

## Proposed Work Plan/Meeting Schedule – Buildings, Infrastructure & Housing (BIH) 2024

### *BIH– Overview of the issues and task*

The Buildings, Infrastructure, and Housing Working Group will evaluate and recommend short- and long-term mitigation strategies to reduce gross and net annual greenhouse gas emissions from buildings, infrastructure, and housing, as well as evaluate and recommend short- and long-term strategies and actions for adaptation and resiliency to climate change.

As part of the update to Maine’s Climate Action Plan, the BIH WG will develop recommendations to help Maine continue its progress in weatherization and heating system efficiency, advance energy efficient building codes, and manage the impact of building loads on the grid. In particular, the BIH WG will focus on recommendations in key sectors: low to moderate income customers, affordable housing, and public buildings. The BIH WG will work with other WGs on issues of demand management and workforce capacity.

The BIH WG will use *Maine Won’t Wait* as a starting place for this work and strive for a limited number of recommended measurable strategies and actions.

### *Structuring a set of six priority conversations:*

1. Filling the gap in financing for energy efficiency projects
  - Review available financing mechanisms and potential new mechanisms for:
    - Residential, particularly low and moderate income (LMI) and the oldest and poorest quality housing stock
    - Deeper energy retrofits
    - Schools and other public sector buildings
2. Advancing clean, resilient, energy efficient new buildings
  - Building code adoption, trainings, and implementation
    - Exploring zero-emission building equipment standards
    - Addressing market barriers to using more climate-friendly building products
  - Enhancing resilience through siting, systems, materials, and construction (*in collaboration with the Community Resilience Working Group*)
  - Continue improving energy efficiency in affordable and moderate-income housing
3. Managing the impact of building loads on the grid (*in collaboration with the Energy and Transportation Working Groups*), including:
  - Advances in technology that can help manage building loads
  - Incentive programs that encourage the use of flexible loads (residential and commercial)

- Barriers to implementing effective demand management
- 4. Reducing emissions from industrial sources
  - Process emissions
  - Energy emissions
- 5. Continuing progress of weatherization and heating systems
  - Revisit targets for heat pumps and weatherization in light of recent progress and new streams of funding
- 6. Building a clean energy workforce (with other working groups)

Throughout this work, the BIH WG will continue to work with GOPIF and the University of Maine Mitchell Center to identify priority populations that the WG needs to hear from, and integrate findings from outreach to these priority populations into the final BIH recommendations.

### Summary Meeting Schedule

Meeting Date	Topic
Friday 1/19/2024(9a m-1pm)	In person (Augusta): <b>Demand Management Workshop</b> (with Energy and Transportation WGs)
Monday 1/22/2024 (2pm-5pm)	In person (EMT office, Augusta): <b>Outlining priority conversations + Filling financing gaps</b> <ul style="list-style-type: none"> <li>● Existing programs and stakeholder processes related to buildings</li> <li>● Review draft priority population outreach plan with Mitchell Center</li> <li>● Filling the gaps in financing for energy efficiency projects</li> </ul>
Monday 2/12/2024 (2pm-5pm)	In person (Southern Maine): <b>Advancing clean, resilient, energy efficient new buildings</b> <ul style="list-style-type: none"> <li>● <i>Tentative</i>: Field trip to affordable housing/passive house and/or mass timber project</li> <li>● Advancing energy efficiency in new buildings</li> </ul>
Friday 3/15/2024 (9am-11am)	<i>Tentative</i> : <b>Building a clean energy workforce</b> <ul style="list-style-type: none"> <li>● Review workforce potential strategies and actions (with Energy and Transportation WGs)</li> </ul>
Wednesday 3/20/2024 (2pm-5pm)	In person (Bangor/Orono): <b>Industrial emissions + Continuing progress on weatherization and heating</b> <ul style="list-style-type: none"> <li>● Building on work of the Industrial Emissions Task Force</li> <li>● Reviewing and updating targets related to heating and weatherization</li> <li>● Sharing small group research and recommendations</li> </ul>
Friday 3/29/2024 (9am-11am)	<i>Tentative</i> : <b>Regroup on demand management</b> (with Energy and Transportation WGs)

Friday 4/26/2024 (9am-12pm)	In person (Western Maine): <b>Review of draft strategies and actions, targets</b>
May	To be determined