Climate Change Resilience and Adaptation:

Overview of the Summary of 2020 Activities

Key Takeaways

In 2020, Con Edison proactively changed the way we do business to address projected climate change risks and continue maintaining safe, reliable service for the millions of people who rely on us. Our Climate Change Implementation Plan, filed with the New York State Public Service Commission in December 2020, identified climate change projections for Company planning and design, addressed the integration of climate change projections into key parts of our business, and significantly advanced our climate adaptation governance strategy. The steps we are taking today give us a mechanism to monitor climate change developments, plan timely adaptations, and help reduce the future costs of resiliency efforts.

Our progress and plans reflect not only the experience of experts across Con Edison, but also the feedback, input, and experience of an engaged external working group that we regularly met with and consulted.

Our full Summary of 2020 Activities, developed in partnership with ICF, describes steps we have taken, and will take, to plan and design infrastructure, and conduct operations, in a manner that addresses the effects of climate change. Our efforts will help us to maintain a safe working environment, support for our customers and communities, and operational excellence as the climate changes.

2020 Accomplishments

1. **Created a governance structure to manage climate change risks and build resilience:** A newly created Climate Change Adaptation and Resiliency Corporate Instruction[1] establishes clear responsibilities within our Company for climate change adaptation and resiliency efforts. It creates a new Climate Change Risk and Resilience Group, with oversight by an executive level Climate Risk and Resilience Committee.

2. **Set a clear pathway to prepare our system:** Our Climate Change Planning and Design Guideline reflects the best available climate science and aligns with regional benchmarks. We will review and update it over time, as needed, to help support continued safe operations and reliability.

3. **Adjusted how we plan and design infrastructure for increasing climate change:** By reviewing our specifications, procedures, and practices against anticipated changing climate conditions, we better understand how to proactively adapt our planning, operations, and emergency response. We have already made changes to address climate risks that will support the resilience of our system and customers.

[1] Con Edison uses Corporate Instructions to describe major courses of action in conducting Company business that impact major activities or functions of more than one department or affect all or a major segment of Company personnel.

Con Edison's Resilience Journey

Storm Hardening: Ongoing

- Built the world's first underground network in 1882 to increase safety and resilience to extreme weather.
- Continued adjusting system design after lightning strikes in 1977, Hurricane Andrew in 1992, and Hurricane Irene in 2011.
- Invested $1 billion to strengthen the system after Superstorm Sandy.
- Continue to learn from storm events (e.g., Riley and Quinn in 2018, Isaias in 2020) and invest in storm hardening.
- These initiatives have increased the resilience and reliability of the system to future extreme weather events.

Analyzing Risks: 2017-2019

- Conducted a comprehensive review of climate change vulnerabilities across the electric, gas, and steam systems. This first-of-its-kind study established a foundational understanding of the risks facing Con Edison systems.

Changing Practices: 2020

- Established a climate change governance structure to continue and enhance the incorporation of climate change into existing processes and practices.
- Developed the Climate Change Implementation Plan to systematically incorporate climate change into planning, design, operations, and emergency response practices.

A Resilient Future: 2021+

- Additional climate science studies.
- Refinement of tools, methods, and approaches in engineering and planning.
- Continuing to build resilience and adaptation into the business.
- New assets built considering climate change.
- Programs for existing assets to be updated for climate change impacts.