

Networked Geothermal Program

Lowell, MA | November, 2023

Project Update

Much has happened on the Lowell Networked Geothermal Pilot in the last few months. Here's a summary of exciting updates:

- Thanks to the hard work of our trusted partners Action Inc and HomeWorks, all participating properties have now completed energy assessments. These assessments identify opportunities to increase energy efficiency and select the right strategies for getting the property "geothermal ready".
- We recently received an "interim" 100% design file for the project, keeping us on track for a Spring 2024 construction start date.
- We will be hosting a meeting for property owners to enroll participating properties in the pilot. Our partners at UMass Lowell, the City of Lowell, HomeWorks, and HEET will be with us to answer any questions customers have about the pilot.

What's Next?

November 15, 2023. Property Owners Meeting. We invite our pilot participants to a meeting at UMass Lowell to learn more about the Lowell Networked Geothermal Pilot including National Grid's planned investments in participating properties and the terms of the enrollment agreement. This will be an opportunity to answer any questions customers have before formally enrolling in the program.

Winter 2023-2024. Property Geothermal Readiness Work Begins. Our partners at Action Inc and HomeWorks will be working directly with our customers to strengthen the energy efficiency of the property as well as install new appliances to make the home geothermal ready.

Spring 2024. Infrastructure Construction Begins. Our construction partners will begin digging and installation of infrastructure aspects of the project, including the pump house and the circulation and distribution network.

Quick Project Facts:

What: National Grid is bringing a geothermal energy network to the area, the first pilot of this advanced technology that could be a key in a clean energy future. Geothermal energy networks leverage heat pump technology to deliver clean, efficient heat no matter the temperature outside, making them highly efficient for heating and cooling in extreme climates like New England.

Where: Lowell, MA

Construction: Spring/Summer 2024

Target pilot start date: October 2024

Pilot duration: 2 years (2 cooling seasons, 2 heating seasons)

Questions?

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