



Boyde's Crossing Norfolk, Massachusetts

Background

Boyde's Crossing consists of 40 single-family, detached homes with a mix of two- and three-bedroom layouts. The development features smart, high-performance homes grouped around a shared green space on 9 acres just outside the Norfolk town center.

Developers wanted to maximize energy efficiency through sustainable design, green building practices, solar photovoltaic (PV) systems, renewable energy, and smart home technology. The Sponsors of Mass Save® were there to help, providing Residential New Construction incentives to cover part of the cost of energy efficiency upgrades. The result? These homes use 45% less energy than a typical new home.

Sponsors of Mass Save

- **Electric:** Eversource
- **Gas:** Columbia Gas

Development team

- **Developer:** Stonebridge Homes, Inc.
- **Contractor:** Powerhead, LLC
- **Rater:** Home Energy Raters, LLC



First Floor



Second Floor

Boyde's Crossing Energy Savings Information

Heating fuel	Gas
HERS score with solar PV	44
HERS score without solar PV	57
Annual electric savings	127 kWh
Annual natural gas savings	21.8 MMBtu
Participant incentive per unit	\$1,377.45





Green features

HVAC

- 16 SEER air conditioner with no hydrochlorofluorocarbons
- 96% annualized fuel utilization efficiency furnace
- Energy recovery ventilation systems

Lighting

- LED lighting
- Lutron Maestro® IR dimmers

Water

- On-demand tankless water heaters
- Porous pavement for water recharge, a cistern fed by roof drains that irrigate the community victory gardens, and an on-site water well

Building envelope

- Low-density foam in walls
- Cathedral ceilings
- U-factor 0.24 windows

Appliances

- ENERGY STAR® certified appliances
- ecobee4 smart thermostats

PV

- 3-kW solar PV array

Insulation

- High R-rating insulation
- Low-emissivity, double-pane windows

Have a question? We're here to help:

1-866-527-SAVE (7283) • ResNewConstructionMA@icf.com • MassSave.com/Residential-New-Construction

About Mass Save:

Together, we make good happen for Massachusetts. Your local electric and natural gas utilities and energy efficiency service provider are taking strides in energy efficiency: Berkshire Gas, Cape Light Compact, Eversource, Liberty Utilities, National Grid, and Unitil.

As one, we form Mass Save®, with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy-efficient future.

WE ARE MASS SAVE®:



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