



## Task Force on Resilient Efficient Building

### Meeting Summary

81st Legislative Assembly

2021-2022 Interim

<b>Attendees</b>	Senator Kate Lieber, Co-Chair Representative Pam Marsh, Co-Chair Senator Lynn Findley Representative Mark Owens Neil Baunsgard Andrew Beyer Alex Boetzel Don Bohn Anjeanette Brown Ashley Buchanan Meredith Connolly Chris Forney	Mike Goodrich Jay Hansen Kim Heiting David Heslam Bob Jenks Scott Linfesty Jeff McGillivray Tricia Mooney Jairaj Singh Eli Spevak Matt Tidwell Lucy Vinis Bob Westerman
<b>Absent</b>	Ernesto Fonseca Elliott Gall	
<b>Date/Time</b>	3:00 pm, Tuesday, June 14, 2022 ( <a href="#">recording</a> ).	
<b>Meeting Topics</b>	<b>Welcome and Agenda Review</b> <ul style="list-style-type: none"><li>• Process Update</li></ul> <b>Building Energy Efficiency and Decarbonization Policies and Programs: Recap and Task Force Discussion of Policy Areas</b> <ul style="list-style-type: none"><li>• Purpose of Today's Meeting: Review Policy and Program Options</li><li>• Key Questions</li><li>• Policy Buckets<ul style="list-style-type: none"><li>○ Existing Buildings</li><li>○ New Buildings</li><li>○ Institutional Buildings</li><li>○ Financial Tools and Incentives</li></ul></li><li>• Reminder of additional benefits called for in Senate Bill 518, 2022.</li><li>• Existing Buildings<ul style="list-style-type: none"><li>○ Performance-Based Standards</li><li>○ Benchmarking and Disclosure</li><li>○ Focus on Older Homes</li><li>○ Change Direction to Energy Trust of Oregon on Mission</li><li>○ Align Energy Efficiency Programs with State's Climate Goals</li></ul></li></ul>	



- Online Database of Time of Use Rates and Carbon Emissions
- Compare Hybrid Model to All Electric Model
- Building Electrification Study
- New/Existing Buildings – Appliance Efficiency
  - Hybrid Heating
  - Reduce Electric Resistance Heating
  - Appliance Standards in Context of Natural Replacement
  - Remove Barriers to Customer Choice in Efficiency Programs
  - Smart Appliance Standard/Using Technology to Manage Consumption
  - Subsidize High Efficiency Heat Pumps
  - Create a Zero nitrogen oxides appliance standard
- New Buildings
  - Guide Builders and Designers
  - Building Performance Standards
  - Allow Jurisdictions to Adopt Building Codes
  - Require EV-Ready Commercial and Multifamily Developments
  - Embodied Carbon of Building Materials
  - Limit Greenhouse Gas Emissions by Square Foot
  - Building Code Adoption Process and Suggested Changes
    - Energy Code Board
    - Carbon vs. Energy as a Metric
    - Integrate Greenhouse Gas Reduction, Climate Mitigation, and Resilience Considerations
    - Consider Health Impacts
    - Individual Building Codes
    - Encapsulate Oregon’s Executive Order Goals for Codes via Legislation
    - Nothing, Codes are on Track
- Institutional/Public Buildings
  - Examine and Report on Concrete Procurement
  - Standards for Public Buildings
  - Ensure Public Buildings “Walk the Talk”
  - Utilizing Technology to Drive Energy Efficiency Savings

**Public Comment: Building Decarbonization Policies and Programs**



<p><b>Task Force Member - Issues Discussed</b></p>	<ul style="list-style-type: none"> <li>• Emission reduction goals and Task Force process</li> <li>• Performance based standard with focus on commercial buildings</li> <li>• Co-benefits: renters and low-income people by focusing on older homes,</li> <li>• Task Force outcomes and incentives should be accessible to the entire state</li> <li>• Direction to the Energy Trust of Oregon in regard to appliance replacement and greenhouse gas emissions rather than energy reduction</li> <li>• Allow consumers access to information to make better decisions</li> <li>• Standard lifecycle replacements of appliances to more fuel-efficient version</li> <li>• Required disclosure of performance standards for heating, cooling, and appliance equipment by all utilities and contractors</li> <li>• Incentivize increased appliance efficiencies regardless of fuel source</li> <li>• Time of use database would allow marketplace to innovate</li> <li>• Example of hybrid tariff in Quebec to address peak capacity constraints</li> <li>• Greenhouse gas emissions as metric would allow policies to be fuel agnostic and be more easily understand by public</li> <li>• Operational energy for embodied carbon</li> <li>• Issues to consider when considering adopting multiple building codes</li> <li>• Targeting older existing buildings</li> <li>• Examples of alternative choices that have been made in other building codes</li> <li>• Outcomes of integrating reducing GHG emissions as outcome of building codes</li> <li>• Limiting the global warming potential (GWP) of refrigerants to 750 GWP</li> <li>• Point system for residential building codes rather than bundled system</li> <li>• Connected to tiered incentives to point system</li> </ul>
<p><b>Meeting Materials (OLIS)</b></p>	<p><a href="#">Joint Task Force on Resilient Efficient Buildings Presentation</a>  <a href="#">Building Decarbonization Policies and Programs Witness Registration</a>  <a href="#">Building Decarbonization Policies and Programs - Jason Vosburgh Testimony</a>  <a href="#">Building Decarbonization Policies and Programs - Northwest Energy Efficiency Council Testimony</a>  <a href="#">Building Decarbonization Policies and Programs - Pat DeLaquil Testimony</a>  <a href="#">Building Decarbonization Policies and Programs - Ruth Dallas Testimony</a>  <a href="#">Building Decarbonization Policies and Programs - Wendy Woods Testimony</a></p>



	<a href="#"><u>Building Decarbonization Policies and Programs - Wendy Woods Testimony</u></a>
	<a href="#"><u>2</u></a>
	<a href="#"><u>Building Decarbonization Policies and Programs - Zach Mulholland</u></a>
	<a href="#"><u>Testimony</u></a>
	<a href="#"><u>Jamboard Policy and Program Suggestions</u></a>
	<a href="#"><u>Resilient Efficient Buildings Policy Alternatives to Sprinklers for Buildings -</u></a>
	<a href="#"><u>Eli Spevak</u></a>
	<a href="#"><u>Resilient Efficient Buildings Policy Idea Taller 1-Stair Buildings - Eli Spevak</u></a>
	<a href="#"><u>Other States' Policy Comparison</u></a>
	<a href="#"><u>Zero Emissions Building Plan - City of Vancouver, British Columbia Article</u></a>