The American Journey on Climate: Followers or Leaders?

Ambassador Rufus Gifford, September 22, 2021
Copenhagen Denmark
GEORGE W. BUSH: Kyoto and 2005 wasn’t very long ago.
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OBAMA: Rejoining the world and leading by example

THE CLEAN POWER PLAN

The Clean Power Plan sets achievable standards to reduce carbon dioxide emissions by 32 percent from 2005 levels by 2030. By setting these goals and enabling states to create tailored plans to meet them, the Plan will:

PROTECT THE HEALTH OF AMERICAN FAMILIES. IN 2030, IT WILL:

- Prevent up to 3,600 premature deaths
- Prevent 1,700 non-fatal heart attacks
- Prevent 90,000 asthma attacks in children
- Prevent 300,000 missed workdays and schooldays

SAVE THE AVERAGE AMERICAN FAMILY:

- Nearly $85 a year on their energy bills in 2030
- Save enough energy to power 30 million homes in 2030
- Save consumers $155 billion from 2020-2030

BOOST OUR ECONOMY BY:

- Leading to 30 percent more renewable energy generation in 2030
- Creating tens of thousands of jobs
- Continuing to lower the costs of renewable energy
OBAMA: Rejoining the world and leading by example
TRUMP: Windmill Cancer and rollbacks

Trump Administration Reversed 100 Environmental Rules
Count of environmental rollbacks begun and completed, as of July 2020

- Rollbacks completed
- Rollbacks in process

<table>
<thead>
<tr>
<th>Category</th>
<th>Completed</th>
<th>In Process</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air pollution and emissions</td>
<td>19</td>
<td>8</td>
<td>27</td>
</tr>
<tr>
<td>Drilling and Extraction</td>
<td>11</td>
<td>8</td>
<td>19</td>
</tr>
<tr>
<td>Infrastructure and planning</td>
<td>12</td>
<td>1</td>
<td>13</td>
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<tr>
<td>Animals</td>
<td>11</td>
<td>1</td>
<td>12</td>
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<td>Water pollution</td>
<td>4</td>
<td>7</td>
<td>11</td>
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<tr>
<td>Toxic substances and safety</td>
<td>6</td>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>5</td>
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Source: NY Times
TRUMP: Windmill Cancer and rollbacks

Source: NY Times
Massachusetts released its Clean Energy and Climate Plan in 2015. The updated plan details policies necessary to achieve the state’s goal of reducing GHG emissions 25% below 1990 levels by 2020 and 80% below 1990 levels by 2050. Key policies include increasing imported hydroelectric and wind power from northern New England, implementing more advanced green building codes, and retiring coal-fired power.
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**Florida**

**DESCRIPTION**
Florida released its **Energy and Climate Action Plan** in 2008. The plan includes policy recommendations to help the state reach its goal of reducing emissions to 1990 levels by 2025 and 80% below 1990 levels by 2050. Key aspects include restoring forests, improving power plant efficiency, and developing a cap-and-trade program.
U.S. State Climate Action Plans

STATUS

- DESCRIPTION

  • California released its latest Climate Change Scoping Plan in 2017. The plan outlines actions to help the state meet its GHG reduction goal of 40% below 1990 levels by 2030. Key recommendations in the scoping plan include attaining a 50% renewable portfolio standard by 2030, doubling energy efficiency by 2030, and continuing the cap-and-trade program through 2030. Prior to 2017, California released its last scoping plan in 2014.

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CITIES AND STATES
Michigan released its Climate Action Plan in 2009. It recommends specific policies and actions to achieve in-state GHG emissions reductions of at least 20% below 2005 levels by 2020 and 80% below 2005 levels by 2050. Key state recommendations include increasing the use of nuclear energy, establishing a cap-and-trade program, and protecting agricultural land and forests.

In 2015, the updated plan was necessary to achieve the goals of reducing GHG emissions 25% by 2020 and 80% below 2005 levels by 2050. Key policies include offshore wind power from northern New England, implementing more advanced green technology, and improving energy efficiency for buildings.

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Tracking Biden’s environmental actions

<table>
<thead>
<tr>
<th>New Biden policies</th>
<th>Status of Trump policies</th>
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<tbody>
<tr>
<td>24 Added</td>
<td>42 Overturned</td>
</tr>
<tr>
<td>23 Proposed</td>
<td>73 Targeted</td>
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<tr>
<td></td>
<td>122 Not yet targeted</td>
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FACT SHEET: President Biden Sets 2030 Greenhouse Gas Pollution Reduction Target Aimed at Creating Good-Paying Union Jobs and Securing U.S. Leadership on Clean Energy Technologies

APRIL 22, 2021 • STATEMENTS AND RELEASES
BIDEN: Historic Leadership
• **Invest in infrastructure and innovation.** America must lead the critical industries that produce and deploy the clean technologies that we can harness today – and the ones that we will improve and invent tomorrow.

• **Fuel an economic recovery that creates jobs.** We have the opportunity to fuel an equitable recovery, expand supply chains and bolster manufacturing, create millions of good-paying, union jobs, and build a more sustainable, resilient future.

• **Breathe clean air and drink clean water and advance environmental justice.** We can improve the health and well-being of our families and communities – especially those places too often left out and left behind.

• **Make it in America.** We can bolster our domestic supply chains and position the U.S. to ship American-made, clean energy products — like EV batteries — around the world.