



Power Generation Advisory Panel Evening Public Input Session

February 3, 2021



**Climate Action
Council**

PowerGenPanel@dps.ny.gov

Climate Leadership and Community Protection Act (CLCPA), Targets Codified into Law

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

40% reduction in emissions by 2030

100% zero-emission electricity by 2040

70% renewable electricity by 2030

9,000 MW of offshore wind by 2035

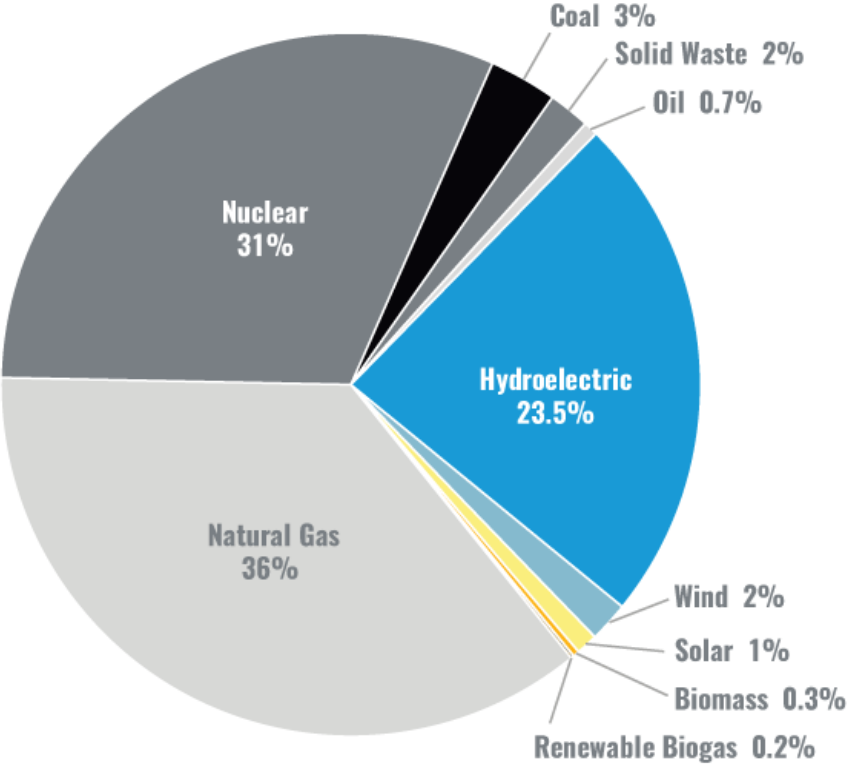
6,000 MW of distributed solar by 2025

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 System Mix, 2018 to 2030



Renewables = 27% of 2018 NYS Load (158 TWh)

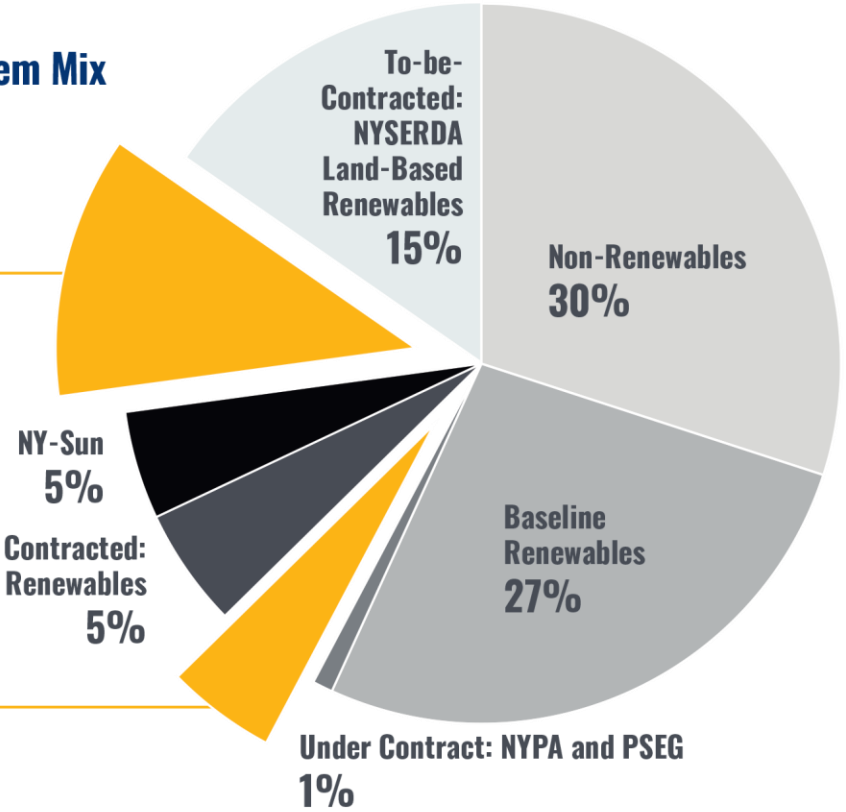


Clean Energy Transition

New York's Projected 2030 System Mix

To-be-Contracted:
NYSERDA Offshore Wind
12%

Awarded and/or Contracted:
NYSERDA Offshore Wind
5%



Renewables = 70% of projected 2030 NYS Load (152 TWh)

Investing in Disadvantaged Communities

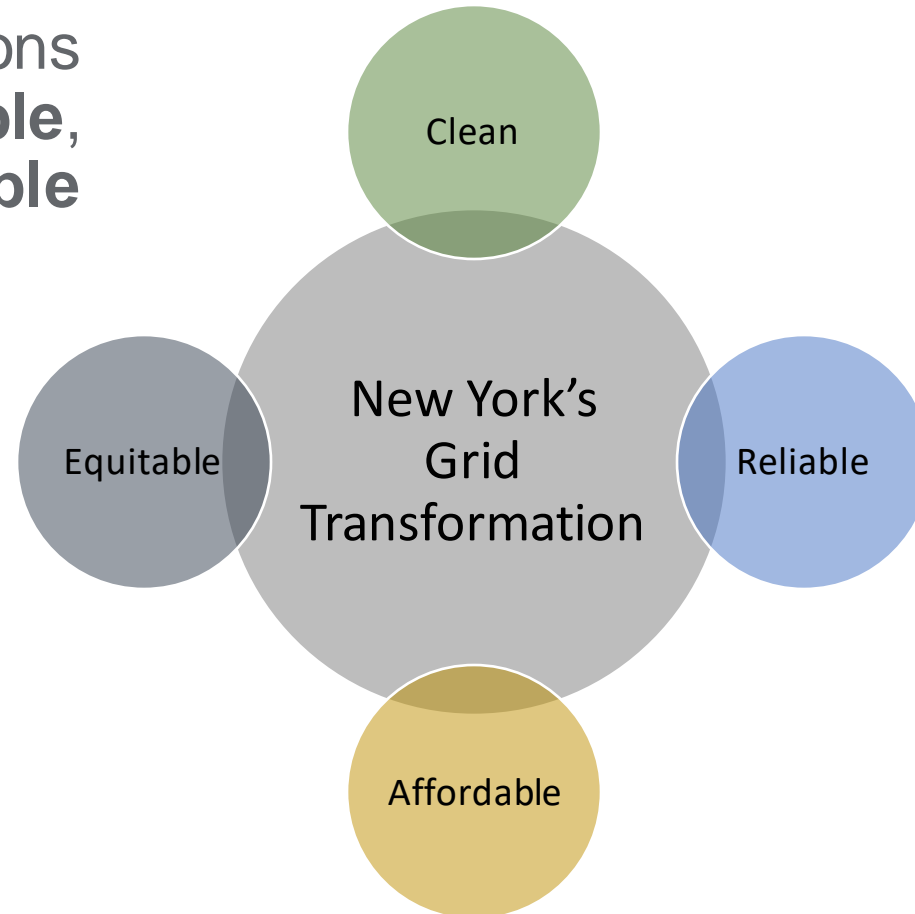
Invest or direct available and relevant programmatic resources in a manner designed to achieve a goal for disadvantaged communities to receive 40% of overall benefits of spending on:

- > 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)

Power Generation Considerations

Develop recommendations to achieve **clean, reliable, affordable, and equitable** electricity system



Power Generation Considerations



Clean

- > Build on existing approaches to invest in and site the new renewable generation needed to reach 70x30 renewables and 100x40 zero emissions
- > Enhance clean energy siting to rapidly deploy and optimize the locations of the projects
- > Address needed changes in natural gas transmission and distribution - including leakage
- > Accelerate the development of technology and identify research needs
- > Advance market and regulatory innovation needed to support these strategies
- > Expand the growth of renewable generation and energy efficiency

Power Generation Considerations

Reliable

- > Build on existing approaches to invest in the transmission/energy delivery to transport that clean power to customers
- > Ensure reliability in the transition, including “flexibility” from dispatchable generation, storage, or dynamic load
- > Accommodate new peak and load from electrification of buildings and vehicle
- > Effectively transition away from fossil fuel energy generation while maintaining reliability, safety standards, and affordability
- > Deploy energy storage and distributed energy resources to improve efficiency and flexibility of the electric grid
- > Improve and increase capacity for energy delivery and hosting capacity

Power Generation Considerations



Affordable

- > Maximize the market participation of different technologies in a way that adds to system efficiency and sends correct price signals to resources over time
- > Ensure New Yorkers have access and can afford to participate meaningfully in New York's clean energy future
- > Generally ensuring that disadvantage communities receive 40% (minimum 35%) of the benefits of clean energy investments

Power Generation Considerations



Equitable

- > Enable an equitable, clean energy workforce
- > Identify and proactively advance opportunities to address health disparities in communities hosting fossil-fueled electric generation, new renewable energy, access to energy efficiency and siting
- > Ensure swift and certain emissions reduction in overly burdened communities
- > Ensuring that the clean energy jobs transition achieves access and opportunity for all New Yorkers, with a special attention to the “front line” communities, such as disadvantaged communities who have been left out to date and of existing energy workers
- > Ensuring that front line communities have equitable access to clean energy solutions

Questions

- > Do you understand the CLPCA's requirements with respect to electricity and power generation? What questions do you have about the CLCPA and the Power Generation Advisory Panel?
- > What do you see as the most pressing issue(s) for the Power Generation Advisory Panel to address?
- > What are your ideas about what New York State should be doing to make sure that we meet the electricity sector goals?
- > Do you have any recommendations or recommendation topics about how to meet New York's CLCPA goals for the electricity sector that you'd like to see the Panel take up?
- > Climate justice and equity are important CLCPA goals. What are your ideas for making sure that the CLCPA is implemented in an equitable way? What benefits would you like to see in your community?
- > What would you consider to be "good" outcomes of the process? What concerns do you have about the process?
- > How should the Panel communicate with/engage communities?
- > Are there any considerations that are impactful at a local level that you think the Panel needs to consider?

Public Input: *Public Commenter Procedures*

1. Indicate your interest in speaking by entering your **name** (first & last) in the “**Q&A**” feature of the WebEx.
2. When called upon, **turn on your camera** and/or **microphone**.
3. Announce your **name** and **organization** (if you are representing one).
4. You will be provided with **up to 2 minutes** (or **3 minutes** if representing an organization) to comment on the work of the Panel.
5. You may also enter **written comments** into the “**Q&A**” feature of the WebEx; staff may read aloud your comments.
6. Your comments will be **documented** as part of the Power Generation panel's deliberations.

Alternative Options:

- > **Written comments** are strongly encouraged and may be submitted to the Panel at any time via e-mail to PowerGenPanel@dps.ny.gov.
- > Commenters also may **call toll-free** the PowerGen Public Input Line at **1-833-498-2082**. This number is set up to take comments from in-state callers, 24 hours a day.