

Mid-Cape Main Replacement

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We're replacing 18 miles of natural gas distribution main on Mid and Lower Cape Cod as part of necessary infrastructure upgrades, and have instituted a moratorium on new connections in six communities until work is complete. Most importantly, this project will allow us to continue to distribute natural gas safely and reliably, and bring the benefits of natural gas to new customers on Cape Cod.



IMPORTANT: If you plan to have a new gas service at your home then REGISTER your request now!

Contact: Ellen Whelan
Ellen.Whelan@NationalGrid.com
508-760-7439

Moratorium Update

- ❑ Eastham, Orleans, Chatham, Brewster, Harwich, Dennis
 - ❑ No new service connections or increased natural gas use (i.e. larger appliances)
 - ❑ Two exceptions only for existing residential gas customers:
 - ❑ 1. Natural gas barbecues are permitted as added load
 - ❑ 2. Emergency natural gas backup generators may be permitted
 - ❑ Appliance replacement of same type and load does not require approval
- ❑ Yarmouth
 - ❑ National Grid must review all requests for new or added loads to confirm they will not affect system reliability
- ❑ Barnstable
 - ❑ National Grid must review requests for new or added loads over 1,000,000 Btu to confirm they will not affect system reliability

Cape Cod Gas Regional Map

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Usage Guideline

Typical Residential Usage

Heat	100,000 BTU
Hot Water	40,000 BTU
Cooking	30,000 BTU
Dryer	30,000 BTU

Total 200,000 BTU

Typical Commercial Usage

Roof Top HVAC	200,000 BTU
Commercial Kitchen	500,000 BTU
Hot Water	75,000 BTU

Total 775,000 BTU

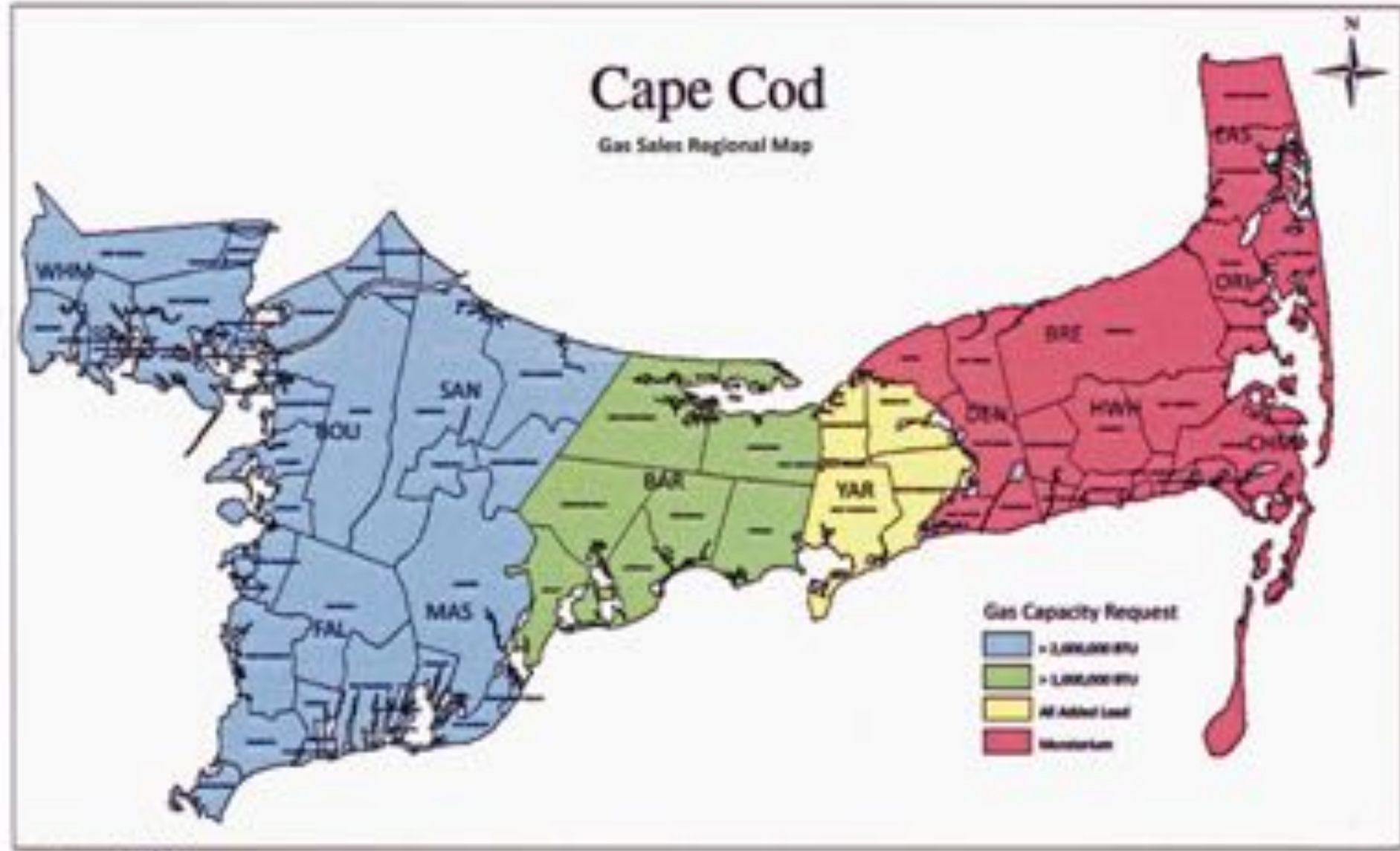
Monetarium Area – Restricts any increase in natural gas use by existing customers with two exceptions (subject to application, review and approval by National Grid):

1. Natural Gas barbecues
2. Emergency natural gas generators

All Other Towns – New or added load approvals are subject to application, review and analysis by National Grid for the prescribed Gas Capacity Request thresholds shown.

Natural gas appliance replacement of the same type and load does not require National Grid approval.

For questions, contact National Grid.
Kerrie Doyle – 781-937-2221



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10/10/14

Project Routing & Design

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LEGEND

- Yarmouth-Dennis Segment
- Brewster Segment
- Harwich Segment
- Town Boundary

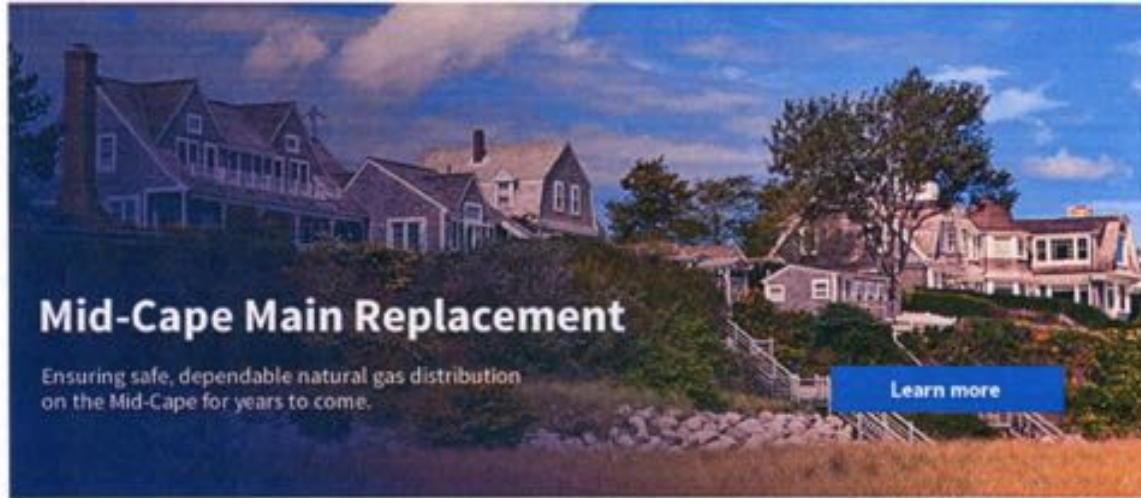
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1 inch = 4,000 feet Feet

Basemap: 2014 Orthophotography, MassGIS



Preliminary Replacement Timeline

- ❑ November 2015: Filed with MEPA
- ❑ December 2015: Completed engineering and design
- ❑ January 2016: Open houses in Harwich (1/20) and Dennis (1/28) & Harwich (7/12)
- ❑ Early 2016: File with Massachusetts Siting Board, Cape Cod Commission
- ❑ January 2017: Expected regulatory and permit approvals
- ❑ **November 2016: Construction Start on Eastern Segment (Harwich only)**
- ❑ April 2017: Begin construction
- ❑ Early 2019: Complete construction

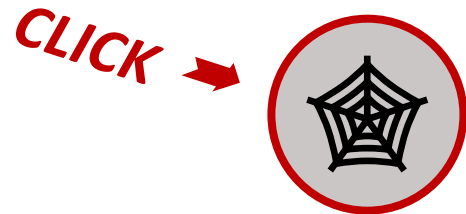


Mid-Cape Main Replacement

Ensuring safe, dependable natural gas distribution on the Mid-Cape for years to come.

Learn more

For more information: ngrid.com/midcape or (800) 235-0955



NOTES (by Bill Silver)

1. Project to install new (12" diameter steel main pipes to provide adequate gas pressure. Current main pipes are unable to provide growth in service – thus a moratorium on new service (with exceptions).
2. As of March 2018 project is 20% complete. Estimated completion date is end of 2019. But, some new services *MAY* be allowed sooner.
3. Upgrades for new Generators and Gas Grills may be allowed now.
4. Service upgrades may be allowed now for existing customer IF they have a meter with sufficient capacity. No new meters will be installed during moratorium.
5. Upgrades will include replacing 1/5" house lines with 1" lines
6. Contact National Grid regarding fees.