

Savings from

## ENERGY STAR®

- **\$34 billion/year** energy bill savings (net)
- **\$575 in energy bill savings/year** for typical family with all new ENERGY STAR products and insulation
- **370 billion kWh/year** electricity savings (≈ electricity use of 30 million homes)
- **300 MMT CO<sub>2</sub>/year** emissions reduction (≈ emissions of 60 million cars)

The ENERGY STAR program helps consumers save energy. Created in 1992, the ENERGY STAR label is the mark of efficient appliances, electronics, lights, new homes, and more. ENERGY STAR also helps owners track the efficiency of their commercial buildings and runs home energy upgrades, industrial efficiency, and other programs.

### How does it help?

Energy efficiency is often invisible, and ENERGY STAR helps consumers see which products save energy. More than 90% of Americans recognize the ENERGY STAR label and can use it to save money on their utility bills and to help the environment. Utilities and states use the program to achieve their energy savings goals and manage electricity loads. Manufacturers and retailers use it to market efficient products.

### How much does it cost?

In 2017, ENERGY STAR was funded at about \$41 million by the Environmental Protection Agency (EPA), with much less spending at the Department of Energy (DOE). (The EPA runs most of the ENERGY STAR program, but DOE performs testing and runs the home energy upgrade program.) Consumers buy 300 million ENERGY STAR products and almost 100,000 ENERGY STAR homes each year.

### What is at stake?

If funding for the program is cut, some or all of the following benefits we estimate for future ENERGY STAR work would be lost:

	2018–30	2018–40
Energy bill savings (net present value)	\$170 billion	\$320 billion
Number of ENERGY STAR products sold	4 billion	7 billion

### Is it cost effective?

ENERGY STAR leverages billions of dollars in savings from a small federal investment. For every dollar consumers invest in efficiency using ENERGY STAR, they save \$4.50.



**CHANGE THE WORLD,  
START WITH ENERGY STAR®**

*An advertisement for an ENERGY STAR campaign (Source: energystar.gov)*

## A Home Performance Star in Arizona



*Elena Chrimat working in an attic (left) and next to bales of insulation in her workshop (right). (Source: Elena Chrimat)*

When Elena Chrimat could not get a buildings job in Arizona during the recession of 2008, she cofounded a small business (working out of her 1989 Land Cruiser) to save energy in homes. Ideal Energy LLC now employs 10 people in Tempe. They completed 1,179 jobs in 2016, many as part of Home Performance with ENERGY STAR programs through their local utilities. These included energy audits, installing efficient air conditioners and insulation, and sealing air leaks. With efficiency, Chrimat said, she “didn’t just want a job to make a buck, [but] to do something more impactful.”

### **Saving Energy in Florida**

The Almonte family made energy efficiency upgrades to their home in Miami, FL, not only to reduce their monthly energy bill, but also to minimize their impact on the environment. They replaced all of their kitchen appliances with ENERGY STAR models, replaced their water heater, put in ENERGY STAR lighting, added weather stripping, and even bought an ENERGY STAR computer. With these upgrades they saved \$63 a month in utility bills.