



NYSEG

An AVANGRID Company

Lansing Non-Pipes Alternatives (NPA) Portfolio

CONTACT

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Refer to: **Lansing NPA**

PROJECT OVERVIEW

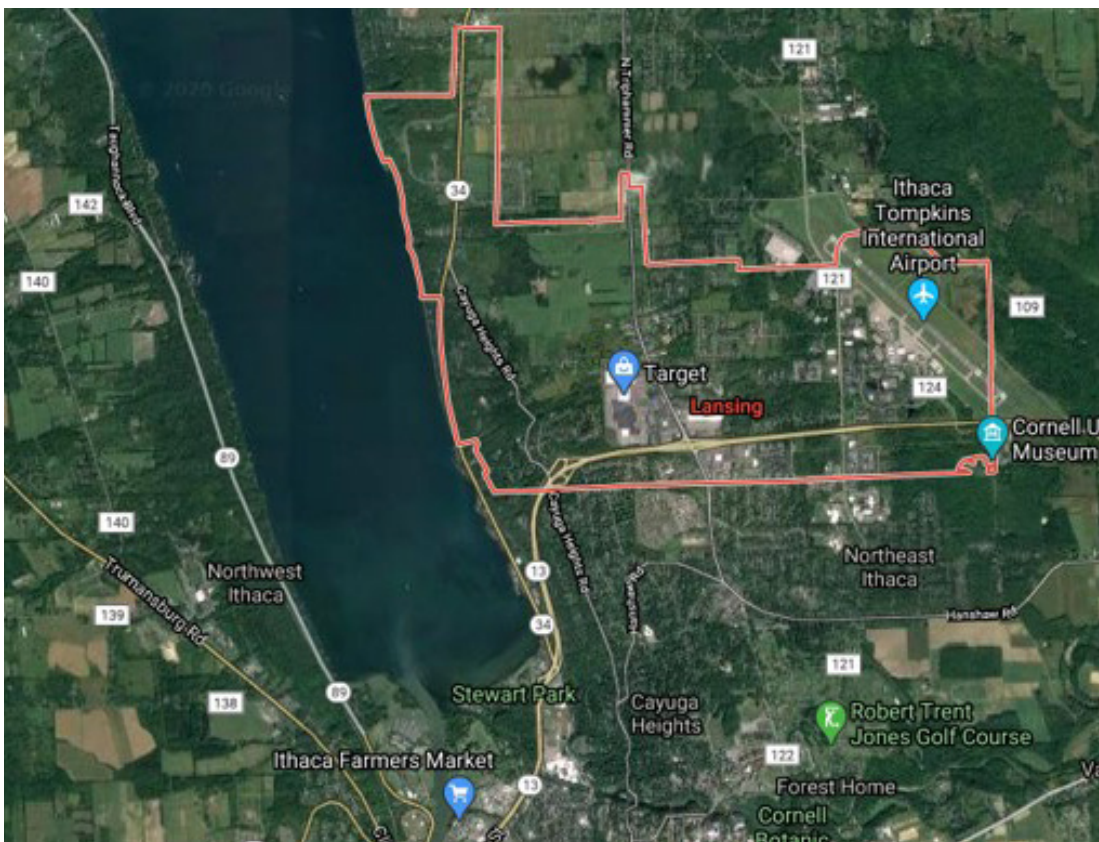
New York State Electric & Gas Corporation (NYSEG) is entering into contracts with six developers selected to implement projects as part of the Lansing Non-Pipes Alternatives (NPA) portfolio. These projects are within a specific area of the Lansing community with a goal to reduce the demand for natural gas.

PROJECT PURPOSE AND NEED

Over the past several years, NYSEG's Ithaca division has experienced significant demand on its natural gas distribution system, which has led to low system pressure during peak conditions (i.e., the coldest days in the winter) in the Lansing, New York area. A steady decline in the

system pressure has led to reliability concerns of the distribution system impacting the region. However, the Town of Lansing was placed in a gas moratorium in 2015 and therefore NYSEG has been unable to approve applications for expanded gas service from new or existing customers in that area.

This initiative is in response to feedback received from the Lansing community and is an excellent example of NYSEG's continuing commitment to meet the needs of the communities they serve. As a responsive community partner, NYSEG prides itself on collaborating with its valued customers.



PROJECT FACTS

Municipalities: Town of Lansing

Counties Impacted: Tompkins

ESTIMATED TIMETABLE *(subject to change)*

Initial Field Work: Q3 2022

In Service Date: Ongoing through 2025

PROJECT SCOPE

- Residential Heat Pumps:
 - A consortium of regional heat pump and HVAC installers will conduct residential energy audits and install heat pumps as well as supportive or complimentary energy efficiency solutions.
 - Homes located within specific boundaries identified by NYSEG may qualify for substantial financial support to implement a variety of measures designed to reduce home demand and consumption of natural gas using heat pump technology.
 - Homeowners interested in converting to heat pumps, and other ways to reduce gas usage, can submit information to our project partners to receive a detailed set of energy upgrade recommendations, calculations on financial incentives available, and data to decide if it is a wise investment for them.
 - Contract fully executed in June 2022.
- Single Commercial Ground Source Heat Pump:
 - The implementation of a ground source heat pump and additional supportive energy efficiency solutions at a single non-residential building.
 - Contract fully executed in August 2022.
- Energy Efficiency at Two Public Authority Buildings:
 - The installation of higher efficiency replacement natural gas boilers and complimentary energy efficiency solutions at two public authority buildings.
 - Contract fully executed in October 2022.

- Education & Outreach Program:
 - This project will provide an educational program within the local schools and a community-based outreach program, both to further the goals of the Lansing NPA Portfolio program including increasing awareness and attracting participants to the other projects within the NPA portfolio.
 - Contract fully executed in October 2022.
- Community Ground Source Heat Pump:
 - The installation of a community loop ground source heat pump project along with complimentary energy efficiency solutions for a specific neighborhood.
 - Contract negotiations underway.
- Industrial Heat Recovery:
 - The implementation of a waste heat recovery solution for an industrial gas customer.
 - Draft NPA contract under review by developer.
- Two developers held a community event on Saturday, December 17, at the Lansing Community Center to provide an opportunity for the community to ask questions and learn more about the project and options available to homeowners.

BENEFITS TO THE REGION

- Integration of low and zero carbon resources.
- Advance progress towards greenhouse gas emission reduction goals.
- Ratepayer cost savings.
- Local economic development and job creation.