

Our Infrastructure Integrity

Expand Sustainability Efforts for Climate Resiliency & Cost Savings

Metro-North's services reduce our region's carbon footprint by getting people out of cars and onto trains.

WAY AHEAD

MOVING FORWARD

This contributes to the MTA's overall **avoidance of over 17 million metric tons of greenhouse gases annually**. As the impacts of climate change become more evident, we are seeking ways to become more energy efficient and to build resiliency into our system and projects. Operating more sustainably serves the environment, the region and our bottom line by reducing energy expenses.

Moving Forward – we will:

- ▶ **Maintain our ISO Energy Management System certification status** to support proactive energy management across the railroad
- ▶ **Increase utilization of regenerative braking capabilities** across our fleet types to improve our energy efficiency
- ▶ **Identify additional energy efficiency opportunities** to help achieve New York State's BuildSmart 2025 goal for the MTA of almost 1 Trillion BTU of savings from 2015 levels
- ▶ **Install a 150kW electricity-generating system of solar panels** on the roof of our new maintenance facility in Croton-Harmon and investigate additional microgrid opportunities at other facilities and rail yards
- ▶ **Expand our participation in Demand Reduction programs**, decreasing electrical usage at times of peak demand
- ▶ **Review major projects and procurements for energy efficiency enhancements**, energy savings as well as energy sustainability and resilience
- ▶ Collaborate with Long Island Rail Road on a **feasibility assessment of a battery-powered train**



Metro-North Railroad