

NYISO ENVIRONMENTAL ADVISORY COUNCIL

Fall Meeting
Thursday October 6, 2022

Renaissance Hotel, Dewitt Ballroom
144 State St, Albany NY

Agenda

9:30 AM – 3:30 PM

Public Policy: Infrastructure and Market Planning

The CLCPA is driving the need for investment in the grid and new market tools that can help to guide those investments to where they are most effective. Demand for data on the carbon-intensity of the electricity supplied to the grid is growing as policymakers and private investors alike seek to quantify and reduce the emissions associated with their policies and energy consumption. NYISO stakeholders and external parties have expressed an interest in seeing real-time emissions reported publicly. In addition, the Energy Information Administration was tasked with requirement to publish “spatially and temporally granular” electricity emissions rate data through the Infrastructure Investment and Jobs Act. Resources for the Future’s Karen Palmer will discuss her work and findings in supporting these efforts to date.

While New York has ambitious goals for offshore wind development, national goals of 30 GW of offshore wind energy by 2030 and 110 GW by 2050 establish opportunities for coordinated integration of these resources across regions. NREL is undertaking an Atlantic Offshore Wind Transmission Study to evaluate multiple pathways towards achieving these goals using “coordinated transmission solutions. Among the many objectives of the study is to identify scenarios and pathways for deploying transmission topologies (i.e., radial, backbone, meshed), sequencing, and buildout of transmission between now and 2030 and 2050. NREL’s Melinda Marquis will provide an overview of the study and its relevant findings to date.

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| 9:30 – 9:45 | Introductions & Welcome Remarks
Emilie Nelson – Executive Vice President, NYISO |
| 9:45 – 10:45 | Findings from the Outlook
Yachi Lin – Director, Transmission Planning
NYISO |
| 10:45 – 12:00 | Options for Electricity Emissions Rate Reporting
Karen Palmer – Senior Fellow, Resources for the Future |
| 12:00 – 1:00 | Lunch |
| 1:00 – 2:15 | Atlantic Offshore Wind Transmission Study
Melinda Marquis – Offshore Wind Integration Lead, NREL |
| 2:15 – 3:00 | Discussion |
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