Clean Energy National Online Survey

Key findings from a national online survey of 1,000 likely voters, conducted October 5-8, 2020.
Methodology

Public Opinion Strategies is pleased to present the key findings from an online survey of 1000 likely voters nationwide, conducted October 5-8, 2020, with a confidence interval of ±3.53%.

Glen Bolger was the principal researcher. Gabe Imber was the project director, and Carson F. Nicholas provided analytical support.
Political Environment
Voter optimism is at a low ebb.

“Would you say that things in the country are going in the right direction, or have they pretty seriously gotten off on the wrong track?”

RCP National Average

<table>
<thead>
<tr>
<th></th>
<th>Right Direction</th>
<th>Wrong Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vote Date</td>
<td>11/16</td>
<td>2/18</td>
</tr>
<tr>
<td>Right Direction</td>
<td>29%</td>
<td>38%</td>
</tr>
<tr>
<td>Wrong Track</td>
<td>63%</td>
<td>56%</td>
</tr>
</tbody>
</table>

Clean Energy National Online Survey – October 5-8, 2020
A majority of GOPers remain optimistic, while Inds and Dems remain pessimistic.

National Mood Trend by Party

Total GOP (39%)

<table>
<thead>
<tr>
<th></th>
<th>11/16</th>
<th>2/18</th>
<th>11/18</th>
<th>11/19</th>
<th>10/20</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>59%</td>
<td>18%</td>
<td>19%</td>
<td>25%</td>
<td>37%</td>
</tr>
<tr>
<td>Ind</td>
<td>61%</td>
<td>59%</td>
<td>58%</td>
<td>59%</td>
<td>83%</td>
</tr>
<tr>
<td>GOP</td>
<td>36%</td>
<td>77%</td>
<td>76%</td>
<td>71%</td>
<td>63%</td>
</tr>
</tbody>
</table>

Total Dem (47%)

<table>
<thead>
<tr>
<th></th>
<th>11/16</th>
<th>2/18</th>
<th>11/18</th>
<th>11/19</th>
<th>10/20</th>
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<tbody>
<tr>
<td></td>
<td>68%</td>
<td>86%</td>
<td>89%</td>
<td>91%</td>
<td>89%</td>
</tr>
<tr>
<td>Ind</td>
<td>25%</td>
<td>31%</td>
<td>37%</td>
<td>29%</td>
<td>17%</td>
</tr>
<tr>
<td>GOP</td>
<td>24%</td>
<td>10%</td>
<td>8%</td>
<td>5%</td>
<td>11%</td>
</tr>
</tbody>
</table>

Right Direction
Wrong Track
The Dem retains the edge on the generic state legislative ballot.

“Now, thinking about the November elections... If the November election for state legislature were being held today, for whom would you vote... the Republican candidate ...or... the Democratic candidate... for state legislature from your district?”

<table>
<thead>
<tr>
<th>Date</th>
<th>Republican Candidate</th>
<th>Democratic Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>45%</td>
<td>47%</td>
</tr>
<tr>
<td>2/18</td>
<td>38%</td>
<td>41%</td>
</tr>
<tr>
<td>11/18</td>
<td>41%</td>
<td>49%</td>
</tr>
<tr>
<td>11/19</td>
<td>39%</td>
<td>47%</td>
</tr>
<tr>
<td>10/20</td>
<td>44%</td>
<td>56%</td>
</tr>
</tbody>
</table>
Domestic Energy Production
A solid majority of voters believe the U.S. should put more emphasis on solar, wind, and hydropower.

“Still thinking about this...Do you think that, as a country, the United States should put more emphasis, less emphasis, or about the same emphasis as it does now on producing domestic energy from each of the following sources...”

### Wind

<table>
<thead>
<tr>
<th>Date</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>70%</td>
<td>13%</td>
</tr>
<tr>
<td>2/18</td>
<td>66%</td>
<td>9%</td>
</tr>
<tr>
<td>11/18</td>
<td>64%</td>
<td>14%</td>
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<tr>
<td>11/19</td>
<td>67%</td>
<td>15%</td>
</tr>
<tr>
<td>10/20</td>
<td>60%</td>
<td>11%</td>
</tr>
</tbody>
</table>

### Solar Power

<table>
<thead>
<tr>
<th>Date</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>76%</td>
<td>10%</td>
</tr>
<tr>
<td>2/18</td>
<td>75%</td>
<td>7%</td>
</tr>
<tr>
<td>11/18</td>
<td>74%</td>
<td>9%</td>
</tr>
<tr>
<td>11/19</td>
<td>75%</td>
<td>10%</td>
</tr>
<tr>
<td>10/20</td>
<td>66%</td>
<td>9%</td>
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</tbody>
</table>

### Hydropower

<table>
<thead>
<tr>
<th>Date</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>61%</td>
<td>7%</td>
</tr>
<tr>
<td>2/18</td>
<td>59%</td>
<td>6%</td>
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<tr>
<td>11/18</td>
<td>54%</td>
<td>6%</td>
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<tr>
<td>11/19</td>
<td>56%</td>
<td>6%</td>
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<tr>
<td>10/20</td>
<td>55%</td>
<td>10%</td>
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</tbody>
</table>
A majority continues to believe the U.S. should de-emphasize coal. A plurality still want more emphasis on natural gas, and voters remain split on nuclear.

“Still thinking about this... Do you think that, as a country, the United States should put more emphasis, less emphasis, or about the same emphasis as it does now on producing domestic energy from each of the following sources...”

**Coal**

- 2016: 51% more emphasis, 23% less emphasis
- 2018: 59% more emphasis, 16% less emphasis
- 2018: 54% more emphasis, 16% less emphasis
- 2019: 56% more emphasis, 18% less emphasis
- 2020: 51% more emphasis, 17% less emphasis

**Natural Gas**

- 2016: 41% more emphasis, 23% less emphasis
- 2018: 37% more emphasis, 19% less emphasis
- 2018: 42% more emphasis, 17% less emphasis
- 2019: 41% more emphasis, 18% less emphasis
- 2020: 42% more emphasis, 20% less emphasis

**Nuclear Power**

- 2016: 39% more emphasis, 27% less emphasis
- 2018: 36% more emphasis, 28% less emphasis
- 2018: 33% more emphasis, 27% less emphasis
- 2019: 34% more emphasis, 32% less emphasis
- 2020: 32% more emphasis, 31% less emphasis

Clean Energy National Online Survey – October 5-8, 2020
GOPers continue to want an “all of the above” approach to energy, although without coal.

Energy Emphasis Trend by GOPers (39%)

**Coal**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>35%</td>
<td>27%</td>
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<tr>
<td>2/18</td>
<td>31%</td>
<td>29%</td>
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<tr>
<td>11/18</td>
<td>29%</td>
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<td>11/19</td>
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<td>29%</td>
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<tr>
<td>10/20</td>
<td>34%</td>
<td>23%</td>
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</tbody>
</table>

**Natural Gas**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
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<td>52%</td>
<td>11%</td>
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<tr>
<td>2/18</td>
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<td>9%</td>
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<tr>
<td>11/18</td>
<td>52%</td>
<td>7%</td>
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<tr>
<td>11/19</td>
<td>50%</td>
<td>5%</td>
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<tr>
<td>10/20</td>
<td>49%</td>
<td>10%</td>
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</tbody>
</table>

**Wind**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
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<tr>
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<td>44%</td>
<td>17%</td>
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<tr>
<td>11/18</td>
<td>45%</td>
<td>26%</td>
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<tr>
<td>11/19</td>
<td>39%</td>
<td>30%</td>
</tr>
<tr>
<td>10/20</td>
<td>46%</td>
<td>18%</td>
</tr>
</tbody>
</table>

**Solar Power**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>63%</td>
<td>15%</td>
</tr>
<tr>
<td>2/18</td>
<td>56%</td>
<td>15%</td>
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<tr>
<td>11/18</td>
<td>58%</td>
<td>16%</td>
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<tr>
<td>11/19</td>
<td>50%</td>
<td>21%</td>
</tr>
<tr>
<td>10/20</td>
<td>51%</td>
<td>13%</td>
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</tbody>
</table>

**Nuclear Power**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>32%</td>
<td>29%</td>
</tr>
<tr>
<td>2/18</td>
<td>33%</td>
<td>28%</td>
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<tr>
<td>11/18</td>
<td>33%</td>
<td>20%</td>
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<tr>
<td>11/19</td>
<td>35%</td>
<td>24%</td>
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<tr>
<td>10/20</td>
<td>40%</td>
<td>19%</td>
</tr>
</tbody>
</table>

**Hydropower**

<table>
<thead>
<tr>
<th>Year</th>
<th>More Emphasis</th>
<th>Less Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>57%</td>
<td>6%</td>
</tr>
<tr>
<td>2/18</td>
<td>57%</td>
<td>6%</td>
</tr>
<tr>
<td>11/18</td>
<td>47%</td>
<td>7%</td>
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<tr>
<td>11/19</td>
<td>45%</td>
<td>9%</td>
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<tr>
<td>10/20</td>
<td>46%</td>
<td>10%</td>
</tr>
</tbody>
</table>
Inds continue to emphasize wind, solar, and hydropower. A plurality want more emphasis on natural gas, and less on nuclear.

Energy Emphasis Trend by Ind (14%)

<table>
<thead>
<tr>
<th>Energy Type</th>
<th>11/16</th>
<th>2/18</th>
<th>11/18</th>
<th>11/19</th>
<th>10/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>50%</td>
<td>69%</td>
<td>59%</td>
<td>58%</td>
<td>66%</td>
</tr>
<tr>
<td></td>
<td>26%</td>
<td>11%</td>
<td>13%</td>
<td>12%</td>
<td>9%</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>36%</td>
<td>29%</td>
<td>43%</td>
<td>37%</td>
<td>39%</td>
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<tr>
<td></td>
<td>22%</td>
<td>27%</td>
<td>16%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Wind</td>
<td>65%</td>
<td>65%</td>
<td>65%</td>
<td>68%</td>
<td>70%</td>
</tr>
<tr>
<td></td>
<td>17%</td>
<td>11%</td>
<td>17%</td>
<td>17%</td>
<td>8%</td>
</tr>
<tr>
<td>Solar Power</td>
<td>71%</td>
<td>70%</td>
<td>70%</td>
<td>79%</td>
<td>72%</td>
</tr>
<tr>
<td></td>
<td>16%</td>
<td>10%</td>
<td>12%</td>
<td>10%</td>
<td>9%</td>
</tr>
<tr>
<td>Nuclear Power</td>
<td>34%</td>
<td>38%</td>
<td>36%</td>
<td>40%</td>
<td>37%</td>
</tr>
<tr>
<td></td>
<td>31%</td>
<td>25%</td>
<td>30%</td>
<td>37%</td>
<td>27%</td>
</tr>
<tr>
<td>Hydropower</td>
<td>53%</td>
<td>56%</td>
<td>55%</td>
<td>58%</td>
<td>61%</td>
</tr>
<tr>
<td></td>
<td>6%</td>
<td>7%</td>
<td>8%</td>
<td>7%</td>
<td>8%</td>
</tr>
</tbody>
</table>
Party Issue Handling
Dems clearly hold the high ground on environmental and energy issues.

“Now please read the list of issues below and indicate which party you think would do a better job: the Democratic Party, the Republican Party, or both about the same? If you think that neither would do a good job, please indicate that below.”

-29
-19
-26
-32

<table>
<thead>
<tr>
<th>Issue</th>
<th>GOP</th>
<th>Dems</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Environment</td>
<td>24%</td>
<td>53%</td>
</tr>
<tr>
<td>Energy Issues</td>
<td>28%</td>
<td>47%</td>
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<tr>
<td>Clean Energy Issues</td>
<td>25%</td>
<td>51%</td>
</tr>
<tr>
<td>Climate Change</td>
<td>22%</td>
<td>54%</td>
</tr>
</tbody>
</table>
Clean Energy
Half of voters STRONGLY support government action to accelerate the development and adoption of clean energy.

“And, would you say you support or oppose the government taking action to accelerate the development and use of clean energy in the United States?”

Half of voters STRONGLY support government action to accelerate the development and adoption of clean energy.

“And, would you say you support or oppose the government taking action to accelerate the development and use of clean energy in the United States?”

*Denotes Rounding.
A majority of voters across party continue to support government action to accelerate the development and use of clean energy. GOP support has shot up.

**Government Action on Clean Energy Trend by Party**

<table>
<thead>
<tr>
<th>Party</th>
<th>2/18</th>
<th>11/18</th>
<th>11/19</th>
<th>10/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total GOP (39%)</td>
<td>76%</td>
<td>67%</td>
<td>61%</td>
<td>86%</td>
</tr>
<tr>
<td>Ind (14%)</td>
<td>15%</td>
<td>20%</td>
<td>16%</td>
<td>9%</td>
</tr>
<tr>
<td>Total Dem (47%)</td>
<td>96%</td>
<td>95%</td>
<td>95%</td>
<td>91%</td>
</tr>
</tbody>
</table>

Support
Oppose

Clean Energy National Online Survey – October 5-8, 2020
Most voters, regardless of age, support government action to accelerate the development and use of clean energy.

**Government Action on Clean Energy Trend by Age**

**Age 18-34 (24%)**
- 92% Support
- 7% Oppose

**Age 45-54 (14%)**
- 78% Support
- 19% Oppose

**Age 35-44 (20%)**
- 92% Support
- 5% Oppose

**Age 55-64 (20%)**
- 81% Support
- 14% Oppose

**Age 65+ (21%)**
- 85% Support
- 11% Oppose

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Support | Oppose
---|---
Blue | Red

Clean Energy National Online Survey – October 5-8, 2020
A majority of voters prefer a market-based approach to providing more clean energy production.

“To increase clean energy production, would you prefer...”

- **59%** Approaches that allow markets and businesses to provide more clean energy production
- **19%** A price or tax put on carbon emissions
- **16%** Government mandates and quotas
- **5%** Taxpayer funded subsidies

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Clean Energy National Online Survey – October 5-8, 2020
GOPers and Inds are together on this, while support for market-based incentives is nearly 50% among Dems.

*Increase Clean Energy Production Trend by Party*

<table>
<thead>
<tr>
<th></th>
<th>Overall</th>
<th>Total GOP (39%)</th>
<th>Ind (14%)</th>
<th>Total Dem (47%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markets &amp; Businesses</td>
<td>59%</td>
<td>69%</td>
<td>68%</td>
<td>49%</td>
</tr>
<tr>
<td>Price/Tax on Carbon Emissions</td>
<td>19%</td>
<td>14%</td>
<td>17%</td>
<td>24%</td>
</tr>
<tr>
<td>Government Mandates</td>
<td>16%</td>
<td>12%</td>
<td>11%</td>
<td>22%</td>
</tr>
<tr>
<td>Taxpayer Funded Subsidies</td>
<td>5%</td>
<td>6%</td>
<td>4%</td>
<td>5%</td>
</tr>
</tbody>
</table>
A significant majority of voters say it is important that a candidate for political office shares their opinion on clean energy issues.

“And, how important is it to you that a candidate for political office share your opinion on clean energy issues? Is it…”

*Denotes Rounding.
Support for candidates who back clean energy development remains high.

“Still thinking about clean energy... Thinking ahead to future elections... would you vote for or against elected officials or candidates who support clean energy development like solar and wind?”

Support for candidates who back clean energy development remains high.

*Denotes Rounding.
Climate Change
Most voters, including a majority of GOPers, Inds, and Dems, say that climate change is important to their vote.

“How important is the issue of climate change to your vote?”

**Overall**

- Total Important: 72%
- Total Not Important: 28%

**By Party**

- Total GOP: 55%
  - Important: 45%
  - Not Important: 11%

- Ind: 68%
  - Important: 32%
  - Not Important: 11%

- Total Dem: 88%
  - Important: 68%
  - Not Important: 12%

*Clean Energy National Online Survey – October 5-8, 2020*
Younger voters are the most likely to say that climate change is important to their vote.

*Climate Change Issue Importance to Vote by Age*

- **Age 18-34 (24%)**: 81% Important, 19% Not Important
- **Age 35-44 (20%)**: 81% Important, 19% Not Important
- **Age 45-54 (14%)**: 72% Important, 28% Not Important
- **Age 55-64 (20%)**: 58% Important, 42% Not Important
- **Age 65+ (21%)**: 66% Important, 34% Not Important
Most voters support government action to reduce gas emissions, and nearly half strongly favor government intervention.

“And, do you favor or oppose the government taking steps to reduce emissions of gases like carbon dioxide and methane emissions that cause global climate change?”

48% 52% 47%
27% 27% 15%
13% 15% 6%

Favor Oppose Strongly Favor Strongly Oppose

11/18 11/19 10/20

*Denotes Rounding.
A majority of GOPers now favor government action to reduce emissions, along with a greater majority of Inds and an overwhelming majority of Dems.

**Government Action on Reduced Emissions Trend by Party**

**Total GOP (39%)**
- 11/18: Favor 48%, Oppose 48%
- 11/19: Favor 53%, Oppose 43%
- 10/20: Favor 76%, Oppose 24%

**Ind (14%)**
- 11/18: Favor 68%, Oppose 30%
- 11/19: Favor 76%, Oppose 21%
- 10/20: Favor 82%, Oppose 18%

**Total Dem (47%)**
- 11/18: Favor 91%, Oppose 8%
- 11/19: Favor 91%, Oppose 8%
- 10/20: Favor 94%, Oppose 6%
Support has shot up by double digits across the board.

**Government Action on Reduced Emissions Trend by Age**

- **Age 18-34 (24%)**
  - 2018: 79%
  - 2019: 77%
  - 2020: 88%
- **Age 35-44 (20%)**
  - 2018: 72%
  - 2019: 73%
  - 2020: 90%
- **Age 45-54 (14%)**
  - 2018: 66%
  - 2019: 67%
  - 2020: 86%
- **Age 55-64 (20%)**
  - 2018: 70%
  - 2019: 68%
  - 2020: 81%
- **Age 65+ (21%)**
  - 2018: 67%
  - 2019: 67%
  - 2020: 82%
A significant majority of voters say climate change is a threat.

“Continuing to think about climate change... Please read the following statements about the impact of climate change on society, and after you read each one, please indicate which statement is closest to your own opinion...”

- **43%** Climate change is an extreme threat.
- **34%** Climate change is a threat to be considered.
- **16%** Climate change is a minor threat.
- **8%** Climate change is not at all a threat.
A majority of voters including Inds and Dems, say the link between rising global temps and human activity is settled science. GOPers are split.

“Now, please read the following two statements, and after you read each one, please indicate which statement comes closest to your own opinion…”

70%

Scientists have established a factual connection between rising global temperatures and human activities like burning fossil fuels.

30%

Scientists disagree about whether or not human activities are linked to rising global temperatures.
A majority of voters, including Inds and Dems, disapprove of how the GOP is addressing climate change. “And do you approve or disapprove of the job the Republican Party is doing in addressing climate change?”

Overall

- Total Approve: 41%*
- Total Disapprove: 59%*

By Party

- Total GOP: 81%
  - Strongly Approve: 19%
  - Somewhat Approve: 17%
  - Somewhat Disapprove: 23%
  - Strongly Disapprove: 18%
- Total Ind: 69%
  - Approve: 31%
  - Disapprove: 42%
- Total Dem: 90%
  - Approve: 10%

*Denotes Rounding.
Most voters say they are more likely to support a GOP candidate who embraces an innovation-based approach to addressing climate change.

“Would you be more likely or less likely to support a Republican candidate who embraces an innovation-based approach to addressing climate change?”

**Overall**

<table>
<thead>
<tr>
<th>Total More Likely</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Less Likely</td>
<td>30%</td>
</tr>
</tbody>
</table>

**More Likely Among Independents**

- Ind w/ Degree: 79%
- Ind 18-54: 78%
- Moderate GOP/Ind: 78%
- Ind Women: 77%
- Ind: 76%
- Ind Men: 75%
- Ind 55+: 73%
A majority of voters across party say they would view Trump more favorably if he embraced a conservative approach to clean energy and climate change.

“Would your view of President Trump be more favorable or less favorable if he embraced a conservative approach to addressing clean energy and climate change by prioritizing technology, innovation, and competition?”

**Overall**

- Total More Favorable: 69%
- Total Less Favorable: 31%

**By Party**

- Total GOP
  - More Favorable: 89%
  - Less Favorable: 11%
  - More Favorable (39%)
  - Less Favorable (14%)
  - More Favorable (52%)
  - Less Favorable (48%)

- Total Dem
  - More Favorable: 70%
  - Less Favorable: 30%

**Dependent**: Clean Energy National Online Survey – October 5-8, 2020

**Independent**: Total More Favorable, Total Less Favorable, Much More Favorable, Somewhat More Favorable, Much Less Favorable, Somewhat Less Favorable, Total GOP, Total Dem
A majority of voters across party say they are more likely to support a candidate for office who acknowledges human-caused climate change.

“Are you more likely or less likely to support a candidate for public office who believes human activity is contributing to climate change?”

Overall
- Total More Likely: 78%
- Total Less Likely: 22%

By Party
- Total GOP: More Likely (39%) vs. Less Likely (37%) = +26
- Ind: More Likely (14%) vs. Less Likely (18%) = +64
- Total Dem: More Likely (47%) vs. Less Likely (10%) = +80

Pie chart showing distribution of responses:
- Somewhat More Likely: 45%
- Much More Likely: 33%
- Much Less Likely: 7%
- Somewhat Less Likely: 15%
The Electric Grid
A majority of voters say it is very important the U.S. takes steps to protect our electric grid from calamity.

“Now thinking about our electric grid... Given America’s unpreparedness for the Coronavirus pandemic, how important it to you that we apply lessons learned and begin taking steps to protect our electricity grid from disaster, which experts say is just a matter of time?”

**Overall**

- **Total Important**: 94%*
- **Total Not Important**: 6%

- **Very Important**: 56%
- **Somewhat Important**: 37%
- **Not Very Important**: 4%
- **Not At All Important**: 2%

*Denotes Rounding.
Clean Energy Policy Proposals
Voters say policies emphasizing community renewable projects, energy efficient upgrades, and further funding R&D are the most favorable.

“Please read the following list of policies that supporters have proposed to help expand your state’s commitment to clean energy. After you read each one, please indicate whether you favor or oppose that policy.”

Ranked by % Strongly Favor

- **Community renewable projects like solar that enable consumers to share the benefits and save money on their bills.**
  - Strongly Favor: 44%
  - Total Favor: 90%
  - Strongly Oppose: 10%

- **Energy efficiency upgrades to reduce the amount of power we need to generate and purchase.**
  - Strongly Favor: 43%
  - Total Favor: 92%
  - Strongly Oppose: 8%

- **More funding for research and development of clean energy solutions.**
  - Strongly Favor: 43%
  - Total Favor: 85%*
  - Strongly Oppose: 15%*

- **Increasing research and development to accelerate the adoption of battery storage technologies that allow for greater use of renewable energy even when the sun is not shining or the wind is not blowing.**
  - Strongly Favor: 42%
  - Total Favor: 83%
  - Strongly Oppose: 11%

- **Tax credits for advancing clean energy.**
  - Strongly Favor: 38%
  - Total Favor: 85%
  - Strongly Oppose: 15%

*Denotes Rounding.
A majority of voters favor more electric utility competition, cutting regulations, and modernizing our electric grid.

“Please read the following list of policies that supporters have proposed to help expand your state’s commitment to clean energy. After you read each one, please indicate whether you favor or oppose that policy.”

**Ranked by % Strongly Favor**

- **Allow more electric utility competition which would give people the choice of what companies they buy their power from.**
  - 36% Strongly Favor
  - 15% Favor
  - 85% Total Favor
  - 17% Oppose
  - 8% Total Oppose

- **Cutting regulations and red tape that slow the development of clean energy resources.**
  - 35% Strongly Favor
  - 17% Favor
  - 83% Total Favor
  - 17% Oppose
  - 8% Total Oppose

- **Increase government spending to modernize America’s electricity grid.**
  - 34% Strongly Favor
  - 17% Favor
  - 83% Total Favor
  - 17% Oppose
  - 8% Total Oppose

- **As you may know, Carbon Capture and Storage is a technology that can trap and prevent carbon dioxide emissions, also known as "CO Two", produced in electricity generation and industrial processes and stop the byproduct from entering the earth's atmosphere. Adding Carbon Capture and Storage to power plants may increase the cost of electricity but would help protect the environment.**
  - 25% Strongly Favor
  - 23% Favor
  - 77% Total Favor
  - 23% Oppose
  - 17% Total Oppose

*Denotes Rounding.*

Clean Energy National Online Survey – October 5-8, 2020
Voters most strongly support increasing development of clean energy infrastructure and boosting accountability for emissions reductions among relevant parties.

“Now, please read the following list of proposals that have been put forth to help expand clean energy in the United States. After you read each one, please indicate whether you support or oppose that proposal.”

Ranked % Strongly Support

Increasing development of the country’s clean energy infrastructure.

- **Strongly Support:** 47%
- **Total Support:** 91%
- **Strongly Oppose:** 9%
- **Total Oppose:** 9%

Focusing on creating transparency and accountability for emissions reductions undertaken by states, cities and towns, and businesses.

- **Strongly Support:** 40%
- **Total Support:** 87%
- **Strongly Oppose:** 13%
- **Total Oppose:** 13%

Reducing greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas.

- **Strongly Support:** 34%
- **Total Support:** 72%
- **Strongly Oppose:** 10%
- **Total Oppose:** 10%

*Denotes Rounding.

Changing the tax system to help reduce carbon emissions by rewarding low carbon emitters and penalizing high carbon emitters.

- **Strongly Support:** 33%
- **Total Support:** 77%
- **Strongly Oppose:** 8%
- **Total Oppose:** 23%

*Denotes Rounding.
Message Testing
An overwhelming majority of voters continue to support a new system for purchasing electricity, one emphasizing consumer choice.

“Now, please read two additional options about purchasing electricity, and please indicate which one you prefer.”

84%

A new system that allows people to have a choice of where they purchase electricity and what kind of electricity, such as clean energy.

...or...

16%

The current system, in which nearly everyone purchases their electricity from one monopoly utility.
All statements test well, but voters support the acceleration of clean energy, as well as leveling the playing field for financing clean energy companies the most.

“Thinking again about clean energy... Please read the following statements about why some people want to accelerate the growth of clean energy, by speeding up the development of sources of renewable energy like wind and solar power. After you read each statement, please indicate whether you agree or disagree with that statement.”

**Ranked by % Strongly Agree**

- **We should accelerate the growth of clean energy so that we can more quickly make the inevitable transition away from carbon-emitting sources of energy like coal.**
  - 38% Strongly Agree
  - 32% Total Agree
  - 10% Strongly Disagree
  - 16% Total Disagree
  - 84%

- **Clean energy companies should be allowed access to the same financing options that help traditional energy companies attract investment in new technologies. This would include giving investors a tax benefit for using private funds instead of taxpayer funds to support new clean energy innovations.**
  - 37% Strongly Agree
  - 35% Total Agree
  - 10% Strongly Disagree
  - 16% Total Disagree
  - 90%

- **We should accelerate the growth of clean energy so that we can decentralize our nation’s electricity sources, protecting them from prolonged outages due to extreme weather or security threats.**
  - 37% Strongly Agree
  - 35% Total Agree
  - 10% Strongly Disagree
  - 16% Total Disagree
  - 87%

- **We should accelerate the growth of clean energy so that our state can be a national leader in the competition for economic development and good-paying jobs.**
  - 35% Strongly Agree
  - 32% Total Agree
  - 10% Strongly Disagree
  - 16% Total Disagree
  - 85%

- **We should increase state government funding for basic research into clean energy technology without picking winners and losers, launching a "space race"-style effort to reach new energy frontiers.**
  - 32% Strongly Agree
  - 30% Total Agree
  - 10% Strongly Disagree
  - 21% Total Disagree
  - 79%

*Denotes Rounding.*
GOPers agree with these statements, but intensity is weak.

“Thinking again about clean energy... Please read the following statements about why some people want to accelerate the growth of clean energy, by speeding up the development of sources of renewable energy like wind and solar power. After you read each statement, please indicate whether you agree or disagree with that statement.”

Ranked by % Strongly Agree Among GOPers (39%)

Clean energy companies should be allowed access to the same financing options that help traditional energy companies attract investment in new technologies. This would include giving investors a tax benefit for using private funds instead of taxpayer funds to support new clean energy innovations. 86%

We should accelerate the growth of clean energy so that we can decentralize our nation’s electricity sources, protecting them from prolonged outages due to extreme weather or security threats. 78%

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We should increase state government funding for basic research into clean energy technology without picking winners and losers, launching a “space race”-style effort to reach new energy frontiers. 69%

We should accelerate the growth of clean energy so that we can more quickly make the inevitable transition away from carbon-emitting sources of energy like coal. 73%

*Denotes Rounding.
Inds agree the most that clean energy companies should have access to the same financing options that traditional energy companies are given.

“Thinking again about clean energy... Please read the following statements about why some people want to accelerate the growth of clean energy, by speeding up the development of sources of renewable energy like wind and solar power. After you read each statement, please indicate whether you agree or disagree with that statement.”

**Ranked by % Strongly Agree Among Inds (14%)**

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Agree</th>
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*Denotes Rounding.