and Assumptions – Initial,</td>
<td>LEAP Modeling, Data</td>
<td>- Is this presentation to full committee or a subset of interested folks?</td>
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<td></td>
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<td>mid-stream, final</td>
<td>Availability &amp; Use</td>
<td>- Later on, there will be an opportunity for review of scenario assumptions and results.</td>
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<td>- Energy needs forecast (BAU and after policy implemented)</td>
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<td>- Identification of data needs to improve in future, e.g.</td>
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<td>o Housing</td>
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<td>o Migration</td>
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<td>o Land use change, to include land ownership/management/development trends</td>
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<td>4</td>
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<td>Identifying the current and plausible</td>
<td>Climate Data, Modeling and Projections</td>
<td>- Data, analysis, interpretation provided by the meteorology &amp; climatology expertise on the subcommittee</td>
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<td></td>
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<td>range of climate change impacts</td>
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<td>- Collaborate with the other subcommittees on the thresholds, natural hazards/extreme events needed to fully capture climate resilience of peoples, the landscape and agricultural sectors</td>
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<td>- Overarching narrative that would</td>
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<td>- All-hazards approach will be taken</td>
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<td>appear at the beginning of the entire</td>
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<td>- Work to be done in parallel with other analyses and modelling</td>
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<td>Climate Action Plan</td>
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<td>- 2021 projections of future climate</td>
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<td>5</td>
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<td>Human dimensions and health</td>
<td>Impact of climate change on humans</td>
<td>- Air quality</td>
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<td>- Vectorborne and water borne disease</td>
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<td>- Heat-related impacts</td>
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<td>- Mental health</td>
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<td>- Ability and/or capacity to adapt to climate change</td>
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| Page 6 | Social Cost of Carbon | Social Cost of Carbon Cost benefit analysis | - Appropriate discount rate to be used  
- Where draw the boundaries for cost-effectiveness screening  
- Energy Burden analysis  
- Co-benefits/costs of GHG emissions and emissions reductions strategies |
| --- | --- | --- | --- |
| Page 7 | Begin Develop monitoring and assessment strategy to be used to assess program effectiveness and progress toward meeting the requirements of the GWSA | Evaluation, Tracking, Monitoring Strategy | Begin to develop, or establish the process to develop, data governance protocols.  
- How will data be managed, catalogued, collected?  
- Who is responsible for keeping track of authoritative sources across datasets? |
| Page 8 | Drafting Report – pulling pieces together | Report Drafting | Actively drafting or reviewing drafts? |

**GHG Inventory Key Discussion Items and Questions**

For Discussion

- DEC discuss the difference between 10 VSA 582 (GHG inventories; registry) and the GWSA requirements
- Discussion of inventory types (“production” based (current), lifecycle, consumption based)
  - What data is needed for each type of inventory, and what are the resources necessary to collect such data?  
  - How would inventory be used in Vermont?
- Discussion of other jurisdictions data/methods for their inventories through time.
  - Is it important to have consistency in reporting across states?
- What methodological guidance should considered?  
  - IPCC 2006 guidelines and 2019 refinement,  
  - state statute (10 V.S.A. § 582),  
  - EPA National Inventory methods for US Greenhouse Gas Emissions and Sinks  
- Discussion of Gross and Net emissions, Biogenic CO2, land-use, land use change, and forestry (LULUCF) and a carbon budget
- Discussion of GWP values 100 year vs. 20 year
- Discussion of policy tracking versus inventory calculations
- Sector or technology specific topics, for example:
  - REC accounting (hourly vs annual emissions),  
  - hydro-electricity,  
  - Biomass  
  - VMT vs fuel sales  
  - Natural Gas
Also, as discussed at the last meeting, DEC is willing to provide an abbreviated written summary of the Climate Methodology, however it may take 2-3 weeks to complete. Something high level may be available sooner. Some limited information on methodologies is available in the 1990 – 2014 comprehensive report (although pieces of that have changed/are changing). DEC can produce a more comprehensive but fairly high level methodology document in the next couple of weeks – this could be better informed by discussion in the meantime.

All of this is in service of the following question:

- Does the Committee further recommendations for revising or supplementing the Climate Inventory with other methodologies or analyses?
  - What resources would be necessary to complete such work?

It is expected that the technical consultant, working in coordination and collaboration with the DEC, would provide input and recommendations to the Committee.