



An Exelon Company

AEG Chicago 20Q4 Stakeholder Challenge: Mobility & Transportation

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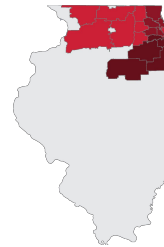
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Who We Are & What We Care About

ComEd proudly serves 70 percent of the population of Illinois, with 3.8 million customers in Northern Illinois

ComEd Is a Distribution Company

Approximately 60 percent of ComEd residential customers receive their electricity supply from the utility, and ComEd passes on those costs without profit or markup.

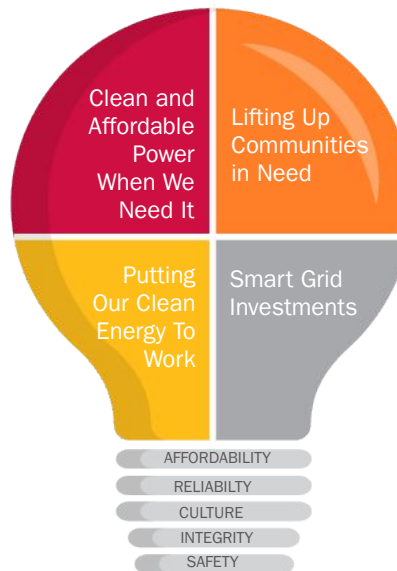


- ✓ **11,000 square miles**
- ✓ **More than 400 municipalities**
- ✓ **25 counties**
- ✓ **6,000 employees**

ComEd has developed a holistic strategy to advance clean energy, address air pollution and decarbonization, modernize the grid to meet future needs, and uplift our communities

Combatting global climate change by achieving 100% clean and renewable energy

Using our clean energy advantage to power new clean transportation technologies and healthier air for our children

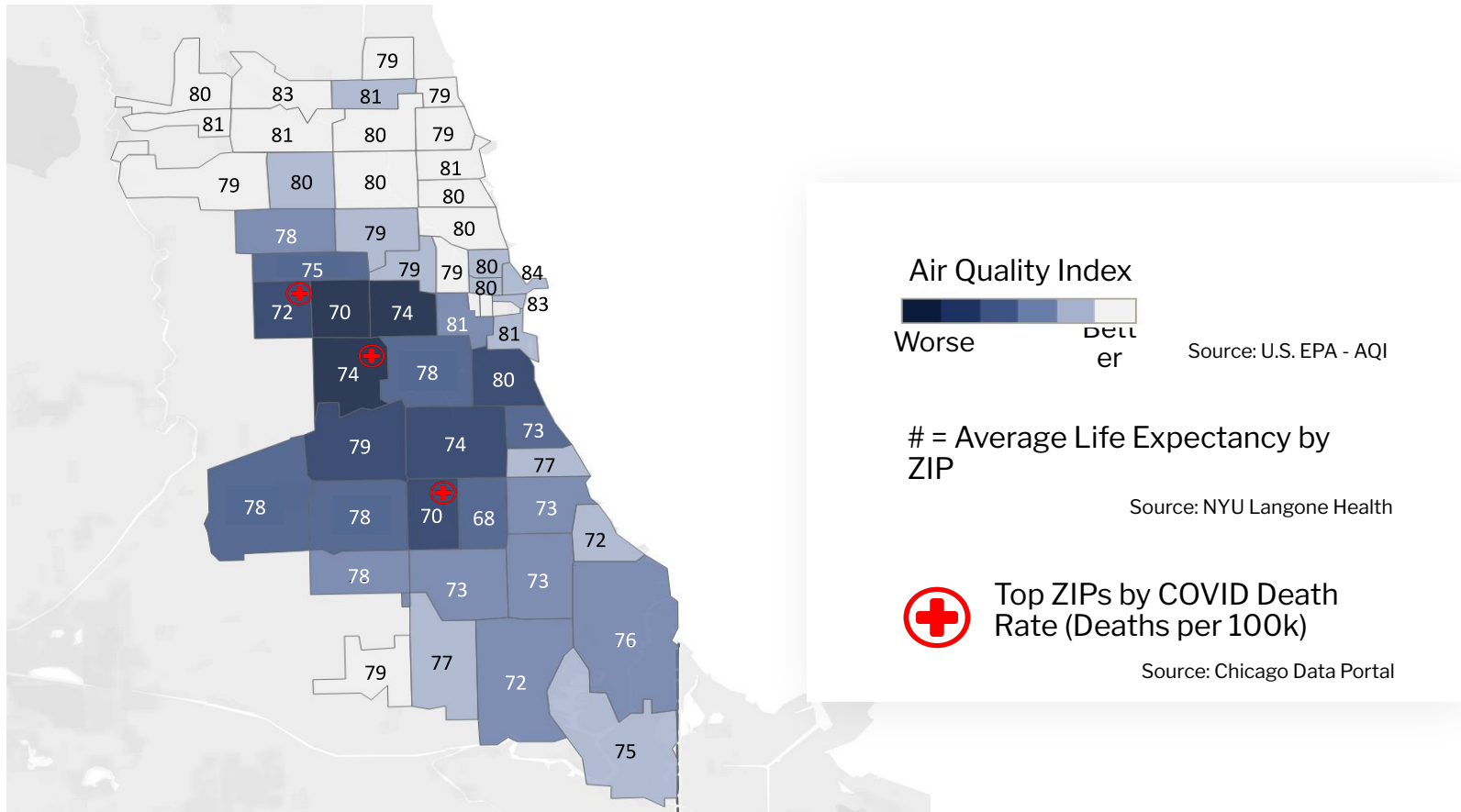


Help customers in need, grow quality jobs, and ensure all communities have access to clean energy and its benefits

Increasing renewable energy hosting capacity while improving power quality and resilience (physical and cyber)

The Problem: An Environmental and Public Health Crisis

Low-income communities, and particularly communities of color, are suffering from prolonged exposure to high levels of localized air pollution and its accompanying health impacts, while navigating several other socio-economic inequities. For example, households below the poverty line experience an estimated 35% more pollution and particulate pollution exposure estimates are 54% higher in African American households.



The Key Obstacle: Upfront Cost Barriers & Coordinated Deployment of Charging

Beneficial electrification provides a unique opportunity to tackle the lung-damaging pollution that has made our Black and Latino communities disproportionately vulnerable to critical illness and death during the COVID-19 pandemic. To unleash that opportunity, we need to overcome key obstacles.



Address upfront cost barriers through bold policy action:

- **Support customer adoption of electrification technologies through reductions in upfront costs** (incentives/subsidies) that recognize environmental and health benefits
- **Address upfront costs (including “make ready”)** associated with private charging stations, and leverage program design to **encourage off-peak charging** to limit grid impacts
- **Support investment in public charging stations** that meet driver needs and ensure equitable availability
- Craft specific incentives/programs to **create pathways to adoption for low to moderate income customers**
- **Prioritize funding for electrification of public transportation and school buses**



Deploy equitable charging networks, educate customers, and create momentum for electrification through stakeholder coordination and collaboration:

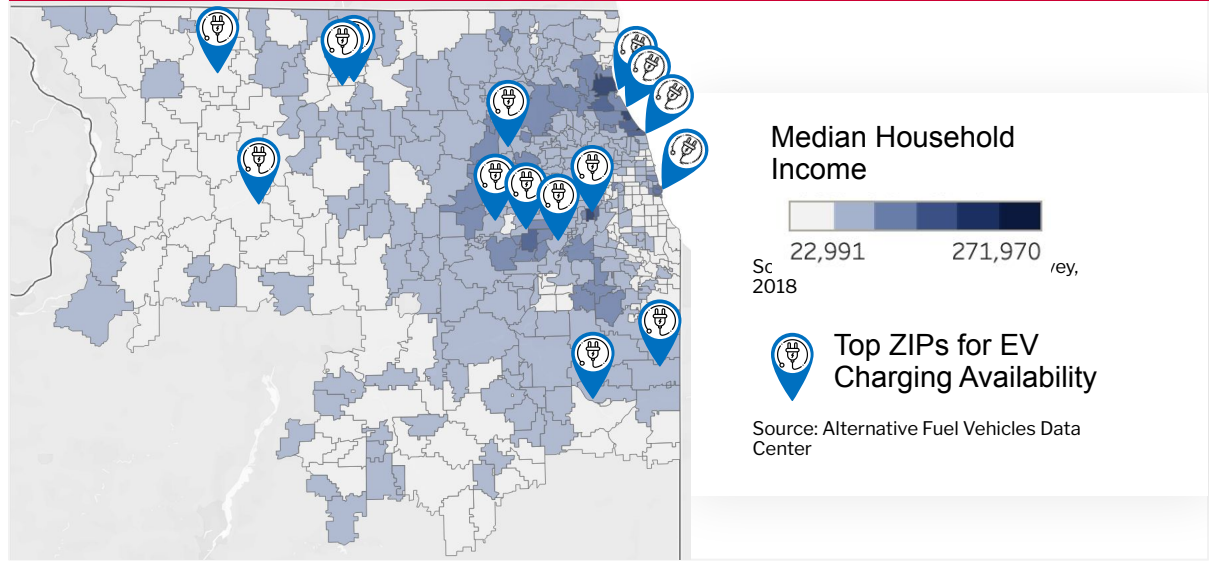
- **Enable coordination between public and private sector partners** to leverage state and local policies to build out an accessible charging network that meets the needs of all Illinoisans
- **Educate customers** about the economic, environmental, and health benefits of electrification
- **Lead by example** by committing to electrify our own vehicles and make EV charging available to our employees

Consequences of Inaction

1. A Deepening Public Health Crisis



3. Inequitable Access to Clean Technologies

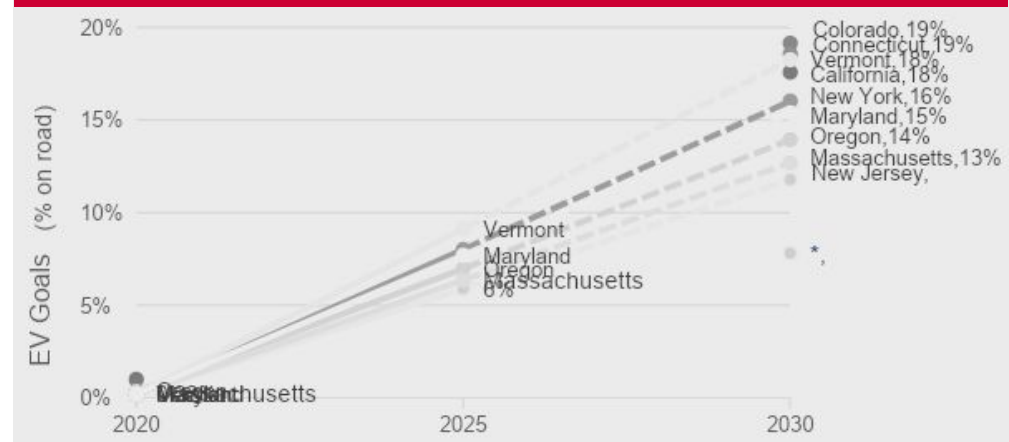


2. A Missed Opportunity

	Health Benefits in 2050			Value of Benefits in 2050	
	Premature Deaths Avoided	Asthma Attacks Avoided	Lost Workdays Avoided	Health Benefits	Climate Benefits
United States	6,300	93,000	416,000	\$72 B	\$113 B
Illinois (5 th)	274	4,106	18,735	\$3.15 B	N/A
Chicago (4 th)	250	3,754	N/A	\$2.8 B	N/A

Source: American Lung Association Healthy Transportation Scenario Results

4. A Lagging State

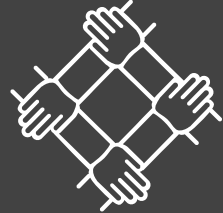


* Based on Pritzker Administration's [proposed goal](#) of 750,000 EVs by 2030

A Call to Action

Regarding Mobility and Transportation, to achieve Chicago's Carbon & Equity goals, the most critical obstacle to overcome **is upfront cost barriers for residents and businesses and stakeholder coordination to deploy equitable charging networks.**

ComEd looks forward to working with stakeholders to pursue beneficial electrification strategies that:



- (1) put Illinois' clean energy to work to further reduce emissions and improve health and air quality in our communities;
- (2) reduce barriers to adoption of beneficial electrification technologies for families and businesses; and
- (3) prioritize inclusion of, and targeted benefits for, low to moderate income communities.

