E2s energy storage Tunisia

For a full scale utility storage project employing TWEST, an overall schedule of about 20-22 months is expected. This can be reduced further as E2S Power optimises its supply chain and key materials stock.

The E2S Power thermal energy storage technology has been validated in the E2S demonstration facility in Sur?in, near Belgrade, and it enables the conversion of coal power plants into green energy storage facilities and producers of CO2-free electricity.

Simpler thermal storage solution with better energy density, based on Miscibility Gap Alloys (MGA), aimed at integrating thermal energy storage into existing fossil fuel power stations

Our design can be designed to be charged to full storage capacity in as little as one hour with near 100% conversion of electricity to heat and has the flexibility to discharge from a few hours to 8+ hours as a long duration energy storage solution.

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Our design is a compact "all in one" unit and, unlike other energy storage solutions, does not require additional equipment, separate storage or auxiliary systems. One key aspect of our design approach is simple plant integration and simplified project execution.

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