



TOWN OF PERINTON

1350 TURK HILL ROAD, FAIRPORT, NEW YORK 14450-8796
 (585) 223-0770, Fax: (585) 223-3629, www.perinton.org

BUILDING PERMIT REQUIREMENTS FOR AUTOMATIC STANDBY GENERATORS

1. Fill out a RG&E Natural Gas Appliance Inventory Sheet and an RG&E Stand-By Generator Commitment Letter. See page two and three of this document. Submit one copy to RG&E for their approval and one copy to the Code Enforcement and Development Department.
2. Submit two copies of your survey map indicating the proposed location for the generator. It must be a minimum of 5 feet from the house and cannot be located under a deck or any other structure. The exhaust must be 5 feet from any door or window.
It is recommended the generator be located in the rear yard.

3. The contractor must have **General Liability, Workers' Compensation and Disability Benefits** insurance on file with the Town of Perinton before a permit can be issued.
 Please call the Code Enforcement and Development Department with any questions.
4. Submit two copies of a gas piping layout for the entire gas distribution system of the building. Indicate all lengths, pipe size, type and BTU rating of appliance and the quantity of 90 degree bends in each section.

The generator must be fed by a separate pipe from the gas meter manifold. To determine the size of pipe required, the length of pipe must be increased 5 feet for every 90 degree bend in the run.

The use of 90 degree street ells is prohibited.

5. Submit two copies of the installation and specification pages from the owners manual and include the following information:

Make	Model	Wattage	Full Load BTU Rating	Operating Pressure

6. After the building department has reviewed this information and received approval from RG&E a permit can be issued.
7. An electrical inspection is required after installation of the generator.
8. When the electrical inspection has passed, schedule a Final Certificate of Compliance inspection with the building department.
9. It is recommended that you have RG&E inspect the gas line for any leaks.
10. Permit fee is \$25.

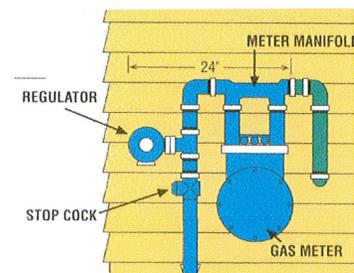


RESIDENTIAL NATURAL GAS STAND-BY GENERATOR INSTALLATION PROCEDURES

Rochester Gas and Electric Corporation
89 East Avenue
Rochester, NY 14649

FOR SINGLE FAMILY DWELLINGS:

- For **ALL** natural gas generator installations, please complete:
 1. The *Elevated Pressure Commitment Letter – Residential* and
 2. The *Natural Gas Appliance Inventory* form.
- **Return BOTH forms to RG&E whether or not elevated pressure or a larger meter is needed.**
- Refer to the manufacturer's instruction manual for the recommended pressure for your generator.
- Check the appropriate box on the *Elevated Pressure Commitment Letter – Residential*.
- RG&E's delivery pressure for a residential service is 6 inches water column.
- If your generator recommends a higher pressure, RG&E can elevate the pressure as long as there is a regulator before your meter (see picture). There is a charge for elevating the pressure. A check made payable to Rochester Gas and Electric Corporation must be included when the *Elevated Pressure Commitment Letter – Residential* is returned to RG&E.
 - **If you need elevated pressure**, your installer must also install a secondary in-line, lock-up style regulator on the fuel line that serves your other household gas equipment. This secondary regulator protects your existing gas appliances. Size the secondary regulator for 11-inch inlet to a 6-inch outlet pressure. This secondary regulator must be installed before the pressure can be elevated for the generator.
 - **Please note:** RG&E's operating system has pockets of low pressure. If your service is being fed from a low-pressure system, there will NOT be a regulator on your meter assembly. If you do not have a regulator, RG&E cannot supply your service with elevated pressure (see illustration below). You may need to look for another source of fuel.
- Please complete the *Natural Gas Appliance Inventory* form. It is important that your gas meter is sized properly to accommodate all your natural gas appliances. A new meter is required if the total connected load, including the generator exceeds 350,000 Btus. There is a charge for a larger meter when a generator is included in the list of appliances. A check made payable to Rochester Gas and Electric Corporation must be included when the *Natural Gas Appliance Inventory* form is returned to RG&E
- **It is highly recommended that the fuel line for the generator be a dedicated line, directly from the meter to the generator. The line must be sized according to the Fuel Gas Code of New York State.** Btu rating of the generator, length of the fuel line, the number of elbows and the pressure drop, determine the size of the pipe to be used. Inadequate pipe size can result in less fuel to the generator and therefore reduced wattage output, which in turn can damage appliance motors that are operating via the generator.
- **A 5-foot clearance must be maintained around the gas meter assembly and service.**
- An electrical inspection completed by an independent inspection agency must be faxed to RG&E by the agency.
 - If RG&E cannot elevate the pressure or change the meter during the schedule appointment (due to improper installation of the generator or lack of a secondary regulator, if needed) a return trip charge will be assessed.
- **Return the completed *Elevated Pressure Commitment Letter – Residential* and the *Natural Gas Appliance Inventory* form along with your payment (if applicable).** RG&E will verify if the new load is adequate for the existing service. If not, RG&E will work with you regarding options.
- **If you live in a townhouse/condominium or other multi-family dwelling**, call RG&E before purchasing a generator. RG&E will review the design of the gas service. There may be a problem for these types of services and the generator may not be able to be installed using natural gas. Each request will be handled on a case-by-case basis. Permission from the homeowners' association must be obtained.
- **Once you have received the electrical inspection for the transfer switch and paid any required fees, please contact RG&E at 585-724-8666 to schedule your meter upgrade if required.**





Natural Gas Appliance Inventory Residential Generator Installation

Customer Name _____ Telephone _____

Address _____
Number and Street Town ZIP

Please list all natural gas appliances and the corresponding BTU rating of each.

Natural Gas Appliance	Number of Each Appliance	BTU Rating of Each Appliance	Total BTU
Furnace			
Boiler			
Room/Space Heater			
Water Heater			
Fireplace, Fireplace Insert or Free-Standing Heating Stove			
Range/Cooktop			
Clothes Dryer			
Pool/Spa Heater			
Gaslight(s)			
Garage/Patio Heater			
Generator at FULL LOAD			
Outdoor Grill (Not propane)			

TOTAL CONNECTED LOAD _____

If the total connected load is 350,000 BTU or greater, a meter upgrade is required.

When installing a generator, the costs are:

Meter upgrade for loads 350,000 to 540,000 BTU	\$150.00 plus tax
Meter upgrade for loads 541,000 to 900,000 BTU	\$368.50 plus tax
Meter upgrade for loads exceeding 900,000 BTU	Varies by load
Elevated pressure (only if the generator requires a gas pressure greater than 6" water column)	\$300.00 plus tax
Service upgrade (if required)	Varies by load

Make check payable to RG&E (including applicable sales tax) and submit payment with this form.

PLEASE COMPLETE THIS FORM WHETHER OR NOT A METER UPGRADE IS NEEDED.
YOUR NATURAL GAS SERVICE MUST BE REVIEWED BY OUR ENGINEER.

Please mail this completed form and any required payments to:

RG&E
 Attn: ESI
 89 East Avenue
 Rochester, NY 14649
 585-340-1673 fax

03/01/2010



Elevated Pressure Commitment Letter Residential

Customer Name _____ Telephone _____
(PLEASE PRINT)

Service Address _____
NUMBER AND STREET TOWN ZIP

Requested Service Pressure (check one box): 6 inch water column (standard pressure)
 11 inch water column (elevated pressure)

Total Btu Load (as totaled on Natural Gas Appliance Inventory sheet) : _____ BTU

Service pressure in excess of 6" water column requires special precautions and construction practices. Your entire gas piping system, including pressure reduction regulators must be installed according to the requirements of the **Fuel Gas Code of New York State**, New York State regulations and other local regulations as these requirements or regulations may be amended, modified or superseded. There may also be requirements imposed by your fire insurance carrier and local building inspector.

PLEASE READ THIS SECTION CAREFULLY AND COMPLETELY IF YOU ARE REQUESTING ELEVATED PRESSURE

I agree, in signing below, to the following:

- I will install or cause to install all of my piping and related equipment in accordance with the most current editions of the **Fuel Gas Code of New York State**, New York State regulations and other local regulations and manufacturer's instructions, including having an electrical inspection completed by an independent inspection agency.
- I will install a pressure-reducing device on any appliance that is designed to operate at a pressure less than the delivery pressure.
- I will install a vent piping system leading to the outdoors (independent of the utility's vent piping system) for any and all pressure regulators and pressure relief devices.
- I will notify the Company before making any changes/additions to my piping system or appliances.
- I will perform an annual inspection of my pressure regulators and relief devices. Qualified individuals should perform these inspections.
- The Company has no responsibility for my gas appliances and related gas equipment such as regulators and relief devices that I, my contractor or builder have installed or will in the future install and I agree to take full and complete responsibility for my gas appliances and related gas equipment such as regulators and relief devices.
- **If requesting elevated pressure, I will reimburse the Company \$300 (plus sales tax) for the increased cost in providing elevated delivery pressure.**

Customer Signature _____ Date _____

Installer _____
PLEASE PRINT

Please mail this completed form and any required payments to:

RG&E
Attn: ESI
89 East Avenue
Rochester, NY 14649
585-340-1673 fax

03/01/2010