The U.S. Nuclear Industry Council (USNIC) is the leading U.S. business advocate for increased nuclear energy use and global deployment of U.S. advanced nuclear technologies and services.

USNIC represents over 80 companies engaged in nuclear innovation and supply chain development, including technology developers, manufacturers, construction engineers, key utility movers, and service providers.

USNIC is based in Washington, DC, and actively works with industry, the U.S. federal government (including the U.S. Department of Energy, the Nuclear Regulatory Commission, and the U.S. Congress), and other domestic and international organizations to support rapid nuclear development.
An entrepreneurial, young, strategic nonprofit, **ClearPath’s (501(c)(3)) vision** is that America leads in addressing climate change by developing innovative, market-competitive clean energy technologies. **ClearPath’s mission** is to develop and advance conservative policies to address climate change by accelerating clean energy innovation. To advance that mission, we develop cutting-edge policy and messaging, educate policymakers, and collaborate with academics and industry. ClearPath’s sister organization, **ClearPath Action, a C4 non-profit, advocates** for legislation, administrative action, and policy change in line with our principles - small government, free markets, environmental stewardship, and American entrepreneurship.
Vision: America leads the world in addressing climate change by developing innovative, market-competitive clean energy technologies.

Mission: Develop and advance conservative policies to accelerate clean energy innovation.
“displacing a unit of carbon-emitting energy generation at stricter carbon constraints becomes much more expensive when nuclear is not an option.”

“without new construction, nuclear power can only provide temporary support for the shift to cleaner energy system.”

50 gCO2/kWh
<table>
<thead>
<tr>
<th>Company</th>
<th>Goal</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alliant Energy</td>
<td>80% by 2050</td>
<td>Madison, Wisconsin</td>
</tr>
<tr>
<td>Ameren Missouri</td>
<td>80% by 2050</td>
<td>St. Louis, Missouri</td>
</tr>
<tr>
<td>AEP Electric Power</td>
<td>80% by 2050</td>
<td>Columbus, Ohio</td>
</tr>
<tr>
<td>Consumers Energy</td>
<td>Net-zero by 2040</td>
<td>Jackson, Michigan</td>
</tr>
<tr>
<td>Duke Energy</td>
<td>Net-zero by 2050</td>
<td>Charlotte, North Carolina</td>
</tr>
<tr>
<td>DTE Energy</td>
<td>Net-zero by 2050</td>
<td>Detroit, Michigan</td>
</tr>
<tr>
<td>Dominion Energy</td>
<td>&gt;80% by 2050</td>
<td>Richmond, Virginia</td>
</tr>
<tr>
<td>National Grid</td>
<td>80% by 2050</td>
<td>Waltham, MA</td>
</tr>
<tr>
<td>Los Angeles Department of Water &amp; Power</td>
<td>65% RPS by 2036</td>
<td>Los Angeles, California</td>
</tr>
<tr>
<td>Southern Company</td>
<td>“Low to no” by 2050</td>
<td>Atlanta, Georgia</td>
</tr>
<tr>
<td>Oxy</td>
<td>Carbon neutral</td>
<td>Houston, Texas</td>
</tr>
<tr>
<td>Xcel Energy</td>
<td>100% clean by 2050</td>
<td>Minneapolis, Minnesota</td>
</tr>
</tbody>
</table>
Public utilities are making bold goals to lower their carbon emissions.

19 of the 48 goals are for net zero, or carbon free, power by 2050.

Of all electricity customer accounts in the country are now served by a utility with a significant carbon emissions goal.

Source: Smart Electric Power Alliance
Recent Nuclear Announcements

- Oklo Aurora
  Idaho National Laboratory
  License Application

- DoD SCO Microreactor Program Awards

- NRC Early Site Permit and EPZ Rulemaking
  Clinch River, TN

- General Electric Hitachi
  BWRX-300 Licensing

- DOE Demonstration Program Request for Information

- Energy Northwest Zero Emission Study
115th Congress Legislative Victories

Nuclear Energy Innovation and Capabilities Act
- Nuclear Reactor Innovation Center
- Versatile Test Reactor
- Advanced Nuclear Energy Licensing Cost-Share program

45J Advanced Nuclear Production Tax Credit
- $18/MWh annual production tax credit
- Applies to the first 8 years of operation
- 6000 MW of new American nuclear power eligible

Nuclear Energy Innovation and Modernization Act
- Streamlines regulatory framework for advanced reactors
- Establish metrics and milestones for licensing and other regulatory actions
**Signature 116th Congress Legislative Initiatives**

<table>
<thead>
<tr>
<th>Policy Initiatives</th>
<th>Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Sector Innovation Credit (H.R.5523)</td>
<td>Creates a new “technology neutral” tax incentive that facilitates investment in innovative new clean energy technologies.</td>
</tr>
<tr>
<td>Nuclear Energy Leadership Act (S.903/H.R.3306)</td>
<td>Establishes a federal RD&amp;D goal to demonstrate 2 new private advanced reactor concepts by 2025 and 2-5 more by 2035.</td>
</tr>
<tr>
<td>Nuclear Energy Renewal Act (S.2368)</td>
<td>Support advanced fuel technology research and development and preserve existing U.S. nuclear facilities.</td>
</tr>
</tbody>
</table>

**FY2020 Appropriations**

- $230 million: Advanced Reactor Demonstration program
- $20 million: National Reactor Innovation Center
- $100 million: Advanced Small Modular Reactors
- $65 million: Versatile Test Reactor
- $20 million: Advanced Reactor Technologies P3s
- $95 million: Advanced Technology Fuels
- $30 million: TRISO fuel and graphite qualification
- $8+ million: High Assay Low Enriched Uranium (HALEU) Development
- $70 million for the DOD Microreactor program
- $110 million: Nuclear Thermal Propulsion