

# 2 DEGREES 2 SAVE™ Program Frequently Asked Questions

## Who can participate in this program?

Any home or business owner with central air conditioning is eligible. The air conditioning system must be deemed sufficient before the thermostat is installed.

## How does this program work?

Participating customers agree to allow the temperature in their home or business to be raised by up to 2 degrees from where they set it to reduce demand for electricity in summer months during periods of extreme heat. These peak events will last no more than four hours and will typically begin in the afternoon on a weekday and end in the early evening.

## If I don't own my property, can I still enroll?

Yes, with permission from the owner.

## Who will install my thermostat?

All thermostats will be installed by Honeywell employees with specific training in the installation of the thermostat. The installer will teach you how to program the thermostat and give you information about accessing it from the web if you have a computer with web access. You will also have access to a toll-free 24-hour helpline if you should have any questions about your thermostat in the future.

## How can I control my thermostat remotely?

You can log on to the secure website from any computer that has Internet access, such as at work, the library, a friend's home, or an Internet Café, or even using your smartphone's web browser. To begin, go to URL [www.2degrees2save.org](http://www.2degrees2save.org). The default User ID is your BPU account number. The default Password is the serial number of your thermostat.

## If I change my thermostat setting from the website, how long does it take to display on my thermostat?

The average time is less than 5 minutes.

## How is this program good for me?

The US Department of Energy says that a good programmable thermostat when properly programmed and maintained can save 5% to 15% on heating and cooling costs per year. The average household spends more than \$2,200 a year on energy bills - nearly half of which goes to heating and cooling. Homeowners can save about \$180 a year by properly setting their programmable thermostats and maintaining those settings.

## Will I notice a loss of comfort?

No, you should not notice any loss of comfort. BPU will only adjust the temperature of your home by 2 degrees from where you set it. Two hours before the time that BPU needs to reduce peak load your thermostat will automatically lower its temperature setting by 2 degrees. At the start of the load control event your thermostat will adjust to 2 degrees above your original set point. At the end of the event your thermostat will return to its programmed or original set point. The "pre-cooling" before the peak load reduction provides greater comfort for our customers.

## Does this program affect the temperature of my home in the wintertime?

No, this is a cooling program only. BPU cannot adjust the thermostat when the heat is running.



## How does this program reduce peak electricity use?

The thermostats reduce peak electricity use by adjusting the temperature up by 2 degrees. Therefore, air conditioners don't need to work as hard during the few hottest hours of the summer's peak use days. When they are running, the air conditioners of all participants cycle on less, so that fewer of them are running at the same moment and peak electricity use is reduced.

## Why is reducing peak electricity use a good thing?

It saves money for all customers in two ways. First the cost of producing electricity depends on when it is being used. During periods of moderate demand utilities rely on the most efficient generators with the lowest cost fuel. However, on hot, muggy weekdays, when wind turbines are not moving and air conditioners are working hard, utilities must use all available generation and transmission resources. The cost of energy on the power grid can be more than 10 times higher during peak use hours. Second, utilities need to maintain a power supply large enough to meet its highest expected peak demand. By reducing that peak demand we may be able to defer building an expensive generator that will only be used a few hours each year. When BPU saves, you save.

## How is this program good for the environment?

Generators used to produce electricity during peak periods are the least efficient. Avoiding their use means fewer pollutants going into the atmosphere.

## Does the thermostat address daylight savings time?

The Honeywell thermostat does not automatically change for daylight savings time. Therefore, you must manually reset the clock. Select the "Set Clock/Day" feature on your thermostat to make the change.

## If I lose power, will my thermostat clock need resetting?

No. Back-up AA batteries maintain the thermostat clock and program. It's recommended replacing the batteries yearly.

For More Information...

call 2 DEGREES 2 SAVE Hot Line at

888-267-6609

or email: [2degrees2save@bpu.com](mailto:2degrees2save@bpu.com)



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