HOW TO ACHIEVE ZERO CARBON OPERATIONS FOR NEW BUILDINGS

Building operations account for 27% of the world's CO2 emissions, but we can change that. The building requirements and smart policy solutions below are what’s needed to achieve **zero operating carbon buildings** that use all-electric systems powered by clean energy. Here’s the winning combo of solutions for new buildings.

<table>
<thead>
<tr>
<th>BUILDING REQUIREMENTS FOR ZERO OPERATING CARBON IN NEW BUILDINGS</th>
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<tbody>
<tr>
<td>Optimize Efficiency</td>
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| POLICY SOLUTIONS FOR ZERO OPERATING CARBON IN NEW BUILDINGS |

- **OPTIMIZE EFFICIENCY**
  - Adopt the most stringent building energy code possible:
    - Latest model code (2021 IECC/ASHRAE 90.1-2022)
    - or
    - Stretch code

- **REQUIRE RENEWABLE ENERGY**
  - Pass renewable energy policies for buildings to reach 100% renewable energy through:
    - On-site Renewable Energy Generation
    - and/or
    - Offsite Renewable Energy Procurement*  

- **REQUIRE ELECTRIFICATION**
  - Pass policies to reach 100% electrification through:
    - Electric Space Heating
    - Electric Water Heating
    - and
    - Electric Appliances

*Click here for more information about renewable energy procurement policy pathways for buildings.