Funding the Future:
The Impact of Federal Clean Energy Investments

Friday, April 12, 2024

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Friday, April 12, 2024
Energy Efficiency and Renewable Energy

<table>
<thead>
<tr>
<th>$ in thousands</th>
<th>FY2023 Enacted (Comp)</th>
<th>FY 2024 Enacted</th>
<th>FY 2025 Request</th>
<th>Delta ($) FY 2025 to FY 2024</th>
<th>Delta (%) FY 2025 to FY 2024</th>
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</thead>
<tbody>
<tr>
<td>Office of Energy Efficiency &amp; Renewable Energy</td>
<td>2,891,000</td>
<td>2,891,000</td>
<td>3,118,000</td>
<td>227,000</td>
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This Request highlights DOE and EERE mission critical investments:

- The FY25 budget request highlights EERE’s RDD&D priorities across five economic sectors with the goals of strengthening the energy workforce, reducing costs to consumers, and achieving net-zero carbon emissions by 2050.
- EERE is not just an R&D or technology office – it is a nucleus of economy-wide cost-reduction and decarbonization efforts.
- We are working with new partners and communities to bridge the innovation gap, scaling up new technologies and ensuring that the clean energy transition leaves no one behind and benefits every community.

EERE Program Priorities

- Decarbonize the electric grid by 2035
- Decarbonize energy-intensive industries
- Decarbonize transportation across all modes
- Reduce the carbon footprint of buildings
- Decarbonize the agricultural sector

Environmental and Energy Justice

Workforce Development

Diversity in STEM

State and Local Partnerships
Energy Efficiency and Renewable Energy

This Request builds on FY 2024 investments with key changes that further RDD&D for net-zero greenhouse gas emissions goals:

- Achieves **technology cost and performance targets** to drive widespread adoption of innovative technologies for all Americans
- Prioritizes continued innovation in emerging technologies like **offshore wind and geothermal** that allow the U.S. to generate all electricity from clean, renewable sources
- Ensures an **affordable, reliable, and resilient power system** by addressing challenges in adding new renewable energy and increased demand from broad-scale electrification
- Advances **energy efficient and innovative industrial processes** to produce the materials and goods Americans use every day
- Supports manufacturing for the clean energy devices and technologies we need today, **helping to grow the domestic manufacturing economy**
- Provides Americans with more cost-effective, low-emission transportation options across all modes
- Expands opportunities for **rural and remote communities**, a **diverse workforce** across the value chain of the energy economy, and **STEM students** at schools across the nation

### EERE Programs ($K)

<table>
<thead>
<tr>
<th></th>
<th>FY2023 Enacted (Comp)</th>
<th>FY 2024 Request</th>
<th>FY 2025 to FY 2024</th>
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<td>Sustainable Transportation</td>
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<td>Vehicle Technologies</td>
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<td>Hydrogen and Fuel Cell Technologies</td>
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<td>Renewable Energy</td>
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<td>Solar Energy</td>
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<td>Water Power</td>
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<td>Geothermal Technologies</td>
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<td>Advanced Materials &amp; Manufacturing Technologies</td>
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<td>Industrial Efficiency &amp; Decarbonization</td>
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<td>EERE Total</td>
<td>2,891,000</td>
<td>2,891,000</td>
<td>3,118,000</td>
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*Note: Projection includes research support to the Federal Buildings Fund for the Federal Buildings Decarbonization Program, to be implemented through the Federal Energy Management Program.

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