Energy Trust New Buildings
Cash Incentives and Resources
About Energy Trust
Who we are

Energy Trust is an independent nonprofit dedicated to helping 1.5 million utility customers invest in energy efficiency and clean, renewable power.

We provide:
- Information
- Technical services
- Engineering studies
- Cash incentives
- Contractor connections
What we do

548 average megawatts saved

119 aMW generated

45M annual therms saved

17.4M tons of carbon dioxide avoided

Enough energy to power

513,000 homes and heat

89,000 homes for a year
Who we work with

Residential

Commercial

Industrial / Agricultural
The territories we serve
About Incentives for New Construction & Major Renovations
Projects served:

- New construction
- Major renovation
- Tenant build-out
- Additions or expansions
How we work together

Cash incentives to help free up budget for more inspiring designs

Support for additional studies and energy modeling

Outreach managers to help guide you through every step of the process
Assistance for all stages of your project

- Design
- Solar planning
- Installation + construction
- Completion + post-occupancy
Packaged offers to get you on the right track
Reynolds School District
Fairview, Troutdale and Wilkes elementary schools

• Path to Net Zero

• Advanced daylighting
• Improved wall, roof and glazing assemblies
• Efficient HVAC and domestic hot water
• Efficient LED lighting
• Net zero ready with solar ready design

• $135,000 in Energy Trust incentives
• 600 annual therms saved
• 275,000 annual kWh saved
• $21,500 est. annual energy cost savings
What does it take to get on the path?

- Set an Energy Use Intensity, EUI, target that aligns with the Architecture 2030 Challenge
- Achieve that target through a combination of efficiency and renewable energy strategies

<table>
<thead>
<tr>
<th>2030 Challenge Year</th>
<th>% Savings over CBECS (Commercial Buildings Energy Consumption Survey)</th>
<th>Estimated Savings over CBSA (Commercial Building Stock Assessment)</th>
<th>Estimated Savings over OEESC 2010/2014 (Oregon Energy Efficiency Specialty Code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>70%</td>
<td>66%</td>
<td>40%</td>
</tr>
<tr>
<td>2020</td>
<td>80%</td>
<td>77%</td>
<td>60%</td>
</tr>
<tr>
<td>2025</td>
<td>90%</td>
<td>89%</td>
<td>80%</td>
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<tr>
<td>2030</td>
<td>100% (Net Zero)</td>
<td>100%</td>
<td>100%</td>
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</table>
It all adds up to zero

- Increased incentives for early design, technical assistance, installation and post-occupancy
- Technical resources and assistance from kick-off through occupancy
- Incentives for net-zero certification
Path to Net Zero

- Increased incentives for early design, technical assistance, installation and post-occupancy
- Technical resources and assistance from start to finish
- Incentives for net-zero certification
A New Buildings outreach manager will meet with the project team to establish an initial Energy Use Intensity, EUI, target and energy-efficient design strategies.

- Early Design Assistance – Up to $10,000 to offset the cost of a design charrette
- Construction Document Review – Energy Trust will review construction documents to ensure they align with the target and strategies set during kick-off and planning
Path to Net Zero incentives + resources

Energy Trust will pay 75% of the cost of energy studies, up to $50,000. Studies may include, but are not limited to:

- Early design shoebox modeling
- Computational fluid dynamics (CFD) analysis
- Daylighting studies
- Energy modeling
- Commissioning design review
### Path to Net Zero incentives + resources

<table>
<thead>
<tr>
<th>Early design assistance</th>
<th>▪ Modeled Savings – $0.40 per kWh and $1.20 per therm</th>
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<tbody>
<tr>
<td>Technical assistance</td>
<td>▪ Standard and/or special measure incentives</td>
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<tr>
<td>Solar ready</td>
<td>○ Lighting and lighting controls</td>
</tr>
<tr>
<td>Installation incentives</td>
<td>○ HVAC equipment</td>
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<tr>
<td>Completion + post-occupancy</td>
<td>○ Domestic hot water</td>
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<td>Net-zero certification</td>
<td>○ High-performance windows</td>
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<td></td>
<td>○ Water saving devices</td>
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<tr>
<td></td>
<td>○ Grocery and foodservice equipment</td>
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<td>○ Multifamily and lodging equipment</td>
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Path to Net Zero incentives + resources

- Functional Testing (required) – $0.15 per square foot, up to $40,000
- Energy Metering – 50% of the cost of energy metering, up to $40,000
Path to Net Zero incentives + resources

Energy Trust covers 50 percent of the cost of net-zero certification from the International Living Future Institute (ILFI) including the application fee.
Thank You

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