



## Albany County Electric Vehicle Goals Make Progress with National Grid Support



Albany County has an ambitious goal to reduce its carbon emissions by half and convert 100 percent of its light-duty fleet to electric by 2029.

To accomplish that goal and increase accessibility of electric vehicle charging for its residents and visitors, the county has invested in its electric vehicle infrastructure by installing 30 L2 charging ports since 2018 as well as purchasing its first bulk fleet of electric vehicles in 2022.

Part of what made those investments feasible are incentives worth more than \$100,000 from National Grid.

“We’re trying to be the greenest county in the state of New York and the nation,” said Daniel P. McCoy, Albany County Executive. “Reducing our carbon footprint makes us sustainable and shows we’re leading by example. We’re making it possible for our business partners to plug in their cars, and we’re encouraging county workers to go electric. None of that would ever happen without the DEC, NYSEERDA, National Grid and Albany County coming together to make it work. We must have the infrastructure in place.”

“Albany County has been very thoughtful about where they’re planning their EV charging,” said Renée Devine, manager of electric vehicle and demand-response implementation at National Grid. “So far, they’ve had EV charging ports built at 11 locations, including the MVP Arena parking garage where they park the county fleet, the Shaker Place nursing home, trailheads at Ann Lee Pond and the County Rail Trail, the airport and the Albany County Hockey Facility. All places where the residents and employees can take advantage of this service.”

*“Through National Grid’s Make-Ready program, we received incentives to support the site work for our stations.”*

Lucas Rogers, Albany County Executive’s economic development and sustainability coordinator



*Albany County Executive Daniel P. McCoy discusses electric vehicle infrastructure with National Grid’s Renée Devine, at the Ann Lee Pond County Park’s trailhead.*

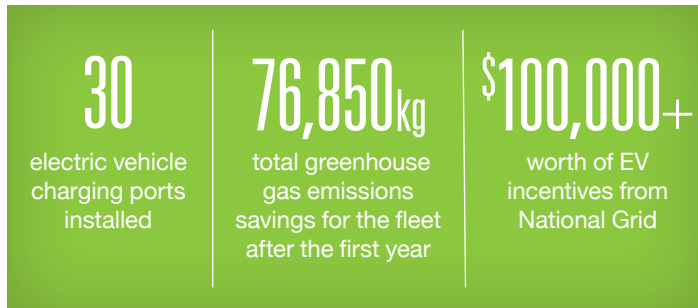
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The process of building EV infrastructure across Albany County started with a NYSERDA grant for becoming the first large Clean Energy Community in the region and was followed by a comprehensive fleet inventory and electrification plan, which included the goal of electrifying its light-duty fleet by 2029 in a way that's affordable for the county and taxpayers.

"There's a lot that goes on behind the scenes to make any charging station installation happen," said Lucas Rogers, economic development and sustainability coordinator in the Albany County Executive's office. "Through National Grid's Make-Ready program, we received incentives to support the site work for our stations. Those incentives made sure that in addition to purchasing the stations, we had the funds to run the power and other infrastructure required to install them."

Albany County's electric vehicles are already showing savings in a variety of ways, including reducing tailpipe emissions, gas, noise and maintenance. The total greenhouse gas emissions savings for the fleet after the first year was approximately 76,850 kg.



"When we look at purchasing electric vehicles, we look at the lifecycle savings," Rogers said. "We know that the fuel savings are there—electric versus gas—but we are also finding that these are just simpler vehicles. Fewer moving parts means maintenance savings over time. So those two factors over the lifecycle of the vehicle really add up."

Partnership between National Grid and Albany County has occurred for far longer than the recent investments in electric charging stations and vehicles. Since 2010, the two organizations have collaborated on 69 energy-efficiency projects that resulted in \$1.1 million worth of energy-efficiency incentives from National Grid.

"Partnering with Albany County has been a true delight," Devine said. "They're informed. They're always prepared and they have great ideas. And they are really in it. They understand the why of energy efficiency and vehicle electrification and how it will be a benefit to their community and residents."



Albany County has a goal to electrify its light-duty fleet by 2029 in a way that's affordable for the county and taxpayers.

"It's been a great partnership, and everything has gone smoothly getting these charging stations built throughout the county," McCoy said. "We're looking forward to many more projects with National Grid in the future."

"The partnership with National Grid has been phenomenal," Rogers said. "Their project support, planning support and, of course, financial support have been key to the success of the expansion of charging stations across the county."



So far, 30 electric vehicle charging ports have been built at 11 locations, including the Albany County Hockey Facility.

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