Meeting Procedures

Before beginning, a few reminders to ensure a smooth discussion:

> CAC Members should be on mute if not speaking.
> If using phone for audio, please tap the phone mute button.
> If using computer for audio, please click the mute button on the computer screen (1st visual).

> Video is encouraged for CAC members, in particular when speaking.

> In the event of a question or comment, please use the hand raise function (2nd visual). You can get to the hand raise button by clicking the participant panel button (3rd visual). The co-chairs will call on members individually, at which time please unmute.

> If technical problems arise, please contact Karen Fusco at karen.fusco@nyserda.ny.gov
Welcome and Introduction
Consideration of June 24, 2020 Minutes
Co-Chair Remarks and Reflections
Discussion: Advisory Panels and Working Groups
Discussion: Waste Management Emissions
CLCPA Implementation
Next Steps
Consideration of June 24, 2020 Minutes
Co-Chair
Remarks and Reflections
Isaias: A Call for Resilience

Storm resulted in:

- Approximately 1.3 million New York customers experienced power outages during the event
- Peak power outages of approximately 920,000 customers

Clarion call: We must be better prepared and adapt/improve our overall resilience
Governor Cuomo Announces Nation-Leading Solicitations for Offshore Wind & Land-Based Renewables

- Solicitations seek:
  - Up to 2,500 megawatts of offshore wind energy
  - Multi-Port infrastructure investment ($400 million)
  - Additional land-based renewables solicitations of over 1,500 megawatts
  - New RFI to identify "Build-Ready" sites to accelerate implementation of Clean Energy Resources Development and Incentive Program

- Result: $7 billion in direct investments, 4,500 short- and long-term jobs
Governor Cuomo Announces Clean Energy Investments to Benefit over 350,000 LMI Households

> Framework to invest almost $1 billion through 2025 to advance energy efficiency for LMI customers, including:

  • Over $300 million to increase access to energy efficiency for LMI homeowners and renters
  • More than $500 million to improve energy efficiency in affordable multifamily buildings
  • $45 million for community-level engagement and capacity building with community-based organizations
  • $30 million for developing clean heating and cooling solutions

> More than double current number of households that receive energy efficiency services

Sustainability Upgrades for over 350,000 Low-to-Moderate Income Households

Boost efficiency & electrification & public health in affordable housing
Cleaning New York's Vehicle Fleets

New York Signs Memorandum of Understanding with 14 States and the District of Columbia

> Develop a plan for:
  • 100% of all new medium- and heavy-duty vehicle sales zero-emission vehicles by 2050
  • Interim target of 30% zero-emission vehicle sales by 2030

> Complements Clean Transportation NY to invest VW settlement funds for a total investment of $300 million in clean vehicles and infrastructure

Governor Cuomo Announces "Make-Ready" Program for EVs

> “Make-Ready” program to enable 50,000 EV charging stations by 2025, stimulate $1.5B in new investment
  • $206M to benefit LMI and Disadvantaged Communities, including $85M for three innovative Clean Transportation "Prizes."

Clean Transportation

1.5 billion+ to build new Electric Vehicle Infrastructure

Focus on equitable access & partner with 14 states on clean trucks
Ensuring Climate Justice

Climate Justice Working Group

> First meeting on August 14, 2020

> Will establish criteria to identify disadvantaged communities for the purposes of co-pollutant reductions, GHG emissions reductions, regulatory impact statements, and allocation of benefits associated with State investments.

Critical role in supporting and informing the work of the Climate Action Council

> CAC consults with CJWG on climate justice including draft scoping plan.

> Advisory panels coordinate with CJWG.
Discussion: Advisory Panels and Working Groups
Six Advisory Panels:

> **Sectors:** Transportation, Agriculture/Forestry, Land Use/Local Government, Power Generation, Housing/Energy Efficiency, Energy Intensive/Trade Exposed Industries.

> Chaired by Climate Action Council Commissioner or designee.

> Advisory Panel to determine scope of work, within the emissions sector.

**Just Transition Working Group:**

> Co-Chaired by Commissioner of Labor and President & CEO of NYSERDA; includes Commissioner of Housing and Community Renewal and Chair of the Public Service Commission.

> Scope of work includes jobs report, workforce training needs, power plant site reuse opportunities.

**Climate Justice Working Group**

> First meeting on August 14, 2020
Each advisory panel is expected to:
>
- Identify a range of emissions reductions, consistent with analysis and in consultation with the CAC, for the sector which contributes to meeting the statewide emission limits.

- Present a list of recommendations for emissions reducing policies, programs or actions, for consideration by the Climate Action Council for inclusion in the Scoping Plan.
  - Recommendations should identify the estimated scale of impact, knowable costs to achieve, ease of deployment or commercial availability, potential co-benefits to emissions reduction, advancement of climate justice outcomes, and impacts to businesses.
  - Recommendations may be informed by quantitative analysis or qualitative assessment.

- Recommendations should be sector-based.
  - The panels should not rely on economy-wide policies to achieve emission reduction goals but can recommend that the Council consider economy-wide policies if needed to advance certain sector-specific policies.
  - Cross-sector recommendations should be advanced only after consultation with the appropriate panels.
  - Recommendations should include climate adaptation and resilience considerations.
Each advisory panel shall:

> Meet at least once a month and provide regular updates to the Council on the advancement of its work.
  • Present (oral or written) progress reports at Council meetings and solicit feedback.
  • Provide final recommendations in accordance with the Scoping Plan development schedule.

> Consult with the Climate Justice and Just Transition working groups to inform its recommendations for the Climate Action Council.

> Seek public input to inform the development of recommendations to the Council for consideration.
  • Panels may seek input from selected expertise in a subject area, as determined necessary by the members.
  • Panels shall, during the next six months, hold at least one forum to receive broad-based public input.
  • Provide transparency by making meetings open to public viewing or/and publishing minutes of deliberations.

> Make available information regarding advisory panel public meetings and comment opportunities on the climate.ny.gov webpage.
Each advisory panel will be supported by:

> Access to consulting firm Energy and Environmental Economics ("E3") to provide economic and technology assumptions, understanding of market development as based on literature research, some quantitative analysis of higher impact recommendations.

> A working group comprising staff from contributing state agencies or authorities to assist with research and less-detailed analytical work.

> Completed state technology or market studies and other research resources as available.

> Where initiated, current state agency technical analysis or market development assessments that may serve as a foundation for recommendations or as reference material for development of recommendations.

> Meeting facilitation services, to assist with scheduling meetings, keep records, etc.
Suggested: Transportation Advisory Panel

Marie Therese Dominguez, Chair
Commissioner: Department of Transportation

Jared Snyder
Deputy Commissioner: Dept. of Environmental Conservation

Paul Allen
Senior Vice President: M. J. Bradley & Associates

Dimitris Assanis
Assistant Professor: Stony Brook University

Steve Finch
Senior Vice President, Automotive Services: AAA Western & Central New York

Albert Gore, III
Policy and Business Development: Tesla

Kendra Hems
President: Trucking Association of New York

Elgie Holstein
Senior Director for Strategic Planning: Environmental Defense Fund

Renae Reynolds
Transportation Planner: New York City Environmental Justice Alliance

John Samuelsen
International President: Transport Workers Union

Nick Sifuentes
Executive Director: Tri-State Transportation Campaign

Kerene Tayloe
Director of Federal Legislative Affairs: WE ACT for Environmental Justice

Porie Saikia-Eapen
Director: Environmental Sustainability & Compliance at MTA

Craig Turner
Executive Director: Buffalo Niagara International Trade Gateway Organization

Nancy Young
Vice President of Environmental Affairs: Airlines for America

Bob Zerrillo
Policy Director: New York Public Transit Association

Julie Tighe
President: New York League of Conservation Voters
Suggested: Agriculture and Forestry Panel

Richard Ball, Chair
Commissioner of Agriculture: Department of Ag & Markets

Peter Innes
Natural Resources Supervisor: Dept. of Environmental Conservation

Rafael Aponte
Founder: Rocky Acres Community Farm

Amanda Barber
Manager: Cortland County Soil and Water Conservation District

John Bartow
Executive Director: Empire State Forest Products Association

Michelle Brown
Conservation Scientist: The Nature Conservancy

Tom Gerow
General Manager: Wagner Lumber Co.

Suzanne Hunt
President: Hunt Green & Co-Owner: Hunt Country Vineyards

Peter Lehner
Director of Sustainable Food and Farming: Earthjustice

Samantha Levy
New York Policy Manager: American Farmland Trust

Robert Malmsheimer
Professor of Forest Policy and Law: SUNY ESF

Stephanie Morningstar
Coordinator: Northeast Farmers of Color Land Trust

John Noble
President: Noblehurst Farms

Julie Suarez
Associate Dean: College of Agriculture and Life Sciences at Cornell University

Ned Sullivan
President: Scenic Hudson

Donna Wadsworth
Communications Manager: Ticonderoga Mill at International Paper

Elizabeth Wolters
Deputy Director of Public Policy: New York Farm Bureau

Peter Woodbury
Senior Research Assoc & Environmental Modeler: Cornell University

Nelson Villarrubia
Executive Director: Trees New York
Suggested: Energy Efficiency and Housing Panel

RuthAnne Visnauskas, Chair
Commissioner: Homes & Community Renewal

Janet Joseph
Senior Vice President for Strategy and Market Development: NYSERDA

Peggie Neville
Deputy Director of Clean Energy: Department of Public Service

Gina Bocra
Chief Sustainability Officer: NYC Dept. of Buildings

Kyle Bragg
President: 32BJ SEIU

Dan Egan
Senior Vice President of Energy & Sustainability: Vornado Realty Trust

Bret Garwood
Chief Executive Officer: Home Leasing, LLC

Jin Jin Huang
Executive Director: Safari Energy, LLC

Clarke Gocker
Director of Policy and Strategy: PUSH Buffalo

Elizabeth Jacobs
Acting Executive Director: Akwesasne Housing Authority

Jamal Lewis
Sr. Policy & Technical Assistance Specialist: Green & Healthy Homes Initiative

Sadie McKeown
EVP & COO: The Community Preservation Corporation

Bill Nowak
Executive Director: NY Geothermal Energy Organization

Molly (Dee) Ramasamy
Head of Deep Carbon Reduction: Jaros, Baum & Bolles

Daphany Sanchez
Executive Director: Kinetic Communities Consulting

Laura Vulaj
Senior Vice President & Director of Sustainability: SL Green Realty Corp.
Suggested: Energy-Intensive and Trade-Exposed Industries Panel

**Heather Briccetti**  
President & CEO: The Business Council of New York State

**Tristan Brown**  
Associate Professor of Energy Resource Economics: SUNY ESF

**Doug Grose**  
President: NY CREATES

**Stephen Tucker**  
President & CEO: Northland Workforce Training Ctr

**Eric Gertler, Chair**  
President & CEO: Empire State Development

**Keith Hayes**  
Senior Vice President of Clean Energy Solutions: NYP A

**Jason Curtis**  
Vice President & General Manager: Nucor Steel

**Michael LeMonds**  
Vice President of Environment, Land and Government Affairs: Lafarge

**David Wasiura**  
Assistant to the Director: United Steelworkers District 4

**Carlos García**  
Energy Policy Planner: New York City Environmental Justice Alliance

**Leah George VanScott**  
VP of Business Development: Greater Rochester Enterprise

**Melanie Littlejohn**  
Vice President and Regional Executive Director-Upstate New York: National Grid

**Elisa Miller-Out**  
Managing Partner: Chloe Capital

**Lourdes Zapata**  
President & CEO: South Bronx Overall Econ. Devt. Corp.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Roberta Reardon</td>
<td>Co-Chair Commissioner: Department of Labor</td>
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<td>Doreen Harris</td>
<td>Co-Chair Acting President &amp; CEO: NYSERDA</td>
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<tr>
<td>RuthAnne Visnauskas</td>
<td>Commissioner: Homes &amp; Community Renewal</td>
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<td>John Rhodes</td>
<td>Chair: Public Service Commission</td>
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<tr>
<td>Omar Freilla</td>
<td>Founder &amp; Coordinator: Green Worker Cooperatives</td>
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<td>Gary LaBarbera</td>
<td>President: Building and Construction Trades Council of Greater New York</td>
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<tr>
<td>Michael Padgett</td>
<td>Vice President of Energy: Alcoa</td>
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<tr>
<td>Brian Raley</td>
<td>Principal Staff Engineer: Global Foundries</td>
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<tr>
<td>James Shillitto</td>
<td>President: Utilities Workers Union of America Local 1-2</td>
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<tr>
<td>Maritza Silva-Farrell</td>
<td>Executive Director: ALIGN</td>
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<td>Ted Skerpon</td>
<td>Chair: IBEW Local 97 &amp; Utility Labor Council</td>
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<td>Lara Skinner</td>
<td>Executive Director: The Worker Institute at Cornell University</td>
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<td>Candis Tolliver</td>
<td>Political Director: 32BJ SEIU</td>
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<tr>
<td>Randy Wolken</td>
<td>President: MACNY &amp; Manufacturers Alliance</td>
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Next steps for the advisory panels:

> Organize a first meeting in the first half of September to develop a Work Plan, which would include:

• A Scope of Work, identifying topics and issues of the panel discussions, breakdown of sub-issues as needed, potential initial identification of needed research or analysis.

• A timeline for conducting work and reaching recommendations. The timeline should include:
  • Projected schedule of meetings and public engagement opportunities;
  • Points of consultation with the Climate Justice and Just Transition working groups;

• Identify any other processes or milestones that may inform the development and submission of recommendations.
Timeline to Draft Scoping Plan

- **Climate Action Council Mtgs**
  - August
  - September
  - October
  - November
  - December

- **Advisory Panels**
  - Work Plan
  - Recommendations Development and Outreach
  - Feedback as needed

- **Climate Action Council**
  - Integration Analysis
  - Review Draft Integrated Strategy
  - Prepare to Issue Draft Scoping Plan
Discussion: Waste Management Emissions
Waste Management Emissions

**Contribution to Statewide Emissions**

- Historically represents approximately 8% of statewide emissions
- Main source is methane via organic waste decomposition in landfills
- Contribution will be greater with 20-year Global Warming Potential required by CLCPA

**Waste Management in the Scoping Plan**

- May include
  - Waste reduction policies
  - Recycling
  - Food Donation
  - Organics recycling (composting, anaerobic digestion, etc.)
  - Waste-based fuels
Waste Management Working Group

Proposed Structure

- Comprised of agency staff
  - Led by DEC Divisions of Materials Management and Air Resources
- Works closely with key stakeholders
- Coordinate with local governments and community groups
- Seek public input to inform the development of recommendations
- Provide regular updates to the Council on progress
- Recommendations included in the Scoping Plan integration analysis

Advantages

- Expertise
- Key implementation agencies
- Can start work right away
- Existing relationships with relevant stakeholders
CLCPA Implementation
GreenNY Council

> Multi-agency working group created by Governor Cuomo and co-led by DEC, NYPA, OGS, and NYSERDA
  • Charged with assisting agencies in implementing lead by example directives
  • Serve as a resource for reducing agency greenhouse gas emissions in accordance with CLCPA Section 7.1

> Provide resources to agencies to:
  • Procure low carbon products and services
  • Assist with performing energy and waste audits
  • Address technical challenges
  • Train staff on climate science, waste reduction, and more
  • Identify cost effective projects and financial assistance
  • Share best practices
  • Guide projects in 3rd party and leased space

> Simplified and harmonized reporting across lead by example directives
FY 18-19 Greening New York State Report

Highlights

> State facilities decreased energy use 14.4% since 2010
  • Projecting a 22% decrease by the end of 2020, exceeding BuildSmart goal of 20%

> In 2019 alone, energy efficiency measures reduced greenhouse gas emissions more than 290,000 tons

> State facilities generated 10 million kWh of solar power
  • Triple the amount generated in 2016

> State green purchasing program invested $124 million in green products
  • An increase of $7 million from previous year

> State employees commute using transit at 4 times the national average

> Twice as many agencies are composting organic material than in 2012

Report available here
Part 496: Statewide GHG Emission Limits

Proposal released August 14, 2020

• Sets 2030 and 2050 emission limits based on revised 1990 baseline per CLCPA requirements (Upstream emissions from fossil fuels, 20yr GWP)
  - CLCPA baseline: 401.38 million metric tons (MMT), prior NYS GHG Inventory baseline: 236.19 MMT
  - 2030 limit: 240.83 MMT; 2050 limit: 60.21 MMT
• Virtual public hearings scheduled for October 20, 2020
• Public comment accepted through October 27, 2020
• Details at: https://www.dec.ny.gov/regulations/121052.html

Key Considerations

• Emission limits based on 1990 gross emissions, annual inventories are net
• Methane quantification
• Commencing work on annual inventories
  - Net accounting methodology being developed through a stakeholder process
  - Further refining methane accounting in intervening years based on data availability
Next Steps