

Town of Plattsburgh Natural Gas  
Expansion Project-Phase 2  
April 7, 2016



---

---

---

---

---

---

---

---

### Agenda

- o Introductions
- o Review of Plattsburgh Gas Expansion Phase 1 (2015)
- o Overview of Plattsburgh Gas Expansion Phase 2 (2016)
- o Natural Gas Rebates
- o Natural Gas Service Lines
- o Conversion and Savings
- o How to apply for service
- o Questions



---

---

---

---

---

---

---

---

### Natural Gas Build Out Plan



Town of Plattsburgh Gas System Expansion  
2015-2017 Projects Overview

---

---

---

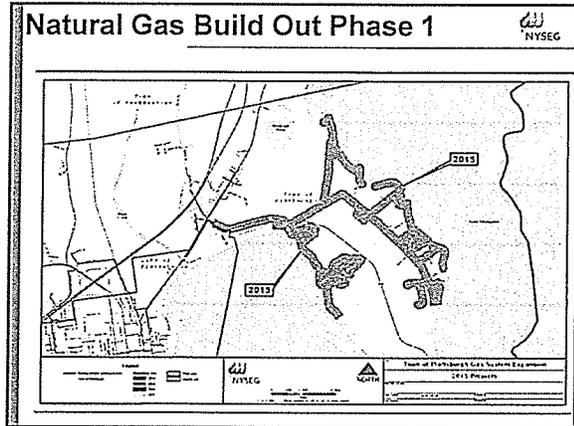
---

---

---

---

---



---

---

---

---

---

---

---

---

### Review of Phase 1

- Potential of over 700 services on the Cumberland Head Area for natural gas.
- Roughly 230 services were installed during Phase 1 construction season.
- Customers are still able to sign up for gas, as we will be continuing construction of gas services on Cumberland Head in 2016.
- Customers are still able to file rebates for qualifying high-efficiency equipment.

---

---

---

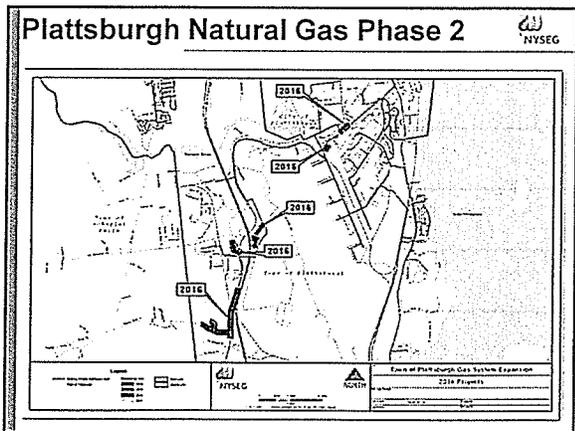
---

---

---

---

---



---

---

---

---

---

---

---

---

### Plattsburgh Natural Gas Phase 2

Below are the streets listed for 2016 Built Out Plan

Street	Street Number
Kemp Lane	Ends
Linda Lane	Ends
LTS Street	Ends
Quality Drive	Ends
Runway Drive	Ends
Salmon River Road	9-60
Sharon Ave	119-183
State Route 22	3174-4293

---

---

---

---

---

---

---

---

---

---

---

---

### Rebates

**High-Efficiency Equipment Rebate List**

Furnace AFUE ≥ 90.....	\$115
Furnace AFUE ≥ 94 with ECM.....	\$340
Furnace AFUE ≥ 95 with ECM.....	\$340
Water Boiler AFUE ≥ 85.....	\$280
Water Boiler AFUE ≥ 90.....	\$560
Steam Boiler AFUE ≥ 82.....	\$280
ENERGY STAR Storage Water Heater ≥ 40 Gallons <sup>1</sup> .....	\$125
ENERGY STAR Tankless Water Heater <sup>2</sup> .....	\$225
Indirect Water Heater <sup>3</sup> .....	\$170
Programmable Thermostat <sup>4</sup> .....	\$15

AFUE = Annual Fuel Utilization Efficiency | ECM = Electronically Controlled Fan Motor  
EF = Energy Factor  
<sup>1</sup> ENERGY STAR tank type water heaters with EF of .87 or greater  
<sup>2</sup> ENERGY STAR tankless water heaters with EF of .82 or greater  
<sup>3</sup> Installed by a contractor at time of qualifying natural gas furnace or boiler installation.

---

---

---

---

---

---

---

---

---

---

---

---

### Rebates Continued

- NYSEG also commits \$800 for furnace/boilers in addition to the first EEP's rebate.  
(Example, Boiler AFUE 85% (\$280) + NYSEG (\$800)= \$1,080)
- There is also an additional \$500 for HEAP customers that can be added to EEP's rebate and the NYSEG rebate for a new furnace or boiler.  
(Example, \$1,080 from above) + HEAP (\$500)= \$1,580
- Please write down or take a picture of your existing boiler/furnace manufacturer and model number, it is needed during the rebate process. Installation also needs to be done by a qualified heating and plumbing contractor. There are currently no rebates available for changing burner tips on existing appliances.
- Customers can apply after becoming a natural gas customer. You can apply by phone at 1.800.995.9525, or online at [www.nyseg.com](http://www.nyseg.com) under Usage and Safety, then Energy Efficiency Programs
- Questions?

---

---

---

---

---

---

---

---

---

---

---

---

**Gas Service Line Allowances** 

The gas service line is the gas pipe which is installed from the street to your home or business.

**Residential Customer**

- Heating Use
  - Connecting a vented heating unit, vented space heater or vented fireplace.
  - NYSEG pays for the service line located in the public right of way plus 100 feet.
  - The customer pays for the installation of the service line for any footage in excess of the 100' allowance.
- Non-heating Use
  - Connecting only a non-vented natural gas appliance, hot water heater or generator.
  - NYSEG pays for the installation of the line from the gas main to edge of the public right of way.
  - Customer pays for the installation of the gas line from the edge of the public right of way to the house.

---

---

---

---

---

---

---

---

---

---

**Gas Service Line Allowances** 

**Business Customer**

- NYSEG pays for the service line located in the public right of way plus 100 feet or an allowance based on 70% of the estimated annual revenue whichever is greater.
- The customer pays for the installation of the service line for any footage in excess of what NYSEG is required to provided at no charge.

---

---

---

---

---

---

---

---

---

---

**Gas Service Line Installation** 

- Service lines will be constructed to the closest, most suitable meter location (often in the front corner of the home, away from the driveway, or near another meter). If the customer prefers an alternate location than the one NYSEG selects, the customer is responsible for the cost of service from NYSEG's selected location to the one of their choosing.
- Final restoration of the service line trench is the customer's responsibility. This includes final grading, top soil, seeding, etc.

---

---

---

---

---

---

---

---

---

---

### Conversions and Savings

- The cost to convert to natural gas varies widely and depends on your current heating fuel and a number of other factors such as:
  - Age of the current heating system?
  - Replacement or conversion?
  - Are venting system changes needed?
- NYSEG does not convert or install heating systems or any other natural gas equipment.
- NYSEG recommends you get quotes from several heating contractors before applying for natural gas service.

---

---

---

---

---

---

---

---

---

---

---

---

### Conversions and Savings

Yearly Annual Energy Costs - Natural Gas Expansion Area				
Type of Heating	Natural Gas	Fuel Oil	Propane	Electric
Space & Water Heating	\$1,220	\$1,622	\$3,053	\$3,120
Water Heating	\$461	\$429	\$810	\$827
Seasonal	\$492	\$314	\$591	\$603

Annual Peak Month Savings Using Natural Gas Versus Other Energy Sources			
Type of Heating	Fuel Oil	Propane	Electric
Space & Water Heating	\$402	\$1,833	\$1,900
Water Heating	(\$32)	\$349	\$366
Seasonal	(\$108)	\$169	\$181

-Natural gas costs based on March 2016 prices, Electricity based on February 2016 prices. Fuel oil and propane is based on pricing as published by NYSERDA on March 2, 2016. Natural gas costs include a 28.2 cent per therm Town of Plattsburgh natural gas expansion surcharge. Energy costs fluctuate and NYSEG cannot predict future energy costs

-The 28.2 cent per therm charge is mandated by the PSC, in order to protect existing rate payers. It will expire in 10 years (2024) or sooner, depending on rate of return.

-These supply charges are based on NYSEG supply charges. Customers have the option to purchase their supply from a supplier other than NYSEG.

---

---

---

---

---

---

---

---

---

---

---

---

### Savings Calculator

<https://ebiz1.nyseg.com/cusweb/GasWorksheet.aspx>

Calculate Your Savings With Natural Gas

Instructions: Select your current fuel type and fill in the boxes to calculate your savings

Oil  Propane  Electric

Current Fuel: Oil (Customer ID: 1212)

Step #1 Calculate your cost for oil:  x  =  (Total gallons of oil used the last 12 months) (Price you paid per gallon) (Total cost for the last 12 months)

Step #2 Calculate your cost with natural gas:  x  =  (Total gallons of oil used the last 12 months) (NATURAL GAS equivalent cost per gallon of oil) (What your rate of gas cost would have been the last 12 months)

Step #3 Calculate your savings with natural gas:  (Savings) (1.622 - 1.504) (SAVED per year)

---

---

---

---

---

---

---

---

---

---

---

---

**Applying for Service** 

- Submit your request for natural gas to NYSEG.
- By internet:
  - > [www.nyseg.com](http://www.nyseg.com)
  - > Usage and Safety
  - > Convert to Natural Gas
- By phone:
  - > 1.800.572.1111
  - > Select option 3, then option 3 again

---

---

---

---

---

---

---

---

**Applying for Service** 

**Business**

- Commitment Letter for Nonresidential Natural Gas Service
  - Identifies equipment being installed,
  - Commits the customer to connect equipment within 3 months or pay the full cost of the service.
- Natural Gas Service Request Form
  - Provides customer and contractor information, project location and equipment information.
  - Please indicate on the form the fuel the piece of equipment is being converted from.
- Natural Gas Appliance Inspection Certificate
  - Certification that all natural gas appliances have been installed in accordance with the codes, standards and regulations listed on the form.

---

---

---

---

---

---

---

---

**Applying for Service** 

**Residential**

- Form A – Residential Natural Gas Service Request Form
  - Provides customer and contractor information, project location and equipment information.
  - Please indicate on the form the fuel the piece of equipment is being converted from.
- Form B - Natural Gas Service Commitment Letter
  - Identifies equipment being installed,
  - Commits the customer to connect equipment within 3 months or pay the full cost of the service.
- Form C – Proposed Natural Gas Service Location Drawing
  - Provides NYSEG with a sketch of your property and proposed meter location.
- Form D – Natural Gas Appliance Inspection Certificate
  - Certification that all natural gas appliances have been installed in accordance with the codes, standards and regulations listed on the form.

---

---

---

---

---

---

---

---

**Applying for Service** 

- Submit your completed forms to NYSEG.
- By mail:  
NYSEG  
Attn: ESI Department  
PO Box 5224  
Binghamton, NY 13902-5224
- By e-mail:  
custserv@nyseg.com
- By fax:  
585-340-1664

---

---

---

---

---

---

---

---

**Questions?** 

Contacts

Mike Keenan:  
518.566.9846 ext. 819

NYSEG Customer Service:  
1.800.572.1111

---

---

---

---

---

---

---

---