

New York State Climate Action Council

Meeting One

March 3, 2020



**Climate Action
Council**

Co-Chair Remarks

Agenda

- > Presentation: Climate Science Considerations
- > Presentation: Climate Act Requirements
 - Major Roles and Responsibilities
 - Climate Action Council
 - Achieving Climate Justice
- > Climate Act Goals
- > Bylaws
- > Advisory Panels
- > Next Steps

Presentation: Climate Science Considerations

Presentation: Climate Act Requirements

Climate Leadership and Community Protection Act (CLCPA) – Overview

Carbon neutral economy, mandating at least an 85% reduction in emissions below 1990 levels

40% reduction in emissions by 2030

100% zero-carbon electricity by 2040

70% renewable electricity by 2030

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 climate justice and just transition

New York's Climate Leadership

Most Aggressive Renewable Energy Development Program in Nation

- > Large-scale renewables, offshore wind, NY-Sun, and more

Landmark Energy Efficiency and Building Electrification Advancements

- > New Efficiency: New York, major clean heating and cooling investments, and more

Central Focus on Clean Transportation and Electric Vehicles

- > Upstate electric bus fleet, Blue-Ribbon EV Task Force, Make-Ready white paper, and more

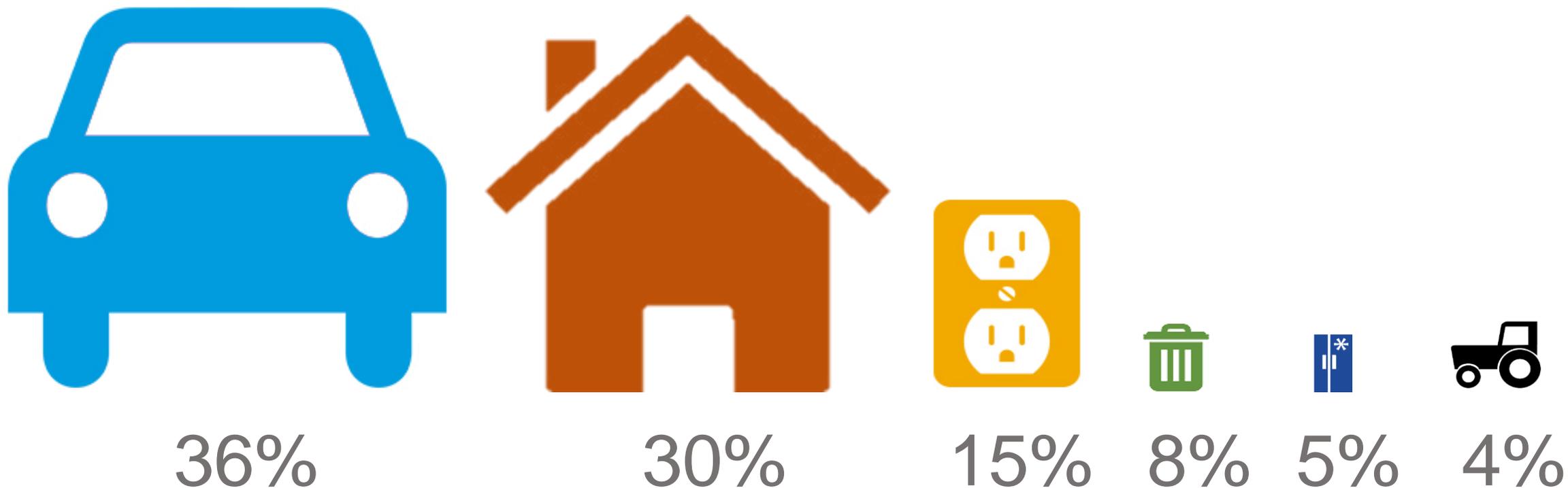
Groundbreaking Environmental Support: Restore Mother Nature Bond Act

- > \$3 billion "Restore Mother Nature" Bond Act to restore our state's environment and improve resiliency

Local Governments Taking Action

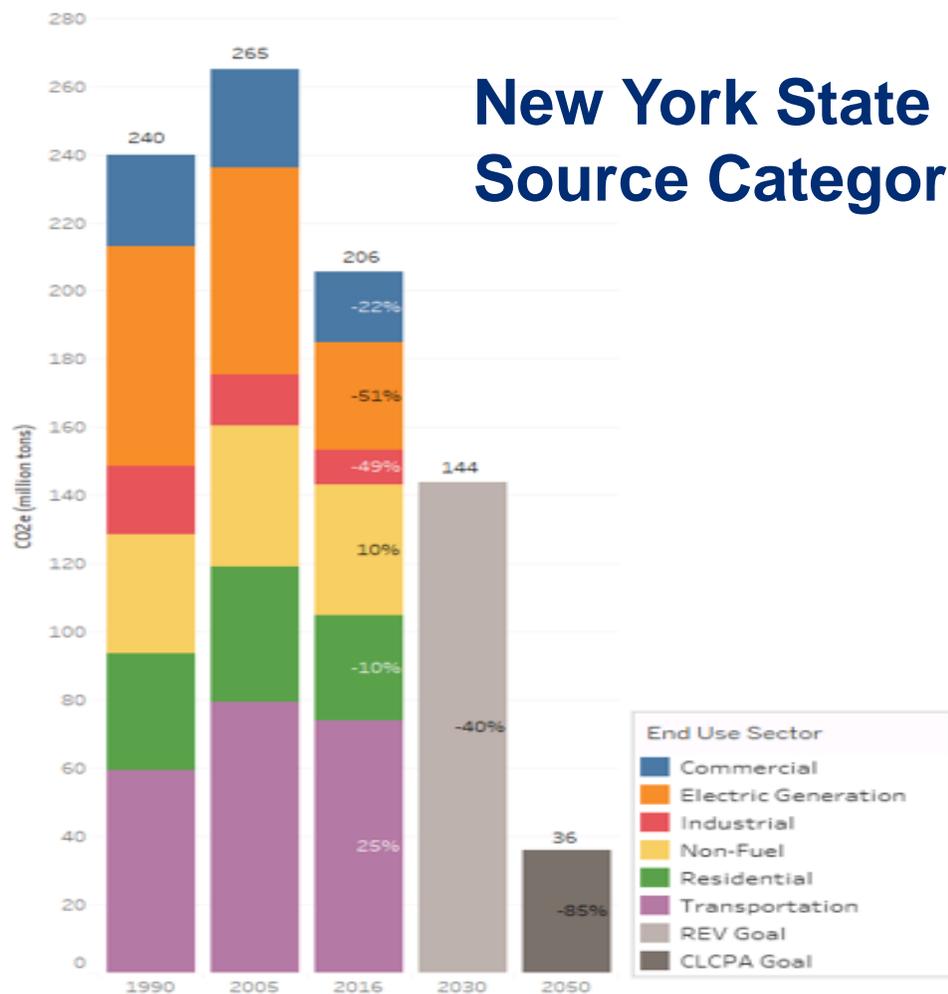
- > 293 Climate Smart Communities, 302 Clean Energy Communities

Main Sources of Greenhouse Gases in NYS



New York State emitted approximately 206 million metric tons of CO₂ equivalent in 2016 – about 0.5% of total annual global emissions.

GHG Emissions Reduction Requirements



Pathways for examination

- > Electrification of cars and heating
- > Deep penetration of renewables (wind, solar)
- > Waste diversion (organics and embedded emissions)
- > Conversion of refrigerants
- > Deep energy efficiency improvements – in all sectors

Major Roles and Responsibilities

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- > **Climate Action Council:** Prepare and approve a scoping plan of recommendations to achieve 40x30, 85x50, carbon neutrality
- > **Climate Justice Working Group:** Establish criteria to identify and develop a list of disadvantaged communities
- > **Just Transition Working Group:** Conduct a study on job creation and workforce disruption related to the transition to a low carbon economy
- > **PSC:** Establish a program requiring load serving entities meet 70x30 and 100x40 targets
- > **DEC:** Promulgate the statewide greenhouse gas emissions limit regulation; establish a value of carbon; issue annual reports on statewide greenhouse gas emissions; promulgate regulations to implement the scoping plan
- > **All Agencies:** Implement strategies to reduce emissions; consider consistency with the Act in agency decisions

Climate Action Council

Adopt a Scoping Plan

Directions to the Council

- > Adopt a Scoping Plan of recommendations for achieving GHG limits
- > Recommend measures to achieve the GHG limits, including carbon neutral economy
- > Evaluate the costs and benefits, both economic and non-economic and including co-benefits, of the measures for reducing GHGs
- > Identify measures to maximize reductions of both GHGs and co-pollutants in disadvantaged communities

Process

- > Receive recommendations from Advisory Panels, Just Transition Working Group
- > Consult with Climate Justice Working Group and Environmental Justice Advisory Group
- > Hold 6 public comment hearings on the draft Scoping Plan
- > Update every 5 years

Scoping Plan Contents

At a minimum, contains measures for:

- > Performance-based standards for GHG sources
- > Reducing electricity sector emissions, advancing achievement of the clean energy requirements
- > Limiting use of synthetic GHGs
- > Land-use and transportation planning
- > Reducing energy use in existing residential or commercial buildings
- > Achieving long-term carbon sequestration
- > Promoting best management practices in land use
- > Aiding in the transition of the state workforce to the clean energy economy
- > Limiting emission leakage

Advisory Panels and Just Transition Working Group

Council convenes panels and working groups requiring special expertise

Purpose is to provide recommendations to the Council on specific topics as the Council prepares the Scoping Plan

Advisory Panels

- > Transportation
- > Land Use and Local Government
- > Housing and Energy Efficiency
- > Energy Intensive Industries
- > Power Generation
- > Agriculture and Forestry

Panels are:

- > Chaired by relevant agency head(s)
- > Comprised of up to 5 voting members, elected by Council, representing individuals with direct involvement or expertise
- > To work directly with the Council on the preparation of the Scoping Plan, coordinating with Environmental Justice Advisory Group and Climate Justice Working Group

Just Transition Working Group

13-17 members co-chaired by NYSERDA and DOL

Achieving Climate Justice

Climate Justice Working Group

Climate Justice Working Group

DEC convenes the Climate Justice Working Group

Members:

- > DEC (chair)
- > NYSERDA
- > DOL
- > DOH
- > 3 NYC environmental justice reps
- > 3 rural environmental justice reps
- > 3 upstate urban representatives

Purpose:

- > Develop criteria for and list of disadvantaged communities
- > Report on barriers and opportunities for clean energy

Benefiting Disadvantaged Communities

Council to Prioritize Disadvantaged Communities

- > Identify measures to reduce emissions of co-pollutants
- > Consult with Climate Justice Working Group and Environmental Justice Advisory Group

DEC Rulemakings to Implement the Council Recommendations

- > Ensure no increase in co-pollutant emissions or disproportionate burden on disadvantaged communities
- > Prioritize measures to reduce emissions in disadvantaged communities

DEC to Implement Community Air Monitoring

- > In coordination the Climate Justice Working Group, DEC shall establish a community air monitoring pilot program in at least 4 disadvantaged communities
- > DEC shall prepare a strategy to reduce emissions in disadvantaged communities with a disproportionate pollution burden

Investing in Disadvantaged Communities

Invest or direct available and relevant programmatic resources in a manner designed to achieve a goal for disadvantaged communities to receive 40% of overall benefits of spending on:

- > Clean energy and energy efficiency programs
- > Projects or investments in the areas of housing, workforce development, pollution reduction, low-income energy assistance, energy, transportation, and economic development

Receive no less than 35% of the overall benefits of spending on clean energy and energy efficiency programs, projects or investments (does not alter funds already committed)

Environmental Justice Groups

Permanent Environmental Justice Advisory Group

16 Members:

At least 5 low- to moderate-income, environmental and community-based organizations, 4 from business

Appointed by the Legislature and the Governor

Purpose:

- > Develop model Environmental Justice policy

Environmental Justice Interagency Coordinating Council

Members:

DEC, ESD, EFC, NYSERDA, PSC, NYPA

To be convened by DEC

Purpose:

- > Coordinate Environmental Justice policies

Timeline

Delivering the CLCPA

COUNCIL

AGENCIES



Climate Act Goals

Bylaws

Advisory Panels

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Recommended Advisory Panel Structure

Advisory Panel

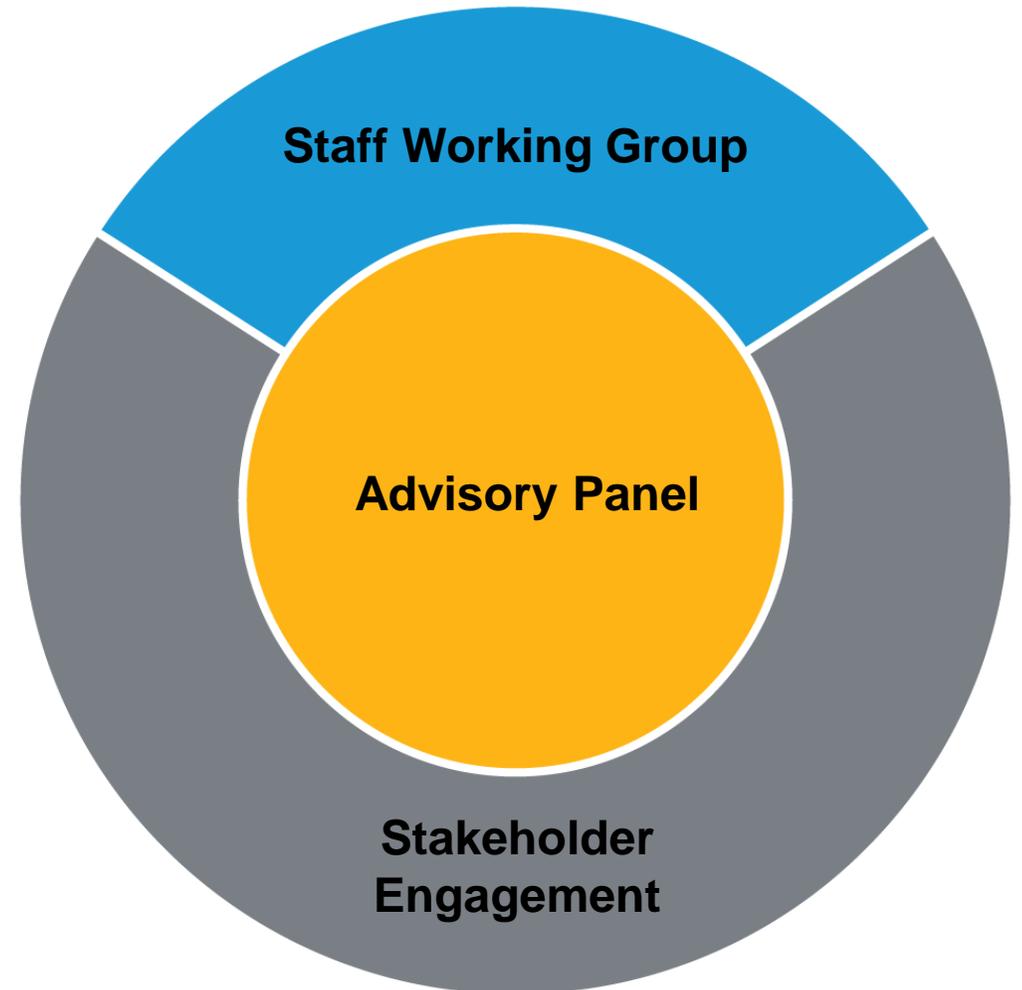
- > Recommendation-producing body supported by staff working group and informed through stakeholder engagement
- > Consults with Just Transition, Climate Justice, and Environmental Justice groups

Stakeholders

- > Agency staff assists in managing the engagement process with the broad stakeholder community

Staff Working Group

- > Agency staff to support work of the Advisory Panel



Just Transition Working Group

Council convenes the Just Transition Working Group

Purpose is to provide recommendations to the Council on specific topics as the Council prepares the Scoping Plan

13-17 Members:

- > NYSERDA & DOL (co-chairs), HCR, PSC
- > Representatives from labor organizations and EJ communities
- > Clean energy developers
- > 5 members of distinct energy intensive industries

Next Steps

- > Website: climate.ny.gov
- > E-mail: ClimateAct@dec.ny.gov