

SMART GRID SOLUTIONS AND SERVICES

Helping utilities manage energy consumption with proven energy efficiency and demand response programs.



Honeywell

HOW WE USE ENERGY MATTERS

Our Smart Grid Solutions include comprehensive energy efficiency and demand response programs that enable effective energy management and consumption.



Energy use has never been higher than it is today, and the only way to meet this growing demand is to rely on diverse sources of energy. And while some sources — hydro, wind and solar, for example — are cleaner than others, there's no denying that our energy-driven world needs to make significant changes to create a stronger power grid and a more sustainable future.

Utilities are at the epicenter of energy management. Amid the challenges of grid modernization, they play a critical role as catalysts in changing consumption habits, reducing stress on the grid and improving the energy efficiency of our processes, our homes and our businesses. At Honeywell, our Smart Grid Solutions and Services include energy efficiency and demand response programs that help amplify utilities' existing offerings for lower, effective energy use — meeting end users' needs and goals.

SOLUTIONS FOR ENERGY MANAGEMENT

Our Smart Grid Solutions portfolio enables utilities to drive energy-efficient improvements across diverse markets for various end users.

An uptick in eco-conscious legislation, like the Inflation Reduction Act and Green New Deal, encourages the adoption of better consumption practices, the installation of energy-efficient appliances and participation in demand response programs. Our broad array of solutions helps utilities engage residential, income-qualified, small business, commercial and industrial customers.

We understand that utility and customer energy management and sustainability goals won't always look the same. That's why we offer a full scope of approaches, solutions and services that can be tailored for different outcomes, all in support of a common goal: a smarter, safer, more energy-efficient future.





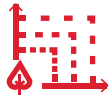
HONEYWELL THE RIGHT CHOICE



30+ years of utility collaboration delivering EE and DR programs



Full-service support from marketing to customer service



Capabilities across breadth and depth of EE and DR portfolio



Reputable brand awareness



Advanced analytics for predictable results



Open technology approaches



Unique products and capabilities



Connected data management ecosystem



World-class data cybersecurity



Familiar with regulatory changes and able to support



Extensive network of trained professionals



Easy handoff from contractors to customers



Customer, trade ally and staff training and education

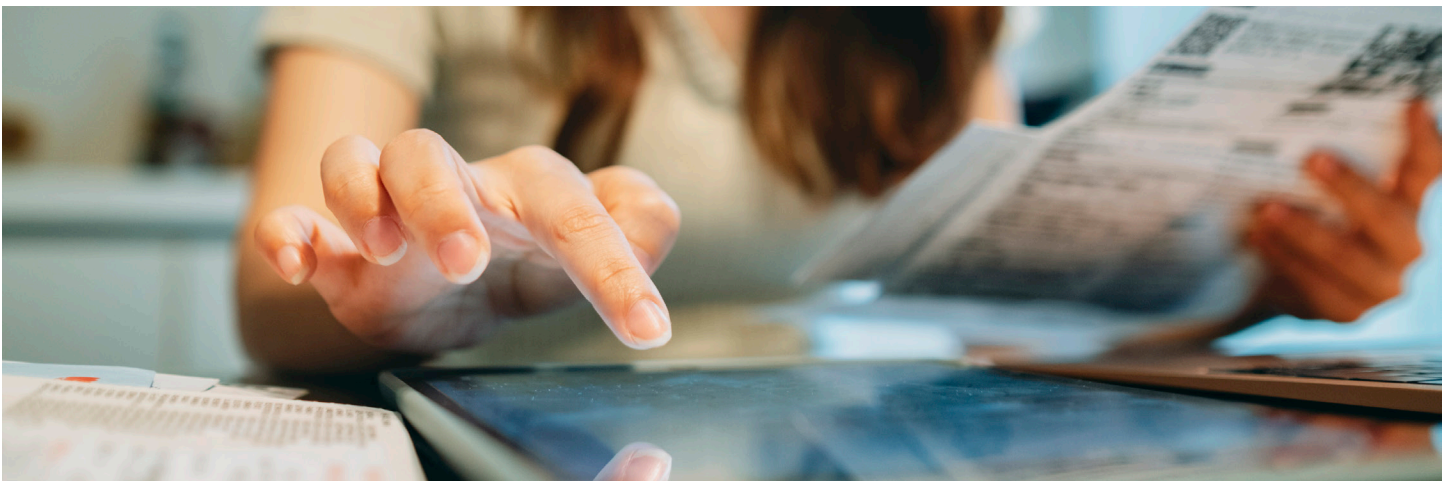


Flexible approaches to fit budget needs

EVOLVING WITH ENERGY EFFICIENCY

Designed for long-term impacts, our energy efficiency solutions help yield increased customer engagement and fewer loads on the grid.

We offer comprehensive energy expertise and project support with solutions ranging from energy audits and direct install of efficient equipment to device management and customized engineering. Adjustments and improvements made now can reduce energy consumption, lower energy bills and improve the resiliency of our power grid over time.



RESIDENTIAL

Smaller-scale modifications can create big impacts. For residential spaces, we offer the following energy efficiency programs and services:

- Energy audits
- Direct installation of energy-efficient equipment
- Retail incentives for direct purchase

COMMERCIAL

With our programs and services, there are several ways to make effective commercial energy efficiency upgrades:

- Energy audits
- An online engagement portal for customers and trade allies
- Prescriptive or custom solutions
- Maintenance and tune-ups for buildings, air conditioning systems, boilers and other equipment

INDUSTRIAL

For maximum energy efficiency across industrial processes and applications, we provide an array of program services, including:

- ASHRAE audits
- Compressed air leak surveys
- Steam system leak surveys
- System optimization assessments
- Energy management assistance

Utilities can strengthen energy efficiency efforts in **low-income residential markets and across small businesses** by engaging these communities with equitable, affordable and accessible solutions. In qualifying areas, targeted rebates, financing support and higher incentives may be available. We can help you with the details.

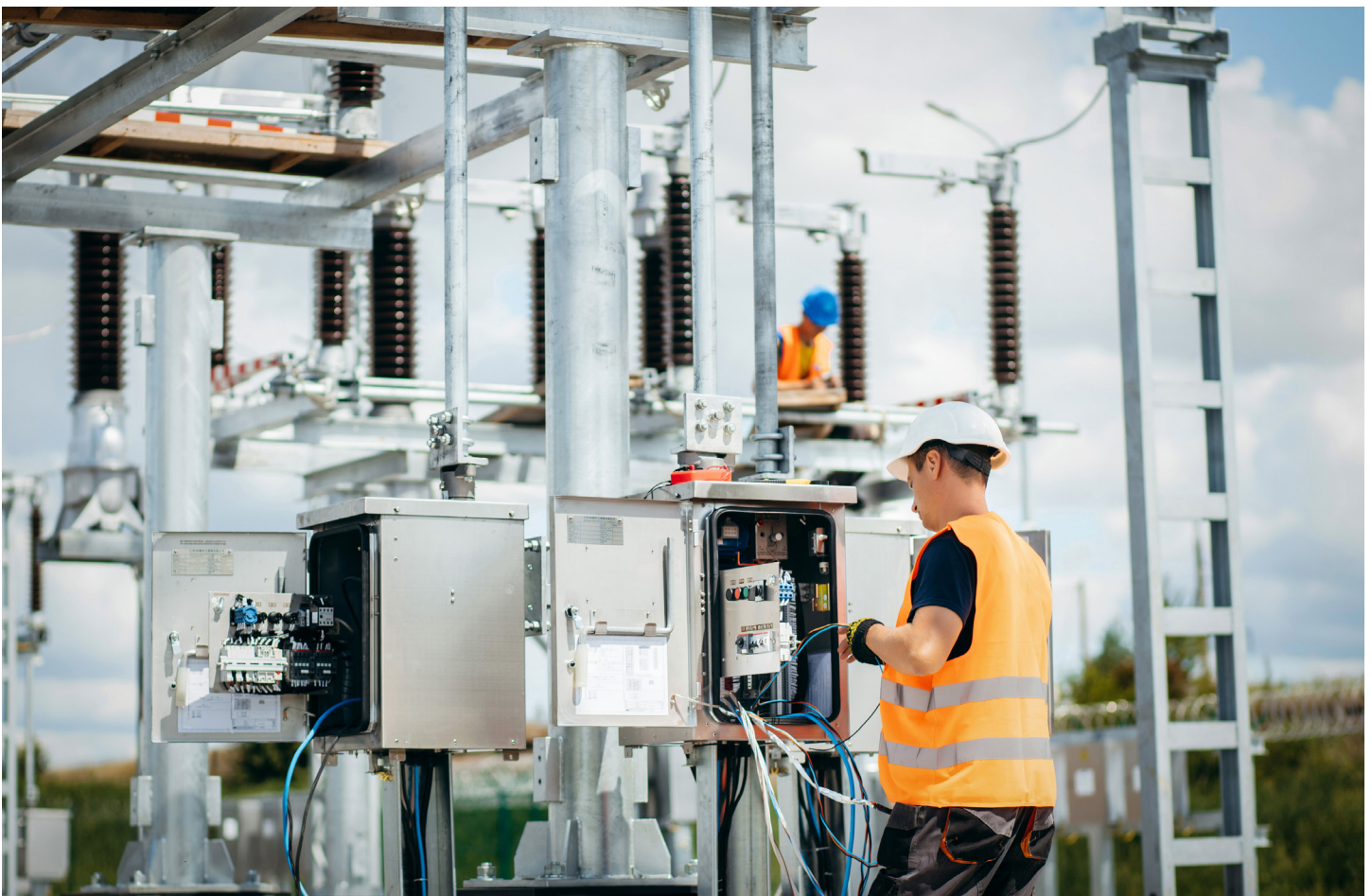
With us, the future of energy efficiency is flexible; turnkey solutions create greater customer engagement and clean energy opportunities for added value across the energy landscape.

PEAK PERFORMANCE MEANS PEAK REDUCTION

Measure, manage and lower energy use with effective demand response programs that motivate customers to change their consumption habits.

Alongside energy efficiency efforts, our demand response (DR) programs work to reduce stress on the grid and improve energy resiliency by strengthening utilities' new or existing DR offerings. Time- or event-based management of energy consumption can help prevent power surges, outages and blackouts.

Whether it's setting your thermostat a few degrees higher during peak A/C hours or choosing to leave the lights off a little longer than normal, the on-demand decrease in energy use by residences and businesses helps both utilities and their customers reach energy waste and emissions reductions goals faster.



HONEYWELL DEMANDSITES™: A DISTRIBUTED ENERGY RESOURCE PLATFORM

At the center of our demand response offerings is Honeywell DemandSites, a digital platform for energy management. Supported by a suite of solutions, this connected, cost-effective interface for utilities increases real-time data access across assets for optimal energy reduction during peak hours. These solutions include:



METERING SOLUTIONS

Automated metering infrastructure data enables the analysis of peak load problems for strategic power reduction and better power reservation during times of high demand.



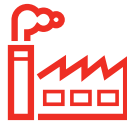
CONSUMER ENGAGEMENT PORTAL

This demand response resource encourages energy efficiency through behavioral tips, education and product offers, along with project statuses and real-time support.



DRMS+

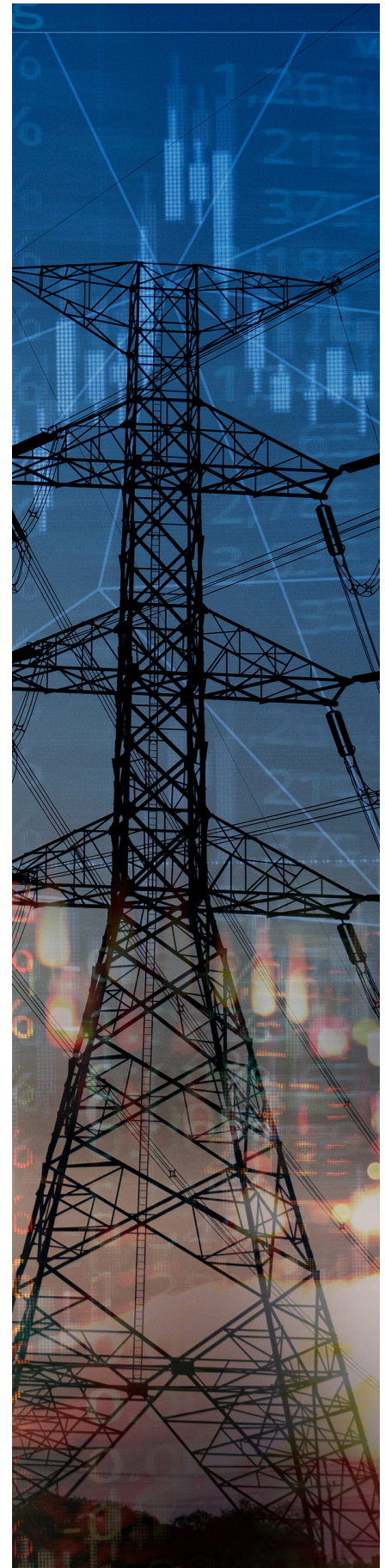
This cost-effective dashboard displays current system status, load control summaries and alarm events for an unobstructed view of customers' energy management with manual and automated responses.



VIRTUAL POWER PLANT

Various assets can be turned into virtual power plants with coordinated responses, timely results and power optimization.

Prioritizing energy use with DemandSites gives utilities and their customers complete visualization into when, where and how much energy is being consumed at a given time. This can then be used to make demand-driven, energy-efficient changes. From start to finish, we help utilities put the control and flexibility in the hands of customers to change their consumption habits for incentivization — and the added perk of lower electric bills.



SMART GRID SOLUTIONS IN AN ENERGY-DRIVEN WORLD

A stronger grid. A more sustainable future. A world with fewer emissions. With four decades of experience and expertise in energy efficiency, load management and demand response across 1,000 utilities, our Smart Grid Solutions can help turn these goals into realities at an impressive speed.



For more information

pmt.honeywell.com/us/en/businesses/smart-energy/service/sgs

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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell