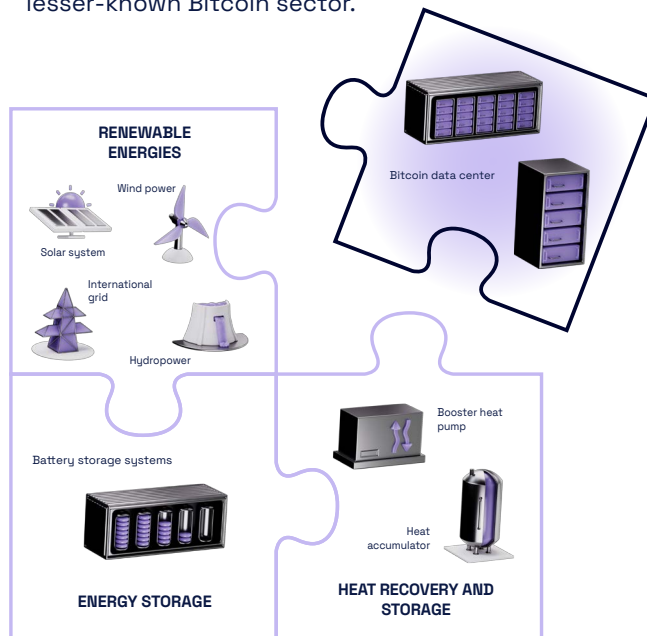


The missing puzzle piece for the energy transition

The unique characteristics of Bitcoin data centers can be optimally integrated into existing energy systems.

Terahash offers customized solutions for companies looking to efficiently and sustainably convert energy into value and heat.

We connect the established and well-known energy industry with the innovative and lesser-known Bitcoin sector.



Are you interested in energy solutions?

Contact us!

terahash

With terahash.powersystems, we collaborate with our strong partner **Timeless Planet GmbH & Co. KG** to provide innovative **energy infrastructure solutions for business customers** in the manufacturing industry, energy producers, municipal utilities, power grid operators, and electricity traders.



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VISIT OUR
WEBSITE

Turnkey solutions

Innovative solutions for the
energy infrastructure &
EPC management

The energy market in transition – Challenges and Bitcoin data centers as a solution

To achieve CO₂ -neutral heating systems, driven by environmentally conscious consumers and stringent regulations at the EU level, the energy sector faces an urgent transformation.

What solutions do Bitcoin data centers offer?

- Stabilization of power grids
- Increase in energy autonomy
- Utilization of surplus electricity
- Alternative heating source

The powerhouse of the future



SOLAR SYSTEMS

- Installation of new solar systems for rooftop, ground-mounted, and agri-PV projects
- Capacities ranging from 300 kWp to 5 MWp
- Efficiency enhancement of existing systems through repowering

INDUSTRIAL ENERGY STORAGE SYSTEMS

- Delivery of high-performance industrial large-scale storage solutions
- Charging capacities from 100 kW to 700 kW
- Storage capacities from 250 kWh to 1.25 MWh
- Flexible scalability for customized projects

MOBILE BITCOIN DATA CENTERS

- Indoor tower or outdoor container with heat recovery
- Power output from 100 kW to 1 MW
- Modular booster heat pumps starting from 50 kW
- Flexible scalability for customized projects

Our services for the energy generation, storage and conversion

CONSULTING & PLANNING



We analyze your needs, create feasibility studies, and develop plans that combine efficiency, sustainability, and cost-effectiveness – while considering regulatory requirements and emerging technologies.

PROCUREMENT & INSTALLATION



From planning and logistics to assembly, we ensure an efficient process with timely execution and quick commissioning. For the highest quality, we collaborate with renowned global manufacturers.

ENERGY MANAGEMENT



Our energy management solutions enhance efficiency, reduce costs, and optimize consumption in real time. We also support the integration of renewable energies and help achieve sustainability goals.

MAINTENANCE & SERVICE



To ensure long-term operational reliability and consistent performance, we take care of the maintenance and servicing of your systems. Our service includes inspections, preventive measures, and quick repairs to minimize downtime.



Connection between renewable energy, Bitcoin data centers, and heat recovery at a glance

