The Climate Leadership and Community Protection Act: Moving New York to a Carbon-neutral Economy

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Climate Leadership and Community Protection Act

- Requires the most aggressive greenhouse gas (GHG) reductions of any major economy:
  - 40X30 (40% by 2030), 85X50 (85% by 2050) and a carbon neutral economy

- Requires state agencies to
  - reduce GHG emissions
  - consider attainment of GHG limits when issuing permits/approvals

- Amends Community Risk and Resiliency Act
  - Major permits to consider climate change risk
Why is CLCPA so Important?

• 1.5°C warming could trigger feedback loops with the potential to cause runaway warming. (IPCC, 2018)

• Risks substantially higher at 2°C warming. (IPCC, 2018)

• Paris commitments would lead to a 3.2°C rise by 2100. (UNEP, 2019)

• The Gap: On current track we will emit enough GHGs by 2030 to make holding warming to 1.5°C impossible. (IPCC, 2018)

• Must now reduce emissions 2.7%/yr for 2°C, 7.6% for 1.5°C: would have been 0.7% and 3.3% if started in 2010. (UNEP 2019 Gap Report)
Climate Leadership and Community Protection Act

- Modifies PSL to codify clean energy targets
  - 70% renewable energy by 2030
  - 100% clean electricity by 2040
  - 9,000 MW of offshore wind by 2035
  - 6,000 MW of distributed solar by 2025
  - 3,000 MW of energy storage by 2030
  - 185 Tbtu on-site energy savings by 2025
- Commitments to environmental justice and just transition
Climate Action Council

- 2 years: Draft scoping plan of recommendations for achieving GHG limits, final in 3 years
- Co-chaired by DEC and NYSERDA
- Agencies: DOT, DOH, ESD, DAM, HCR, DOL, PSC, NYPA, LIPA, DOS
- 2 Governor appointments
- 8 Legislative appointments

- Advisory panels:
  - Transportation
  - Land use and local government
  - Housing and energy efficiency
  - Energy intensive industries
  - Power generation
  - Agriculture and Forestry
Developing the Scoping Plan

- Scoping plan to outline recommendations to achieve the emission targets, including zero emission economy
- To include the following:
  - Measures to aid in just transition of workforce
  - Mechanisms to limit emission leakage
  - Measures to achieve healthy forests
  - Quantification of costs and benefits
- Process
  - Consult with Climate Justice WG and EJ Advisory Group
  - Hold 6 public comment hearings on the draft plan
  - Update every five years
# Climate Act: Key Deadlines

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<tr>
<th>Requirement</th>
<th>Duration</th>
<th>Complete by</th>
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<tbody>
<tr>
<td>Statewide GHG Limits</td>
<td>1 year</td>
<td>2021</td>
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<tr>
<td>Social Cost of Carbon</td>
<td>1 year</td>
<td>2021</td>
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<tr>
<td>Annual GHG Report</td>
<td>2 years</td>
<td>2022</td>
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<tr>
<td>CES Update</td>
<td>2.5 years</td>
<td>2022</td>
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<tr>
<td>Draft Scoping Plan</td>
<td>2 years</td>
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<tr>
<td>Final Scoping Plan</td>
<td>3 years</td>
<td>2023</td>
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<tr>
<td>Statewide GHG Regulations</td>
<td>4 years</td>
<td>2024</td>
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Main Sources of Greenhouse Gases in NYS

36%  30%  15%  8%  5%  4%

New York State emitted approximately 206 million metric tons of CO$_2$ equivalent in 2016—about 0.5% of total annual global emissions.
Reaching 40% by 2030 and carbon neutrality

• Requires
  - Electrification of cars and heating
  - Deep penetration of renewables
  - Deep energy efficiency improvements – in all sectors
  - Waste diversion (organics and embedded emissions)
  - Conversion of refrigerants
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Connect with us:  
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