Energy savings are for everyone.

When you partner with the Power Project, you help put energy-saving technology into the hands of those who need it most.

Everyone wants to save money on energy bills, but for the one in four American households that struggles with a high energy burden, cutting costs is critical.

> The average American family spends 3.5% of their income on energy
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> ———
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> Many lower-income families spend 20% of their income on energy

We believe every household should have access to energy efficiency – but eliminating the energy burden is a perennial challenge. That's why we're working with more than 30 Power Project partners to install one million energy-saving Nest thermostats in the homes of low-income customers in the next five years.

Here's how the Power Project is helping to ease the energy burden for families across the country:

- The Nest Thermostat E helps them save energy and stay comfortable, with the same learning capabilities as other Nest thermostats.

- Power Project partners, including utilities, weatherization providers, and affordable housing agencies, receive special pricing on the Nest Thermostat E. That means thermostats can be given to eligible households at little or no cost, increasing the savings-to-investment ratio and payback period for the partner.

- Even in houses or apartments without Wi-Fi, Nest thermostats can deliver savings to customers and program measurement teams.

- Google Nest provides call center support to customers seven days a week, so they can easily resolve issues directly with our experts, rather than Power Project partners.

Interested in partnering with us?
Reach out at powerproject@google.com.

Colorado Energy Office Weatherization Assistance Program

As part of its low-income weatherization program, the Colorado Energy Office Weatherization Assistance Program launched a pilot project in 2016 to test the incremental energy savings potential from the installation of Nest thermostats.

They found that homes that installed a Nest thermostat used an average of nearly 10% less heat than participants who only received weatherization measures.[2, 3] Participants received a one-page sheet about product features, but relatively little direct guidance on maximizing the energy savings benefits. With more education and resources, participants could see even higher energy savings in the future.

> Weatherization programs that used a Nest thermostat increased savings by 64%

Although Wi-Fi was not required, 81% of participants who received the thermostat did have Wi-Fi. The evaluation found that homes with and without Wi-Fi saved at similar levels. Weatherization programs that used a Nest thermostat increased savings by 64%. And cost-effectiveness analysis using the Weatherization Assistant National Energy Audit Tool showed that Nest thermostats were very cost-effective, with savings-to-investment ratios (SIRs) ranging from 4.3 to 8.6. (By comparison, overall federal weatherization programs deliver an SIR of approximately 1.5.[4]

Key takeaways: How Nest thermostats deliver high impact at a low cost

- They build on traditional weatherization improvements like insulation, weather stripping, and efficient appliances by adding advanced controls and automating energy-saving behaviors.

- They're easy to use, and they can deliver meaningful energy savings at a reasonable cost, improve comfort, and adjust to the preferences of individual households.

- The Nest Thermostat E is available at a lower price than many other smart thermostats, so it offers even more attractive payback for low-income households. And that makes saving energy easier for everyone.

**Ready to join us and bring energy efficiency to those who need it most?
Get in touch at powerproject@google.com.**

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[2]Evaluation of Energy Savings from Colorado Weatherization Assistance Program, Nest Thermostat Pilot, August 2018.
[3]Individual savings depend on utilization of energy-saving features and are not guaranteed.
[4]Source: https://www.energy.gov/sites/prod/files/2015/08/f25/WAP_NationalEvaluation_WxWorks_v14_blue_8%205%2015.pdf

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