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ComEd's Integrated Grid and Rate Plans Promote a Reliable, Equitable Transition to a Cleaner Energy Future

ComEd's coordinated multi-year grid and rate plans, which extend through 2027, set out a forward-looking strategy to combat climate change, enhance grid reliability and resilience, and equitably promote the state's clean energy goals. Developed under the state's Climate and Equitable Jobs Act (CEJA), the plans align with ComEd's 2030 vision for advancing an equitable, low-carbon future, and were shaped by significant stakeholder engagement.

Stakeholder Input Vital to Development of Multi-Year Grid Plan



15 stakeholder workshops



More than 1,000 workshop attendees



Seven tours of ComEd facilities



45 stakeholder presentations

The multi-year grid plan includes investments to meet the current and future needs of customers and the grid. In addition, the plan will invest in new technologies and priorities established by CEJA, which will enable:

- Increased integration of zero carbon energy resources;
- Accelerated adoption of electric vehicles (EVs) and other electrified technologies like heat pumps;
- Enhanced resilience to meet the challenges posed by a changing climate;
- Promotion of greater equity in the transition to a cleaner energy future;
- Job creation as Illinois rapidly expands renewable energy and decarbonizes sectors ranging from transportation to buildings;
- Continued economic growth across northern Illinois, thanks to the unparalleled access to clean, cost-effective and highly reliable power that is essential for meeting the demands of today's digital economy.

The Grid Must Be Ready to Enable the Clean Energy Transformation

Power grids across the country are facing new challenges and new opportunities. For example, climate change is already impacting energy systems, and customers are plugging in more devices and new technologies – including electric cars and heat pumps – every day. ComEd's multi-year plan prioritizes investments in resilient infrastructure, customer-centric services and new technologies, enabling ComEd to meet the climate challenge and our customers' needs equitably and affordably.

Given the increased complexity associated with ensuring grid operations in an evolving energy environment, ComEd's multi-year plan lays out a strategic roadmap for delivering clean, reliable, safe and cost-effective power to customers.

Multi-Year Plan Investments

The investments contained in the multi-year plan are required to meet the objectives of CEJA and other state, federal and local clean energy goals.



Grid performance and reliability:

The grid must be more reliable as more of the economy increasingly relies on it. The grid must have an enhanced capacity to adapt to climate change and become more hardened against potential physical and cyber security risks. Specific investment examples in the multi-year plan include:

- Infrastructure upgrades and modernization to improve reliability and accelerate Illinois' transition to a cleaner energy future
- Advanced monitoring and visualization technologies to minimize customer interruptions and expedite restoration
- Building resilience through investments to mitigate the impacts of climate change



Clean energy integration:

CEJA provides a roadmap to eliminate energy sector carbon emissions by 2045 and increase renewable energy production to 50 percent of energy delivered in Illinois by 2040. Grid investments will be necessary to enable the increased integration of zero carbon energy sources. Specific investment examples in the multi-year plan include:

- Grid enhancements to enable customers to seamlessly connect solar and electrify their homes, businesses and vehicles
- New performance metrics and tools to reduce interconnection timelines for distributed energy resources
- Community partnerships to develop and implement clean infrastructure solutions providing equitable access to customers and expanding participation of Equity Investment Eligible Communities (EIEC)

- Advanced communication technologies to integrate distributed energy resources in a safe, efficient, and reliable manner
- Enhanced customer tools to better manage bills and energy use, integrate new technologies and easily check the status of orders or resolve issues

Beneficial electrification and decarbonization:



CEJA sets a goal of adding one million EVs to the road by 2030, and ComEd's multi-year plan includes a variety of investments to enable the beneficial electrification of transportation, buildings, and industry, while enabling decarbonization to improve air quality and public health. Specific investment examples in the multi-year plan include:

- Residential and commercial & industrial charging infrastructure
- Investments to support increasing electric passenger vehicles and electrified public transportation in EIECs
- Incentives for EV charging stations in EIECs
- Rebates to support beneficial electrification technologies like high efficiency electric heat pumps and electric lawn equipment
- Industry-leading energy efficiency programs
- Building one of the country's largest alternative-fuel and energy efficient hybrid vehicle fleets



Equity:

ComEd is committed to creating benefits from the clean energy transition that go beyond the delivery of electricity for EIECs and all other communities in northern Illinois. Specific investments or programs include:

- Clean energy job training programs and apprenticeships for EIECs
- Clean energy access in EIECs
- Enhanced storm resilience
- Reduced service disconnections in EIEC communities
- Addressing the digital divide by leveraging investments in advanced communication networks

Customer Value Today

Currently, ComEd's average total monthly customer bill of \$93 is among the lowest in the nation, and its residential customers' bills are approximately 20 percent lower than the average in the 10 largest U.S. metropolitan areas. At ComEd's requested rate for 2027, the average residential bill would be less than even the average 2021 residential utility bill in more than half of U.S. states.

ComEd has delivered value to customers with competitive rates and will continue to do so under the multi-year plans. ComEd's historical grid investments have enabled ComEd to deliver a variety of programs that, to date, have delivered more than \$8 billion in savings to customers by enabling them to reduce their monthly usage.

Revenue Requirement and Bill Impact

ComEd's multi-year rate plan ensures that ComEd has the ability, over the life of the plan, to invest in and maintain the grid to drive reliability, affordability, clean energy and equity outcomes while meeting clean energy goals. This long-term approach to ratemaking and grid planning will help maintain affordability while making essential investments that would become more expensive if postponed.

To smooth the customer bill impact of the revenue requirement increases included in the plan, ComEd is adopting a phased in approach to defer the effect on rates of a portion of the 2024 revenue requirement until 2026.

Due to a phased-in approach to manage customer costs, the average residential customer bill impact by year is:

Annual change to average monthly residential bill:

2024	2025	2026	2027
\$6.72	\$5.73	\$6.20	(-\$1.67)

Affordability

Though the plans would result in an increase of about \$4.25 in the average monthly residential bill annually from 2024 through 2027, for a total impact of \$17 by 2027, the plans build on a competitively affordable starting point.

ComEd is committed to monitoring the changing economic conditions that challenge the ability of some customers to pay their electric bills and has recently enhanced its range of support options that will help customers in need keep the lights on. In fact, ComEd has already announced new and enhanced customer-assistance options that will make more customers aware of the help available, provide more grants to help with electric bills, and remove barriers customers sometimes face when accessing assistance options. Per the recommendation of the staff of the Illinois Commerce Commission, ComEd will be introducing a reduced rate for low-income customers by 2024 and remains committed to working with stakeholders on a comprehensive portfolio of programs to assist with affordability.

ComEd's multi-year plan aligns strategic priorities from customers and regulators to develop a smarter, stronger and cleaner energy future.