

Reaching New York's Climate Goals: Your Chance to Weigh In on the State's Plan



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Public Comment Prep Session - Hudson Valley Hearing

What we're covering this evening

- 1. The Who, What & How of the Scoping Plan**
- 2. Key recommendations in 4 emissions sectors (85% of emissions): buildings, transportation, electricity, waste**
- 3. Your participation in the process!**
 - a. Preparing for the May 12 Hudson Valley Public Hearing**
 - b. Submitting written comments**

Draft Scoping Plan contents

Sect 1: Overview

Sect 2: Pillars of Plan

Objectives

Climate Justice

Just Transition

Public Health

Sect 2: Evaluation of Plan

Hitting Emissions Targets

Benefits and Costs

Health Effects

Sect 3: Sector Strategies

Transportation

Buildings

Electricity

Industry

Ag & Forestry

Waste

Sect 4: Cross-cutting Policies

Carbon taxing/pricing strategies

Transitioning off of gas

Land use policies

Local government

Adaptation/Resilience

Sect 5: Measuring Success

What is the Draft Scoping Plan?

A proposed plan for meeting the goals of the 2019 **Climate Leadership and Community Act**. These include:

- Reducing GHG emissions by **40%** by **2030** below 1990 levels, achieving **net-zero** emissions by **2050**.
- Generating **70%** of electricity from renewable resources by **2030**, achieving **carbon-free** electricity system by **2040**.
- Ensuring a ***just*** and ***equitable*** transition. Dedicating 35% of the benefits of clean energy investments to Disadvantaged Communities (with goal of **40%**).

Why is the Scoping Plan Important?

- **It establishes New York's pathway to reaching the Climate Law's emissions targets and equity goals, and its recommendations will be incorporated in the next State Energy Plan.**
- **The Plan will shape State legislation, regulatory decision-making, and State budget-making in the coming years. (The current draft has already informed the Governor's proposed budget.)**

Overview of Scoping Plan Process

The Climate Law established a **Climate Action Council (CAC) to develop the Scoping Plan.**

Co-chairs: DEC Commissioner Basil Seggos and NYSERDA President Doreen Harris

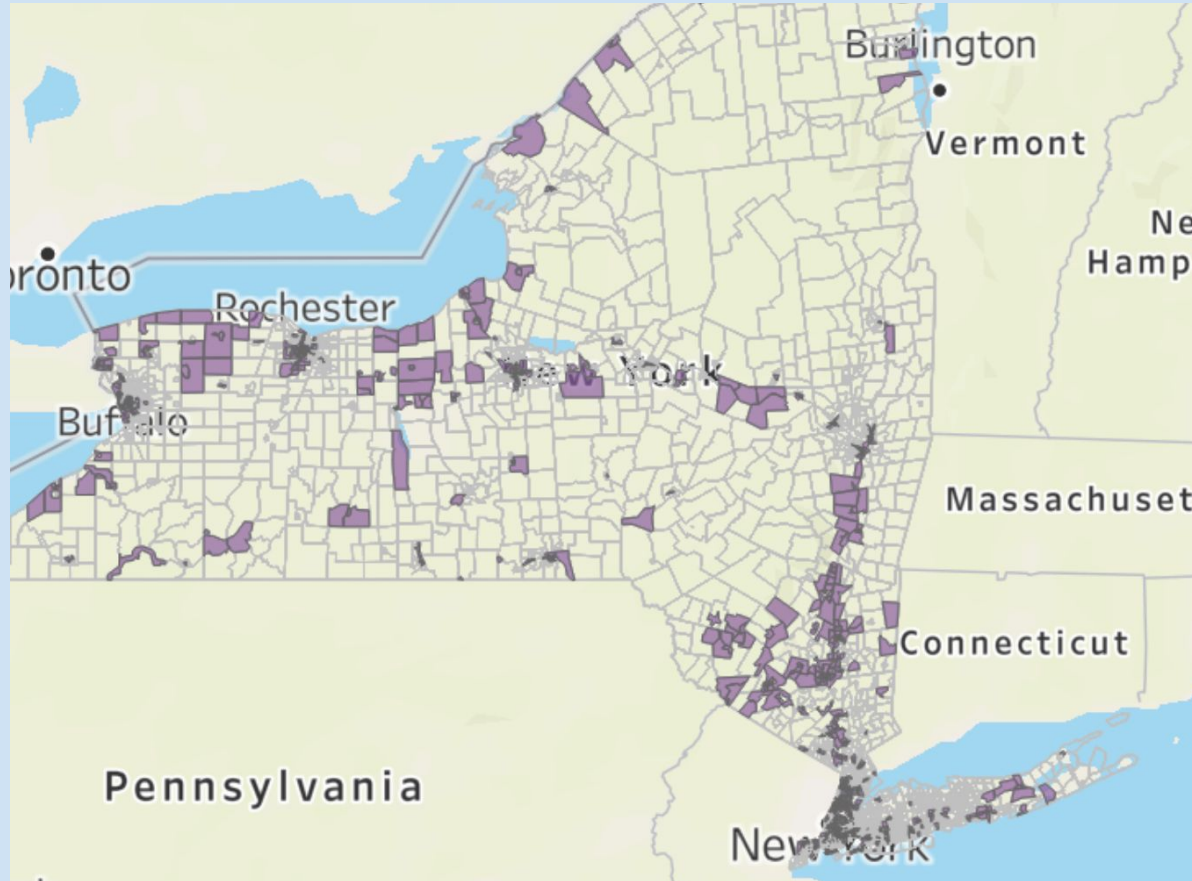
Members: **12** State department/agency heads, and **10** members appointed by Senate (4), Assembly (4), and Governor (2). Appointed members are primarily a mix of environmental and climate justice advocates, industry reps, and scientists.

<https://climate.ny.gov/Our-Climate-Act/Climate-Action-Council>

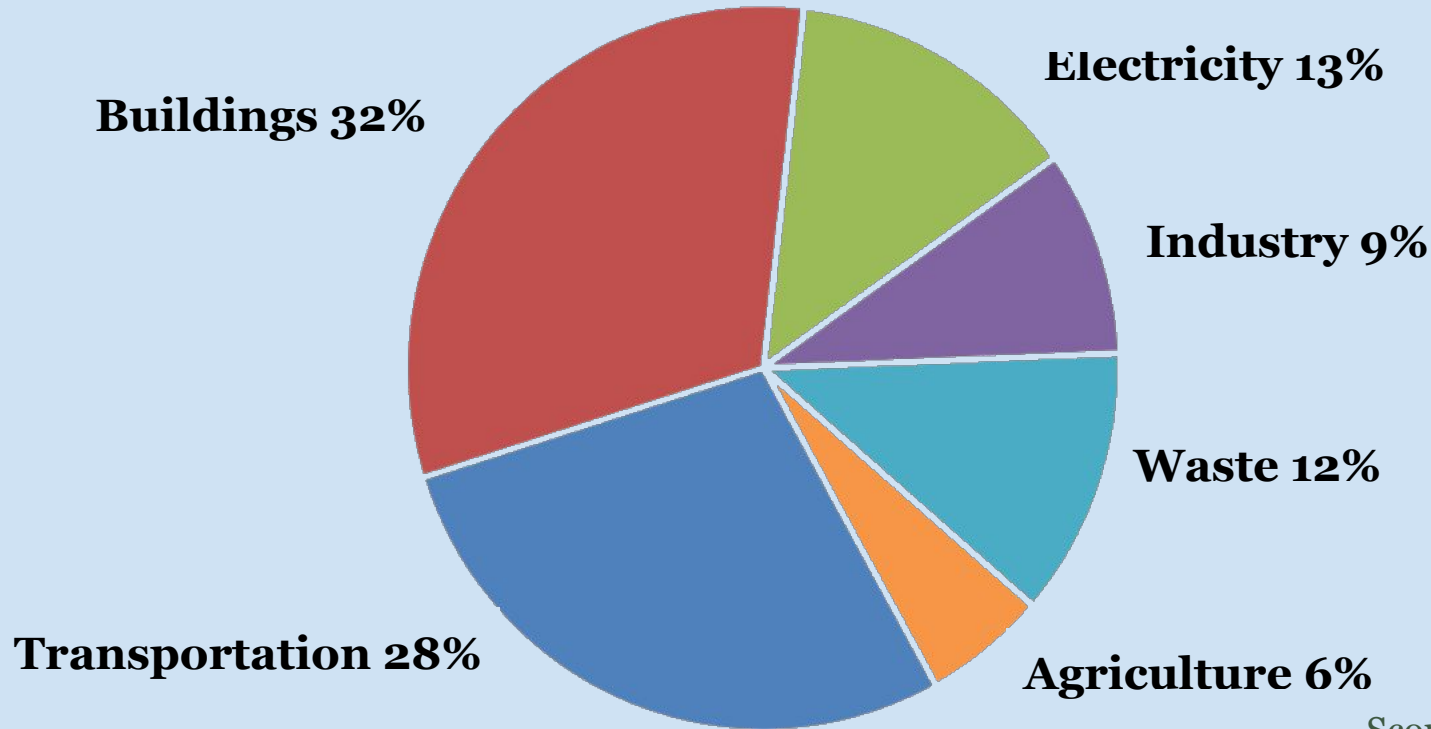
Advisory Panels & Working Groups to CAC

- **Seven Advisory Panels** with involvement/expertise in: transportation, energy efficiency & housing, power generation, industry, agriculture & forestry, land use & local government, and waste.
- **Climate Justice Working Group:** Representatives from environmental justice communities statewide and from NYS DEC, Health & Labor Depts, NYSERDA. Responsible for defining criteria for Disadvantaged Communities, and reviewing & providing input into Plan recommendations.
- **Just Transition Working Group:** Advises on workforce development and training opportunities and on mitigating impacts on workers and communities in affected industries (e.g., fossil fuels), undertakes related studies & develops recommendations to ensure a just transition.

Draft Disadvantaged Community Map



Where New York's emissions are coming from.... (2019)



Meeting our climate goals with require transformative changes in every sector

Here's a snapshot of some of the changes that will have to be made, according to the Integration Analysis for the Scoping Plan:

- **By 2030, we need to:**
 - **Electrify 1-2 million homes with heat pumps.**
 - **Replace 3 million gas vehicles on the road with EVs.**
 - **Divert 100% of organic waste from landfills.**
- **By 2040, fossil fuel power plants (43% of generation) must be fully retired, replaced primarily by wind and solar, together with battery storage.**

What will it cost us?

The Plan's Integration Analysis assessed benefits of avoided GHG emissions, health co-benefits, and resource costs, and found that:

- The cost of ***inaction*** exceeds the cost of action by over **\$90 billion**.
- **Net benefits: \$90 billion - \$120 billion** (primarily from savings in public health and avoided economic impacts of damages caused by climate change).
- **Net costs are small relative to economy's size:** \$15 billion, or **.6% - .7%** of Gross State Product (GSP) in 2030; \$45 billion, or **1.4% of GSP** in 2050. Net costs are small relative to economy's size.

Much of equipment/durable goods will be replaced at end of useful life & would be replaced anyway (e.g., cars, 10-12 years).

Health benefits of achieving emissions targets

Eliminating fossil fuel combustion provides enormous public health benefits, reducing co-pollutants, such as fine particulates (PM_{2.5}), and improving air quality.

"In all scenarios, air quality improvements can avoid tens of thousands of premature deaths, thousands of non-fatal heart attacks, thousands of other hospitalizations, thousands of asthma-related emergency room visits, and hundred of thousands of lost work days." (Scoping Plan, p. 86).

\$50 - \$120 billion in savings between 2020 and 2050 due to air quality improvements and impacts on health, alone. (ibid., p. 85)

Jobs benefits & impacts

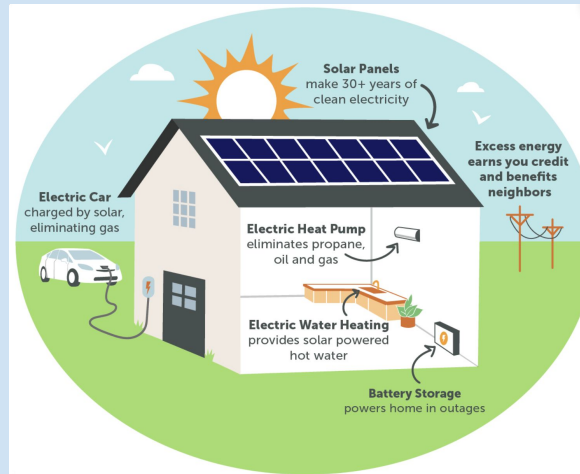
Key findings of the Just Transition Working Group's Jobs Study:

- **Statewide net gain of 189,000+ jobs by 2030 (268,000 jobs by 2050).**
- **Largest wage increase in middle wage positions (\$28-\$37 an hour),** bucking trend of last 50 years.
- Over half of new jobs are in the building sector.
- **211,000 new jobs created in 21 subsectors; 22,000 jobs displaced in seven subsectors: A 10:1 ratio.**
- Gas stations account for a third to a half of jobs potentially displaced.

Full report can be found at: <https://climate.ny.gov/Climate-Resources>

BUILDINGS:

Key Scoping Plan Recommendations to Support



Building codes & standards



This year: Adopt Advanced building codes & appliance standards, and benchmarking requirements (beginning with multifamily & commercial bldgs over 10,000 sq ft.)

2024: All-electric codes for new construction (residential under 5 stories);

2027: All-electric codes extended to new commercial & remaining residential.

2030: Enact zero-emissions standards for replacement of fossil fuel equipment **at end of useful life** (most residential).

2035: Extend standards for fossil fuel replacements to large multifamily & commercial); zero emissions standards for end-of-useful-life replacements of **gas appliances (stoves, dryers)**.

Getting off gas



- **Align Public Service Law & Transportation Corporation Law with Climate Law**, eliminating utilities' obligation to serve gas and supporting the transition to equitable, energy-efficient electrification.
- End utility and NYSERDA marketing of natural gas; ramp up positive marketing & incentives for heat pumps.
- Plan for a managed, equitable transition to clean heating & cooling systems that maintains affordable, safe, and reliable utility service. Urge the Climate Action Council to include in the Scoping Plan the **Gas Transition and Affordability Act (S.8198)** to begin this process & end gas expansion.

No false solutions!



- Affirm efficient electrification as the appropriate pathway to eliminating emissions from buildings, not false solutions like renewable natural gas (RNG) and hydrogen.

Funding for an affordable transition



- **Commit \$1 billion annually** in funding to assist with upgrades and electrification of low- and moderate-income households, which is the minimum level of funding NYSERDA estimates is needed. **This is essential to a just and equitable transition.**

TRANSPORTATION:

Key Scoping Plan Recommendations to Support



Electrify transportation

- Require a progressively-structured "**feebate**" on car purchases to encourage EV purchases and leases (new & used).
- **Eliminate sales tax** for new and used EVs.
- Move up proposed target for zero-emissions State passenger fleet to **2030**.
- Accelerate State-supported **fast-charger infrastructure** build out.
- **Fix utility rates** to encourage EV uptake and off-peak charging.

Expand public transportation

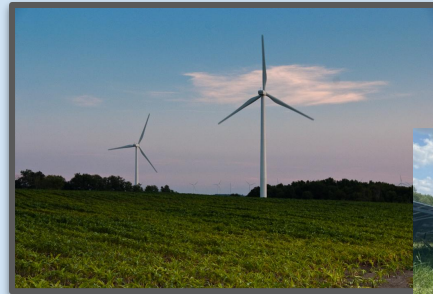


- Direct the State to work with **municipal transportation systems** on a plan **to electrify systems** at defined replacement schedules, and increase financial assistance for electrification of non-MTA public transportation.
- Develop a strategy to support expansion public transportation outside of New York City.

Share your community's public transportation needs/priorities with the Climate Action Council!

ELECTRICITY:

Key Scoping Plan Recommendations to Support



Transition off of fossil fuels

- **Prohibit permitting of new fossil fuel infrastructure** to avoid increases in GHG emissions and creation of more stranded assets.
- Promulgate regulations to ensure a continual decline in GHG emissions from power plants, **reaching zero by 2040**, as per Climate Law.
- **Ensure power plants disproportionately harming Disadvantaged Communities close first.**
- Ensure adequate **funding for localities** affected by plant closure.
- Ensure **plant-owner responsibility** for site remediation.
- **Incentivize** re-use of power plant sites for **battery storage**.

Ramp up renewable energy development

- Set **annual MW targets for State permitting of renewables** to reach the Climate Act's near-term target of a 70% renewable grid by 2030.
- Expand the Clean Energy Standard to include **battery storage** (or create a separate storage standard) to achieve 15 MW of storage by 2040.
- Support **high-value renewable projects that contribute to equity, resilience & smart land use** (e.g., incentivize: solar with electrification of low-income housing; solar with battery storage on roof-tops, over parking lots & on brownfields; **agrivoltaics**).
- Require utilities to **expand hosting capacity/speed up processing of interconnection applications** to better support new renewables serving local grid.



Support communities as partners in the clean energy transition



- Provide resources and assistance to local governments to **streamline permitting and zoning for renewable energy**.
- Develop a **Clean Energy Development Mapping Tool** for local governments to help them plan/site renewables.
- Expand **benefits to communities hosting large-scale renewable projects**, and tailor those benefits to community needs and priorities.

Share your ideas!

- What would help build support for siting renewables in your community? (see Scoping Plan recommendations, p.162-164)
- What public benefits should state/developers provide to communities hosting large-scale renewable projects?

Launch a MASSIVE statewide education campaign

Successful implementation of the Climate Act depends upon public support and engagement to meet climate goals. It also depends on inspiring young people to pursue clean energy careers and create the workforce needed to transform New York's economy.

The Final Scoping Plan should:

- **Direct NYSERDA to support a well-funded statewide public information/education campaign**, utilizing all forms of media. Engage partners in direct outreach, including Clean Energy Hubs, educational and community-based partners.
- Direct the State Education Department to develop climate change curricula & clean energy jobs training and opportunities in **K-12 schools**.

Build the clean energy workforce we need

- Engage the NYS Education Department, SUNY/CUNY system, labor, community-based organizations, and workforce development and private sector partners to develop and implement **a strategy to recruit, train, and skill up the necessary clean energy workforce.**
- **Create a State Office of Just Transition** to ensure a coordinated, proactive approach to addressing issues related to economic development, job quality, socio-economic impacts, job loss, worker displacement, and job-readiness requirements for employment opportunities in emerging industries.
- Ensure that **strong labor standards and protections** exist across all clean energy sectors.

WASTE:

Key Scoping Plan Recommendations to Support



Organic Waste



- Strengthen **Food Donation & Food Scraps Recycling Law**; set targets & timetable to eliminate combustion & landfilling of organic waste.
- **Require a per/ton surcharge on all waste** to fund reduction, reuse and recycling programs, as recommended by the Scoping Plan.
- Expand local financial assistance for **organics recycling infrastructure** & require local solid waste management planning to incorporate **food scraps recovery**.
- Expand successful models of **organics collection programs**, including to multifamily & public housing.
- **Develop a plan to support markets for compost and encourage use by farms** as an alternative to synthetic fertilizers.

Waste Reduction

- Enact broad **extended producer responsibility** (EPR) requirements.
- Enact "**By Request Only**" legislation for plastic straws, stirrers, utensils, and individually packaged condiments; **require reusable/refillable** options in retail outlets.
- Require **minimum level of recycled content** in certain products & packaging.
- **Extend the "Bottle Bill"** to wine, spirits & non-carbonated beverages and increase deposit to **ten cents**.
- **Enact state procurement standards** for recyclable products.
- Implement **comprehensive textile waste reduction & recycling**.
- **Enact legislation to reduce and phase out single-use packaging**.
- **Develop a target date and timetable for phasing down waste incineration, and end renewal of 20-year permits for existing facilities.**

Speak at the Hudson Valley Hearing!



WHEN: Thurs., May 12 (4 - 7 pm)

**WHERE: Paramount Hudson Valley Theatre
1008 Brown St., Peekskill, NY 10566**

Pre-register here:

<https://nyserda.seamlessdocs.com/f/PublicHearings>

Tips for preparing to speak

- **Pre-register now! ([here](#))**
- **Make sure to show up at the hearing on time so that you do not miss your turn to speak.**
- **Comments are limited to *two minutes*, so must be brief and to the point!**
- **Prepare your statement in advance (*2 minutes = 240 words*). You can read your statement at the hearing (no need to memorize). Practicing can help make you feel more comfortable!**

In your statement:

- **Identify yourself and where you live.**
- **Make it personal: Why does this matter to you?**
- **Some key points to consider making:**
 - **New York needs a strong plan to shift off fossil fuels** and achieve the goals of the Climate Act and respond to the climate emergency.
 - **All-electric solutions** to replace fossil fuels in buildings and transportation, **powered by a clean, renewable grid**, is the most efficient and realistic pathway to achieving net-zero emissions by 2050.
 - **This pathway will also create the most jobs.** The **Jobs Study** for the Scoping Plan estimates that 189,000 jobs will be created by 2030, alone.
 - Getting off fossil fuels will **improve our health and quality of life**, and save New Yorkers an estimated **\$50-\$120 billion** by 2050 in avoided health care costs.

Submit written comments!

Visit NYCP's public comment toolkit to help make commenting easier:

<https://nyforcleanpower.org/cac-scoping-plan/>

Submit written comments on the Climate Action Council website:

<https://nyserda.seamlessdocs.com/f/DraftScopingComments>

To help you prepare, check out these public comment guides on Scoping Plan recommendations from New Yorkers for Clean Power:

***Buildings:** https://docs.google.com/document/d/1XHi79fkCZrbT18OpCHBrHHRUs6tN_CDB5WL87ZzlnpM/edit?usp=sharing

***Electricity:** <https://docs.google.com/document/d/17wrl9bTjQpbob80k0IWw3HzEzEx27vZDYlbs3bkSjio/edit?usp=sharing>

***Waste:** <https://docs.google.com/document/d/1091LhopbmVDsm1AWdIK7D8bJRebtxDbB4XyqwNaWf2M/edit?usp=sharing>

Timeline of the Scoping Plan Process

CAC held 18 public meetings to deliberate on the contents of the Draft Scoping Plan. In this time, Advisory Panels and Working Groups also held public meetings to develop recommendations.

**Public
comment
period, incl. 6
statewide
hearings.**

CAC Finalizes
Scoping Plan



Dec. 20, 2021:
Draft Scoping Plan
approved by CAC for
public comment.

Dec. 31, 2022:
Deadline for delivery
of final Scoping Plan
to Governor and
Legislature.

Thank you!!

