

# Trane<sup>®</sup> Utility and Grid Solutions



The energy industry in North America is undergoing a fundamental transformation, creating new opportunities and challenges for utilities and their customers, and redefining how the supply and demand of energy are managed. As this transition unfolds, energy efficiency and load flexibility are becoming increasingly important, and buildings represent tremendous resources for utilities to tap into to achieve greater levels of efficiency and flexibility in partnership with their customers.

Trane is an experienced and trusted utility partner that is well positioned to help you navigate these changes and deliver valuable solutions to your customers.

By selecting Trane as your partner, you get:

**Experience:**

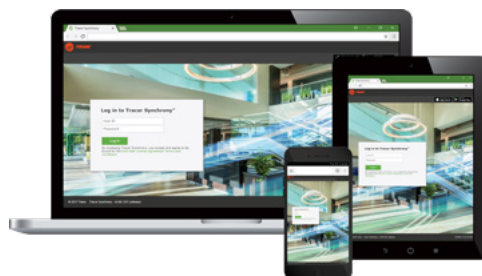
- 100+ years of building systems expertise
- 40+ years of building automation & controls expertise

**Breadth of Services:**

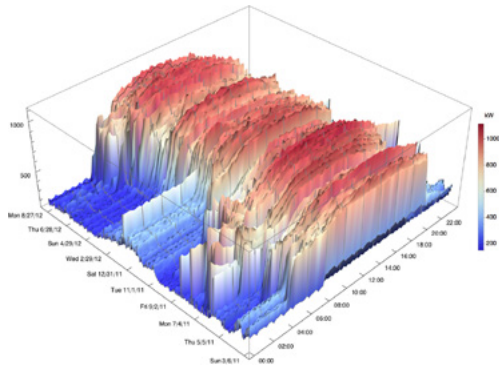
- Leading HVAC equipment manufacturer
- Building controls and automation
- Energy management systems and services
- Energy contracting
- Energy storage, renewable energy, and on-site generation
- Energy procurement and management services

**Scale:**

- With more than 900 U.S. patents to date, Trane creates comfortable and energy-efficient environments around the world
- 25,000 Trane associates; presence in 60 countries



No matter what types of utility programs you are considering for your customers, Trane has the capabilities and experience of a market leader:



### Energy Coaching and Data Visualization Tools

By having energy experts analyze utility bill data and leverage the Trane Energy Optics tool for data visualization, Trane can help identify areas of opportunity and the associated monetary impact those improvements would have for the customer and the utility alike.



### Efficient Building Equipment

With HVAC making up over 30%\* of the average building's energy use, efficient equipment can significantly impact grid capacity constraints. Trane offers a complete portfolio of high efficiency equipment to meet the needs of a wide range of building sizes and HVAC applications.

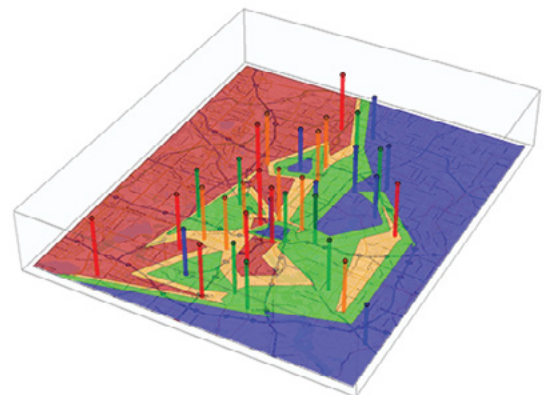
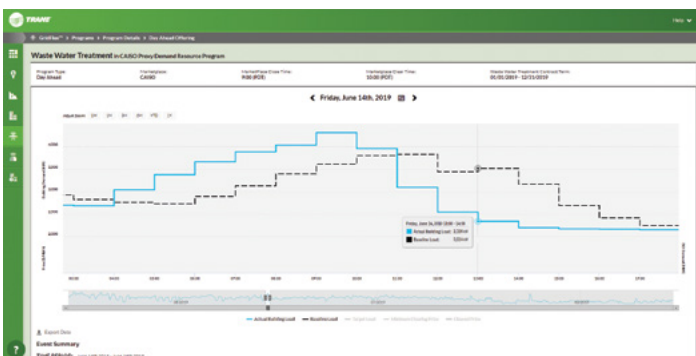
### Retro-Commissioning

Trane will provide targeted recommendations on ways to maximize building system efficiency. We'll also verify and document retro-commissioning results.



### Energy Storage

Energy storage systems help improve how the power supply is managed, create a more resilient energy infrastructure and bring cost savings to building owners and utilities.



### Demand Response & Load Flexibility Solutions

GridFlex™ is Trane's energy management platform that orchestrates building demand response capabilities, renewable energy & energy storage technologies with the real-time needs of the power grid, with minimal to no disruption to occupant comfort and operations requirements.

### Non-Wires Alternatives

By geographically targeting efficiency and demand reduction strategies, Trane can help utilities defer, reduce or eliminate distribution system expenditures.

\*Source: <https://www.eia.gov/energyexplained/use-of-energy/commercial-buildings-in-depth.php>

Learn more at [trane.com](https://trane.com)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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