The Intersection of Energy Codes and Building Performance Standards
How familiar are you already with Building Performance Standards?
What resources would be most beneficial to help align state or local energy codes and BPS?

<table>
<thead>
<tr>
<th>MONEY</th>
<th>Legal authority to adopt</th>
<th>analysis of metrics options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code ready language for adoption/ modification</td>
<td>Performance-based energy code compliance</td>
<td>technical guide, BPS reporting and compliance software</td>
</tr>
<tr>
<td>Information about adoption and enforcement (Help AHJs with inspection and enforcement)</td>
<td>Legal issues</td>
<td>living labs / surveys</td>
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</table>
**What resources would be most beneficial to help align state or local energy codes and BPS?**

<table>
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<tr>
<th>Not Sure</th>
<th>standardization of energy-to-carbon conversion</th>
<th>Proposals that integrate BPS into the model codes.</th>
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<tbody>
<tr>
<td>embodied carbon resources</td>
<td>Training and Certification Programs</td>
<td>Costs of measures</td>
</tr>
<tr>
<td>Lesson Learned from Colorado</td>
<td>more details on normalization and metrics</td>
<td>technical and financial support</td>
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</tbody>
</table>
What resources would be most beneficial to help align states or local energy codes and BPS?

- Policy examples, resources
- Online comparison tools
- How to establish targets to ensure new buildings can meet BPS
- How to go around state preemptions
- Validated building data, EM/VT data describing components/attributes, operating performance data
- Most popular strategies for meeting BPS
- Federal government should not get involved in influencing codes. States should act independently. Work through I-code-ready language
What resources would be most beneficial to help align state or local energy codes and BPS?

- Better support for performance based code
- Comcheck/ResCheck integration to facilitate review and approval of plans
- Enforcement training
- Research connecting energy measures and cost/outcome
- Analysis of current state-specific data in Energy Star already
- Affordable tools for compliance
- Technical EE support how to achieve
- Uniform enforcement
- Training!
**What resources would be most beneficial to help align state or local energy codes and BPS?**

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<tr>
<th>Metrics</th>
<th>Information about carbon vs energy vs other metrics</th>
<th>Methods of merging energy codes (for new construction) with BPS (for regulation of existing buildings and the broader stock).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not sure.</td>
<td>Targeted TA - at the state level, everyone is stretched too thin. Automated processes</td>
<td>Iterative pilot resources/TA</td>
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<tr>
<td>Simplify, rather than make codes more complex to increase potential use.</td>
<td>Provide more information on the 4 items that would help with alignment with energy costs -- particularly metrics</td>
<td>Case studies on buildings complying with BPS and energy measures to achieve compliance</td>
</tr>
</tbody>
</table>
What resources would be most beneficial to help align state or local energy codes and BPS?

- Free trainings
- Code overlay language
- Overcoming pushback from building owners
- Costs
- Coordinate a single source.
- Let the states decide
- Impact of current code on Esul
- Case studies in applying BPS to commercial buildings
- Lack of capacity in the electrical grid
What resources would be most beneficial to help align state or local energy codes and BPS?

- Training and certification programs
- Building energy/carbon simulation models
- Gaps between existing building metrics and new (modelled vs. actual)
- Website with all information
- Incentives

Common metrics (e.g., EUI or GHG) between building energy codes and BPS: they should share a common set of energy targets and means of measuring performance. New buildings will theoretically be higher performing, but should share same scale/goals.
In your opinion, what is the most difficult thing to address when aligning BPS and energy codes?
If your jurisdiction is in process/recently adopted a BPS, did they discuss energy code and BPS alignment?

- Yes: 21
- No: 14
- Don't know: 33
- Not applicable: 32