Optimize your energy usage with thermal & battery energy storage

Heating ventilation air conditioning (HVAC) accounts for 40 percent of energy usage in commercial building.

Leveraging energy storage technologies helps lower operating costs and reduce pressure on the utility grid.

Contact your local account manager for more details.

Trane offers a complete portfolio of renewable and energy storage solutions.

Building Electric Load Profile...

...with Thermal Energy Storage

Leveraging thermal and battery energy storage together optimizes renewable energy usage.

Energy storage increases the use of renewables up to 50%.

Combining ice and a battery energy storage to address peak demand can reduce the installed energy storage equipment cost by as much as 75% compared to a battery alone.

Building Electric Load Profile with Thermal and Battery Energy Storage

6 am 6 pm

0 200 400 600 800 1000 1200 1400 1600

Chiller

Pumps

Fans

Lighting

Base Load

Charging Thermal & Battery Storage

Discharging Thermal & Battery Storage

Ice Making

Ice Cooling

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Contact your local account manager for more details.


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