



Deltastore

from tank to turnkey
heat/cold storage system

farmatic
tank systems

Thermal Storage

from tank to turnkey heat/cold storage systems

The farmatic thermal storage system makes the efficient utilization of renewable energy (such as solar thermal power) possible on a larger level. Excess heat from combined heat and power plants are able to be stored efficiently in our thermal storage system for use during peak demand. Our thermal storage system and its sophisticated management technology are able to compensate intermediate fluctuations in production and consumption. With the integration of farmatic thermal storage systems, operators of heating or cooling grids are able to substitute or completely remove peak load equipment and achieve impressive savings in operating and maintenance costs. Additionally, an intermediate thermal storage solution enables utilities and manufacturers to use low energy prices during off-hours for production of heat and cold for use during expensive peak hours. farmatic is one of the few companies capable of designing and constructing customized thermal storage systems for industrial and municipal customers. Our turnkey thermal storage systems are tailored to the specific operating parameters desired by our customers and are in successful operation since 2007.

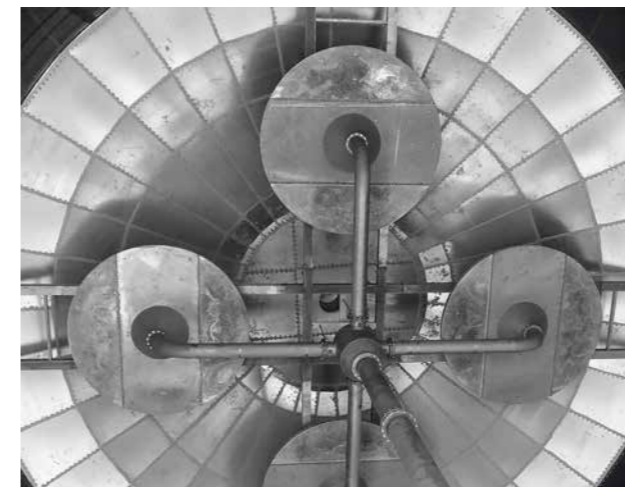
Interface between TES and thermal grid

- hydraulic separator
- heat transfer
- safety systems
- pressure maintenance
- signal exchange with process control unit

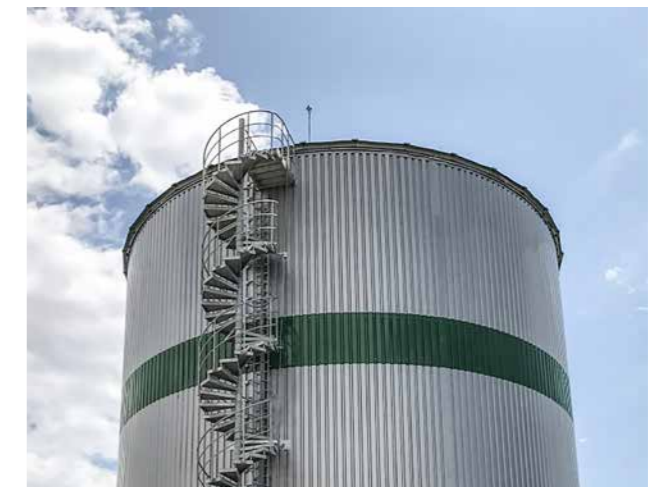


Heat and cold storage for:

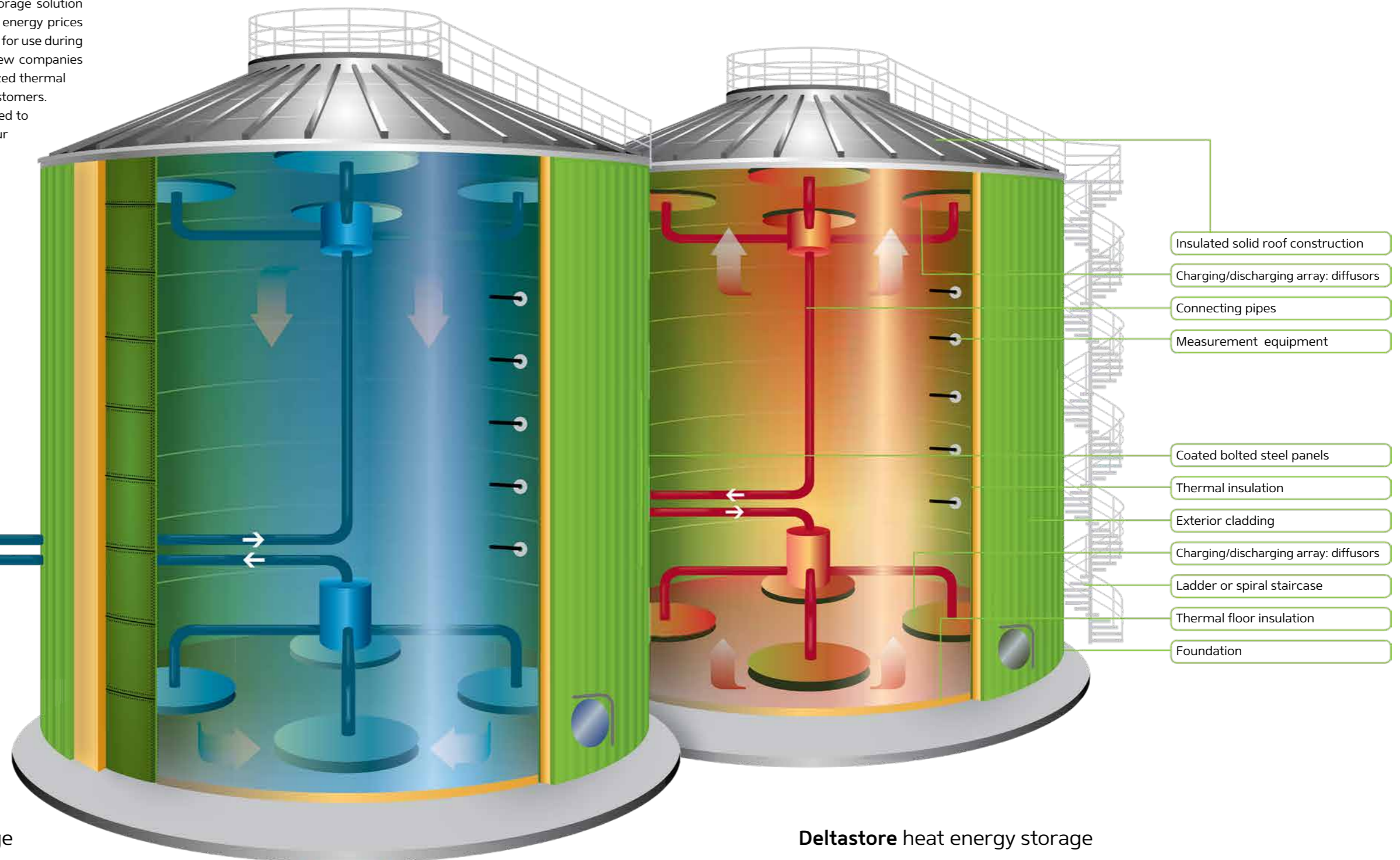
- » air conditioning
- » energy buffers
- » district heating/cooling
- » contracting
- » industrial processes
- » agriculture
- » transport



Bosch, Nürnberg



Siemens, Peru



Deltastore cold energy storage

Deltastore heat energy storage



farmatic tank systems

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