



# 81 BRENT ST:

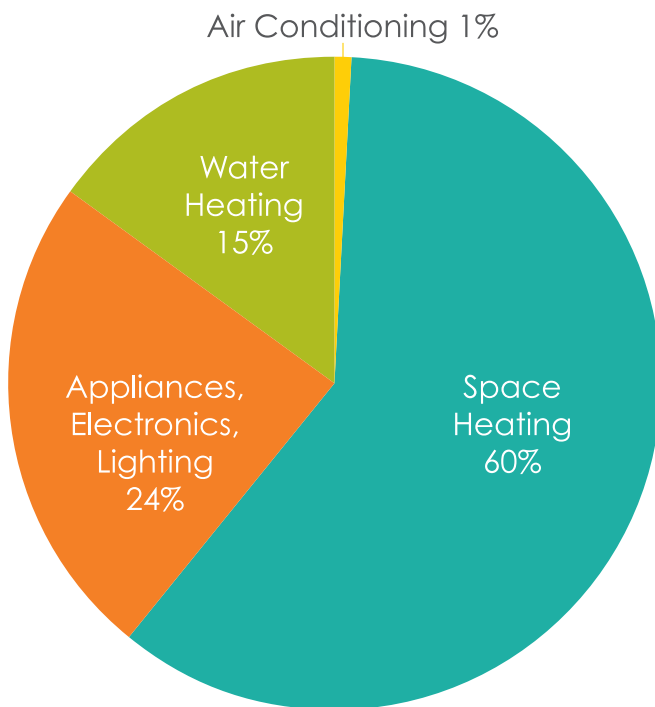
## A model for stopping thousands of dollars from going down the drain

Massachusetts households spend over \$2,500 a year on energy. Residents are **throwing a lot of money down the drain** by not taking advantage of energy efficiency.

Cynthia Loesch and Ivan Liriano, residents at Dorchester's first LEED platinum home at 81 Brent St., and their tenants spend less than half that of the average new home on energy.

Not only are they and their tenants getting \$2,000 to \$4,000 a year in savings, they also received over \$55,000 in federal, state, and utility incentives upfront to make their home more comfortable and cost-efficient.

### HOW MASSACHUSETTS RESIDENTS USE ENERGY



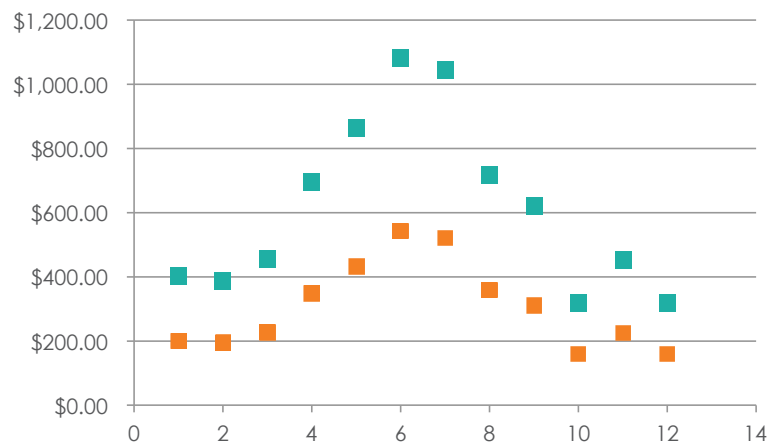
Concentrate on where you spend the most! 81Brent has thick R60 insulation in its attic, preventing energy waste from leaking out. It also has highly efficient new boilers. A programmable thermostat allows for the home to be warm when they wake up - and for heating to shut off when they're away, saving hundreds of dollars a year.

### HOME ENERGY RATING SCORE:

**<35**

Average new home: 70  
Average home: 100

To figure out 81 Brent's bills vs a comparable new home, divide 70 by 35. For an average home, divide 100 by 35.



81 Brent spent \$3,600 on energy costs, close to half that of a similar home for 2013

■ Similar, but Less Efficient Home  
■ 81 Brent

# WHAT THEY DID

**START** with an energy assessment! With the help of trained advisors, Cynthia and Ivan were able to find out where they could save the most.

They also automated their home so they could turn off a thermostat with a tap on a phone.

**ACHIEVE** a Tier 3 Energy Star rating, making them eligible for \$8,000 per unit in state incentives for new construction in 2010

**RECEIVE** rebates for three high-efficiency boilers at \$1,500 each.

**INSTALL** a 5 kW solar PV (electricity) system, which covers all common area electricity! They received over \$20,000 for a \$33,000 system, bringing down the payback period to around 3 years.

They also installed a 8 kW solar thermal system for heating up hot water. They received \$6,410 for a \$18,000 dollar system. The payback period on this system is around 10 years.

More cost effective

# WHAT YOU CAN DO

**START** with a no-cost energy assessment today by calling 617-635-SAVE or signing up at [renewboston.org](http://renewboston.org).

As part of the home energy assessment, you can get a programmable thermostat, money-saving lightbulbs, water-saving shower heads, and more.

**INSULATE** your home - though only new construction is eligible for the Energy Star state incentives, insulation remains the most cost-effective thing you can do after the assessment!

Incentives can be more than \$3,000 per unit. Read more at [renewboston.org](http://renewboston.org).

**REPLACE** old heating equipment and receive up to \$1,600 for efficient boilers. [bit.ly/1oykQPG](http://bit.ly/1oykQPG)

And if you have a heating system that's over 30 years old, you can get over \$4,000. [bit.ly/1umVV6l](http://bit.ly/1umVV6l)

Efficient heating systems are also eligible for the HEAT loan – a 0% financing program! [bit.ly/1u9P9lo](http://bit.ly/1u9P9lo)

**CONSIDER SOLAR.** The price of solar PV has gone down a lot – today, a 5 kW system might cost around \$20,000 instead of \$30,000.

The incentive has gone down, too, but you can still receive a 30% tax credit from the federal government, and up to \$4,250 from the state. [bit.ly/1B97diR](http://bit.ly/1B97diR)  
A solar hot water system is eligible for 30% off the cost and up to \$3,000 from the state. [bit.ly/1B-97diR](http://bit.ly/1B-97diR)



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