

nationalgrid

# **AEG Northeast Action Challenge:** *Transmission, Equity & Resilience*

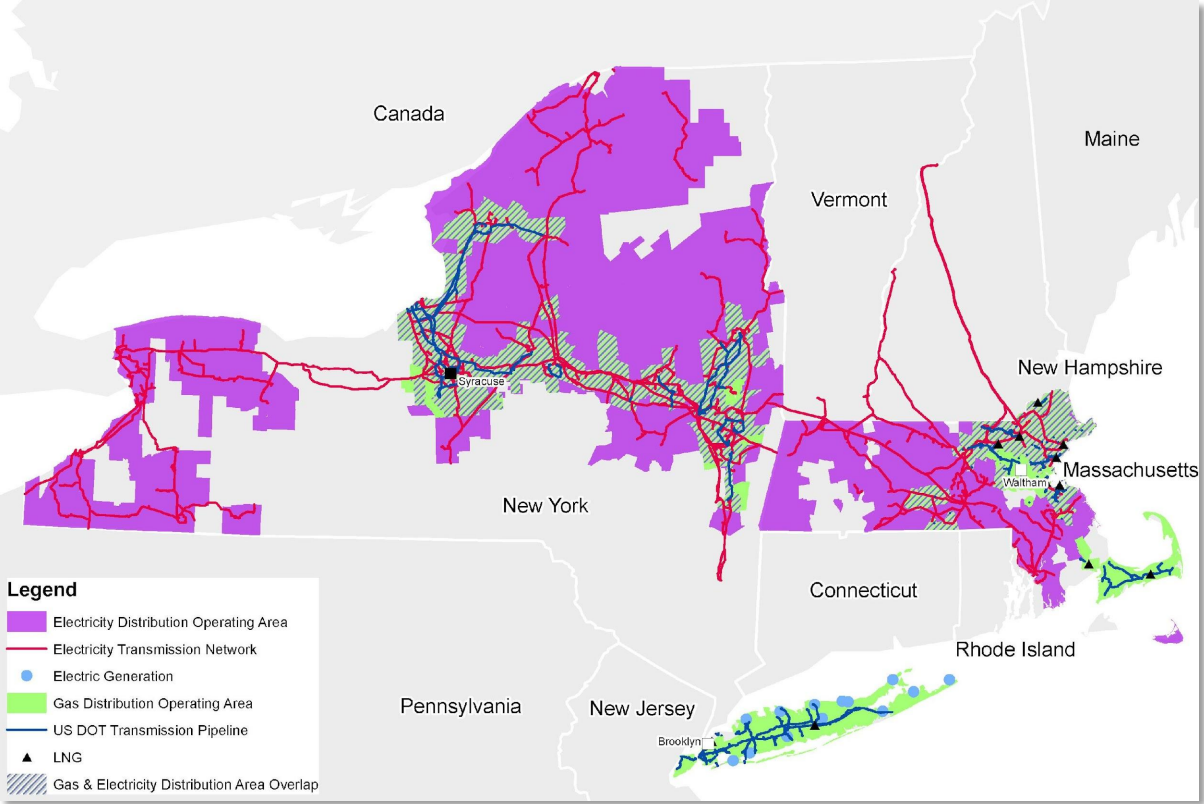
**March 30, 2023**





# About National Grid

We are one of the largest investor-owned energy companies in the US — serving more than 20 million people throughout New York and Massachusetts.



Serving 20 million people

5.3M Residential + 600k Commercial  
= 5.9 million customer accounts

Residential & Commercial customers by region:



UNY	1.7 million
LI	0.6 million
NYC	1.3 million

# We're committed to achieving net zero by 2050



## Our purpose

Bring Energy to Life

## Our vision

To be at the heart of a clean, fair and affordable energy future.

## Our values

Every day we do the right thing, find a better way, and make it happen.

## Our Responsible Business Charter

is our articulation of what 'responsibility' means for us at National Grid. We have identified where we can have the most impact on society:

- **The environment**
- **The communities we serve**
- **Our people**
- **The economy**
- **Our governance**





## **Meeting the diverse energy needs in the Northeast US requires a tremendous amount of transmission infrastructure investments.**

Today's transmission system was not built with the drastic increase of renewables in mind, electrification, decarbonization of heat, and the geographical diversity of where renewables can interconnect with local and regional transmission systems.

**To achieve 2050 goals in the region we need to work together to engage stakeholders early in the planning cycle to support the clean energy future.**



**It is clear that to achieve 2050 goals coordinated and optimized transmission investments and planning is necessary.**

We recognize it is a critical piece in realizing the clean energy future in a fair, equitable, and affordable manner. We are ready and eager to be a partner in making it happen.

**A significant **catalyst** for us to support the realization of 2050 goals is to have **well developed stakeholder engagement plans** in place that would further enable:**

- Anticipatory transmission investments to accommodate the wave of clean energy generation
- Optimize existing transmission networks and assets
- Implementation of new technologies





## **Risks of not realizing 2050 goals in an amicable fashion**

- The feeling of ‘too little, too late’
- Missed opportunities to realize clean, equitable, or security solutions earlier
- Unfavorable developer sentiment towards region
- Incremental, reactionary investments leading to increased cost to developers and/or customers

Regarding Transmission, Equity and Energy Security in the Northeast, a critical obstacle to collectively overcome in 12 months is ***a lack of holistic, sustainable model for stakeholder engagement for transmission coordination that becomes a catalyst in making progress towards 2050 clean energy goals.***

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