

ComEd's Plan to Reduce Barriers and Support Adoption of EVs and Electrified Technologies

ComEd is committed to advancing beneficial electrification, including clean transportation, to address the impacts of climate change, empower communities with sustainable investment, and reduce the impact of harmful air pollution that affects disadvantaged communities the most. In a new plan filed July 1 with state regulators, ComEd outlines the ways that beneficial electrification can help advance the goals of the Climate and Equitable Jobs Act (CEJA) – including the goal of putting 1 million electric vehicles (EVs) on the road by 2030.

Pending approval by the Illinois Commerce Commission, ComEd's Beneficial Electrification (BE) Plan would commit \$100 million annually over three years to provide programs that will reduce barriers to the adoption of EVs and other beneficial electrification technologies, catalyze investment in critical charging infrastructure, and promote an equitable allocation of resources to support communities in the greatest need.

SPECIFICALLY, COMED'S PLAN WOULD:



→ **Support key community & public health benefits:**

- Lower greenhouse gas emissions by avoiding an estimated 900,000 metric tons of carbon dioxide emissions, the equivalent of the amount of carbon sequestered by approximately 1 million acres of U.S. forests in one year, an area approximately the size of Glacier National Park.
- Avoid approximately 4,000 metric tons of local pollutants emitted from vehicle tailpipes, providing health and human welfare benefits, especially for disadvantaged communities where vehicle emissions cause the greatest harm to people's health.



- ### → **Prioritize investments for low-income customers and those residing in environmental justice and Restore, Reinvest, Renew (R3) communities, as defined by the State of Illinois.**
- The Plan will target of 50 percent of Residential Program funding, and over 40 percent of Commercial and Industrial (C&I) and Public Sector Program funding, for these communities. **This incentivizes buildout of robust charging network while shielding low income customers from those costs.**



- ### → **Create high-paying jobs to support the deployment of new infrastructure.**

Components of ComEd's Beneficial Electrification Plan



Residential Program: \$15 million per year

To reduce the upfront costs of purchasing and installing EVs, in-home charging stations and non-transportation electrification equipment (like electric cooktops), ComEd is proposing:

- \$6 million to support passenger vehicle purchase rebates of \$3,000 to \$6,000 each
- \$5 million to support charging infrastructure rebates, up to \$3,750 per home
- \$3 million to support home appliance rebates of \$25 to \$3,000 per appliance
- \$1 million to support home appliance infrastructure rebates, up to \$750 for single-family homes and up to \$5,000 for multi-unit buildings



C&I and Public Sector Program: \$63 million per year

To reduce the financial barriers associated with electrifying vehicle fleets, installing charging stations, and adopting other beneficial electrification technologies, ComEd is proposing:

- \$47 million to support vehicle purchase rebates, including rebates of \$5,000 to \$75,000 for fleet vehicles, \$120,000 to \$180,000 for school buses, and \$80,000 to \$120,000 for transit buses
- \$10 million to support charging infrastructure rebates for businesses and public facilities in or serving environmental justice or R3 communities
- \$2 million to support C&I rebates for electric building and industrial process technologies
- \$4 million to support infrastructure readiness for building and forklift electrification



Customer Education and Awareness Program: \$9 million per year

To build on existing efforts to support customers, the Plan includes investments to expand knowledge of EVs and the incentives available through ComEd's Beneficial Electrification Plan to a wide range of customers, and to provide support for customers and fleets considering beneficial electrification measures. This will include targeted outreach to engage low-income customers and environmental justice communities.



BE Pilot Program: \$5 million per year

The Plan includes investments to study the benefits of various beneficial electrification technologies, including air quality mapping, school bus vehicle to grid capabilities, residential optimized charging and backup power capabilities.



EV Charging Delivery Classes

In conjunction with the BE Plan, ComEd has proposed to create two new electric vehicle charging delivery rate classes for C&I customers. These rate classes will make the adoption of charging infrastructure more attractive by helping customers avoid high upfront costs for charger installation and providing an alternative to the default demand-based rate structure.