

Trotec Logistics Center Heinsberg



Ice storage for the climate-neutral development of a new production and logistics center

Project

Trotec GmbH, based in Heinsberg, supplies industry, commerce, and private users with machines for dehumidification, humidification, heating, and ventilation. Trotec advertises that it will be 100% climate-neutral in its production by 2023. The roof of the new production center has been equipped with 50,000 m² of solar panels. The solar energy generated is sufficient to cover the company's own needs and supply approximately 2,000 households in the surrounding area.

Scope of delivery and services

- ❄ Planning, manufacturing, installation, and commissioning of two on-site ice storage systems for cooling the new production and logistics center for Trotec

Technology

- ❄ 2 high-performance ice storage units, type sp.ICE INSITU 6,500

Performance data

- ❄ Storage capacity: 16,000 MWh
- ❄ Charging time: 14 hours
- ❄ Charging capacity: 1,100 kW

Commissioning 2023

