

Upgrading homes and businesses in the Canandaigua Division with smart meters



What: We will begin upgrading existing meters in the Canandaigua Division with smart meters. These upgrades were approved by the New York Public Service Commission in November 2020. Smart meters use digital technology to measure detailed energy use and send that usage information back to RG&E.

Why: Smart meters provide many important functions that were not previously possible. Our communications network and smart meters enable two-way communication that improves convenience, provides tools to understand and manage energy usage and unlocks potential.



Anticipated Canandaigua Division installation schedule





Phase 1

Phase 2



When: RG&E will begin upgrading existing meters in the Canandaigua Division with smart meters. Installations are scheduled to begin in winter 2024.

Where: Installations will occur in the towns of Victor, Farmington, Manchester, E. Bloomfield, Canandaigua, Hopewell, Bristol, and South Bristol within the Canandaigua Division.

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Meter upgrades and replacements

RG&E's authorized contract partner will be upgrading/replacing meters in the Canandaigua Division. They will be carrying a photo ID, and their vehicles will display the RG&E logo. Meter upgrades and replacements take just a matter of minutes.

The **gas meter upgrade** process includes:

- An inspection of the existing meter
- The addition of a module that allows the meter to communicate with our network
- Service will not be interrupted

The **electric meter replacement** process includes:

- Removal of the old meter and inspection of the meter box
- Installation of the new meter
- Documenting both old and new meter numbers and readings
- Service will be briefly interrupted







1 = 0

2

3



4



5



Mail notification

Customers receive a postcard before installations in their neighborhood.

Phone notification

Customers receive an automated phone call 1-2 days before installation.

Installation field visit

A technician visits the customer to install smart meter.

Successful installation

A doorhanger is left to let the customer know the installation is complete.

That's it!



Installation Video

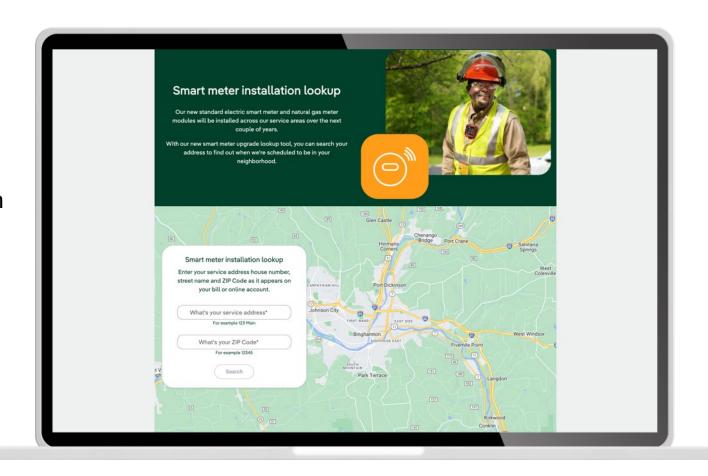
Go to the following video link to see what customers can expect for their smart meter installation – rge.com/installation





Smart Meter Lookup Tool

Find out when we're scheduled to be in your neighborhood. Search your address and learn more at portal.rge.com/smart-lookup





If a customer is having an electric meter replaced, will they be told when their electricity service will be interrupted?

Our installers will attempt to notify residents that they will be starting the installation process. If they can't be reached, we will leave a door hanger confirming the new smart meter has been installed.

For larger commercial customers, we will attempt to schedule appointments to minimize any impact on their operations. If necessary, this can include early mornings or weekends.

Where can customers find out more information?

Fact sheets, FAQs and other information about smart meters and the installation process can be found at rge.com/smartmeters.











Mesh Network



How do smart meters communicate?

Our smart meters communicate through a mesh network — using low-power radio-frequency (RF) technology — which allows connectivity between the smart meter and the data center. All data sent through a mesh network is encrypted, and we do not sell customer data of any kind.

1. Smart Meter 2. Relay · Transmits your electric · A device that extends the range energy usage every 15 minutes of the mesh network. and gas usage once a day. Receives and retransmits · Gives you access to detailed, hourly signals from smart meters in your energy usage data through the online neighborhood to an access point. Energy Manager tool, so you can make smart energy decisions. · Automatically submits meter reads to the data center through the mesh network. 4. Data Center · All data is transported to 3. Access Point and securely stored in the · Provides reliable two-way data center. communication. · The mesh network transports data

across the most efficient path.

without power.

· Alerts us immediately when you're

· Collects and transmits data

to the data center.

access point.

from smart meters and relays

Supports Ethernet and 4G LTE cellular.
There are roughly 1,500 meters for each

Relative Strength of RF Electromagnetic Waves Compared to a Smart Meter

Smart meter benefits



- Fewer estimates Smart meters measure detailed hourly energy use so monthly bills are based on actual energy use.
- No more customer reads If customers provide a meter reading on the months
 we estimate or have an indoor or difficult-to-access meter, they won't need to provide
 a meter reading. A smart meter does it automatically.
- Fewer onsite visits Smart meters send meter readings automatically, reducing the need for visits to homes and businesses for regular readings.
- Faster outage response Two-way communication allows for faster diagnosis and quicker response by pinpointing outages based on smart meter status.
- Makes moving even easier With faster access to customers' electricity service
 when they need it and stopping service when they don't.
- Energy Manager Energy Manager provides personalized recommendations and hourly energy use, so you can better understand and control your energy use.



Open House Outreach

To reach a wide variety of people and address questions from curious individuals and concerned citizens, RG&E will hold open house-style information sessions.

Farmington Town Hall

1000 County Road 8, Farmington – March 4, 4:30-6:30 p.m.

Wood Library

134 N. Main Street, Canandaigua – March 5, 4:30-6:30 p.m.



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Canandaigua Division: Open house approach



Open houses will be held in the Canandaigua Division Division prior to and during the installation period.

- Open house format Guests will be invited to show up anytime during a specified window of time.
- Posterboard-focused setup Guests will be welcomed at a sign-in table and encouraged to learn more about the project by reviewing handouts and posterboards positioned around the room.
- Convenient locations Preference will be given to large rooms near public transportation. Should the need arise, RG&E will arrange for interpretation services at the meeting.





Event Participation

To reach a wide variety of stakeholders, RG&E will participate in area events to engage with the public and provide information on smart meters.

Canandaigua Division: Event participation



Existing events and presentation opportunities will be used to explain RG&E's plans, communicate the benefits of smart meters and answer questions in a one-on-one or small-group setting.







Questions

RG&E is dedicated to meeting the energy needs of our customers and taking steps to build a **smarter energy infrastructure**.

Smart meters use two-way wireless communication to securely enable detailed hourly usage information and meter status, so our customers can **make informed decisions** to get the most out of every energy dollar.

Smart meters offer convenience, more control and expanded choice in understanding and managing energy use.