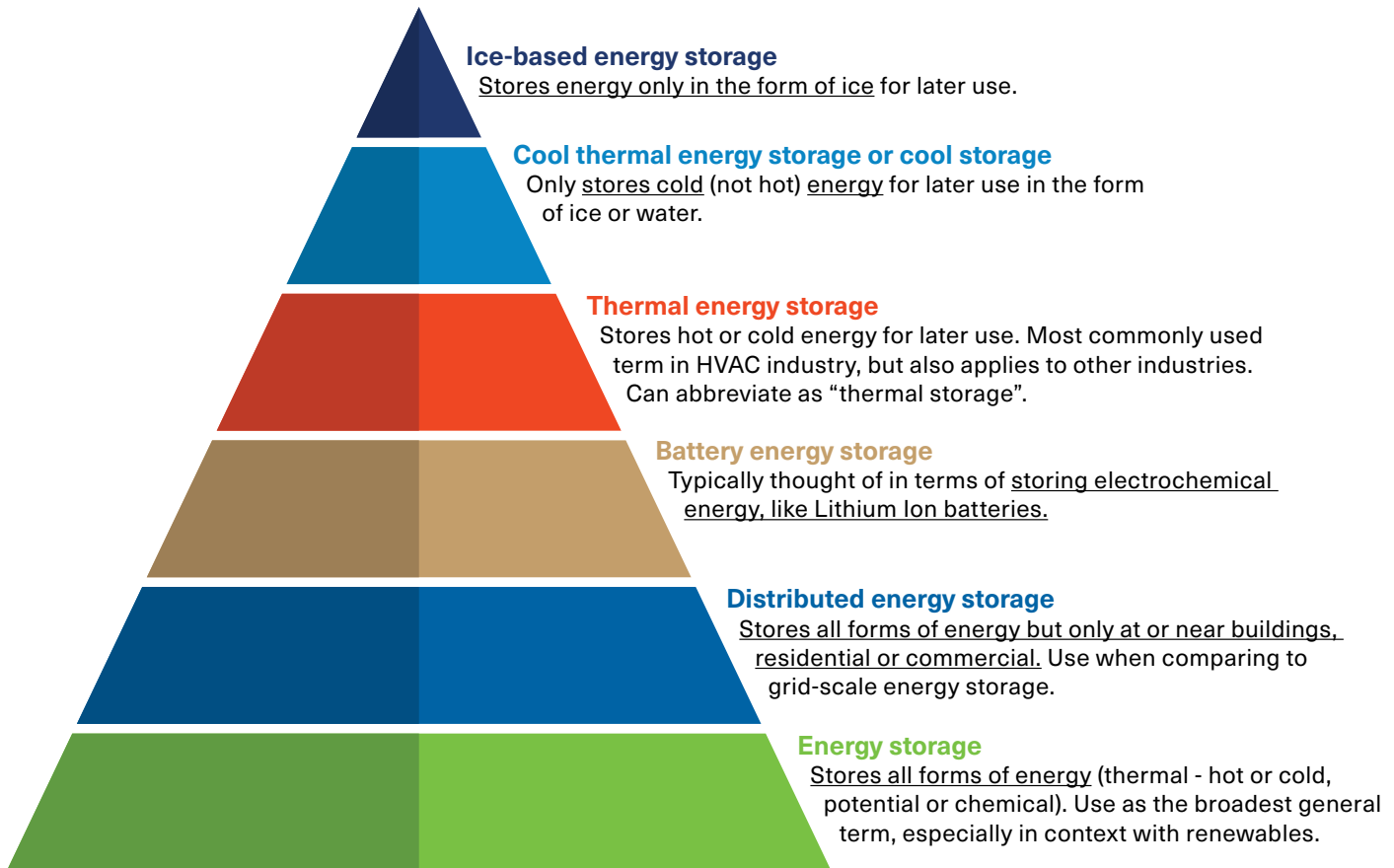


Thermal Energy Storage Terminology Guide



Buildings have generally two types of loads, thermal and electrical. In general, to best serve the needs of the customer and the environment, use thermal storage to meet thermal loads and electrical storage to meet electric loads.

Thermal Battery™ cooling system

A Trane controlled chiller plant enhanced to act as a battery. Offers a new way of looking at conventional batteries as a means for storing cooling.

Thermal Battery cooled chiller plant

Pre-packaged air-cooled system featuring a charging chiller with ice making controls as factory option, completion module with pumps, controls, control valves PFHX, if needed all piping specialties, control dashboards with savings, modes of operation and schematics and the Ice Bank energy storage tank.

Ice Bank® energy storage (tank)

The central piece of a Thermal Battery system. Thermal energy in the form of ice is stored in this “ice tank”.

CALMAC®

The Trane portfolio that manufactures the Ice Bank energy storage tank and provides sales support related systems.



FirstPass™

Lifecycle analysis tool for thermal energy storage systems. FirstPass can be used as a conversation starter, project filler, and life cycle analysis tool.



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 or tranetechnologies.com.

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