



# New york electric grid porto novo

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Achieving 9,000 megawatts of offshore wind will help deliver New York's goal of 70 percent renewable energy by 2030

New York's transition to a clean energy future will require 70 percent of our electricity to come from renewable sources by 2030. To support the rapid growth of renewable energy generation in the State, including 9,000 megawatts of offshore wind by 2035, New York will develop a plan for upgrading our electricity grid with smart new technologies that increase the capacity and effectiveness of our transmission system. Authorizing and building new transmission capacity will prepare the way for new renewable energy sources and bring clean power to areas of the state with the greatest need.

NYSERDA recommended a direct radial transmission approach dedicated to specific projects and owned by the developer in the State's first and second solicitations for offshore wind energy. Going forward, the State will continue to evaluate the potential of a backbone approach – or offshore transmission grid – in its effort to provide an optimized set of solutions to New York's ratepayers.

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On August 17, 2022 The Department of Public Service staff alongside staff from NYSERDA held a virtual technical conference to provide a forum for interested stakeholders to discuss the Brooklyn Clean Energy Hub, proposed in the proceeding by Consolidated Edison Company of New York, Inc. on April 15, 2022. Interested parties may view the webinar [here](#) .

Materials for this webinar:

NYSERDA is leading the coordination of offshore wind opportunities in New York State and is supporting the development of 9,000 megawatts of offshore wind energy by 2035 in a responsible and cost-effective manner. Offshore wind will be a crucial step on the pathway to a carbon-neutral economy and a critical component in achieving the expanded Clean Energy Standard, whereby 70 percent of New York's electricity will come from renewable sources by 2030 under the Climate Leadership and Community Protection Act, New York's ambitious and comprehensive climate and clean energy legislation.

The Five Boro Energy Connect project responds to a New York Independent System Operator solicitation for at least 4.7 GW of incremental offshore wind to be delivered into New York City by 2033.

The New York Power Authority and an LS Power affiliate on June 17 submitted joint proposals to the New York Independent System Operator for the Five Boro Energy Connect, a set of transmission upgrades that could bring up to 8 GW of offshore wind to New York City by 2033, NYPA announced June 21.



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The transmission proposals, "are designed to ensure energy resiliency, reduce emissions, and create clean energy jobs while also engaging New Yorkers in the clean energy transition," NYPA President and CEO Justin Driscoll said in a statement.

The proposals respond to an April solicitation issued by NYISO at the direction of state regulators. The New York Public Service Commission in 2023 concluded that transmission investment was needed to move offshore wind generation to the nation's most populous city to meet the state's clean energy goals.

The Climate Leadership and Community Protection Act, passed in 2019, requires the state to install 9,000 MW of offshore wind by 2035. The PSC's order last year required transmission proposals to meet a Jan. 1, 2033, in-service date, with projects capable of interconnecting a minimum of 4,770 MW of offshore wind? with Consolidated Edison's distribution system.

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