

# Türkiye tess energy storage





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### Türkiye's Largest Grid-Scale Energy Storage Project to Be

Progresiva, a subsidiary of Kontrolmatik Technologies, is set to embark on Türkiye's largest grid-scale energy storage project in Tekirdag. This groundbreaking facility will be the first of its kind in Türkiye, boasting a GWh capacity.



### TESS STORES ELECTRICAL ENERGY BY CONVERTING IT TO ...

TESS, an energy storage type that stores electrical energy by converting it to electrochemical energy, received full marks from industry professionals. Teksan is a leading ...



### Turkey's energy storage market is 'now fully open'

In April 2021, Energy-Storage.news reported on the commissioning of Turkey's first grid-connected battery storage project, a 500kW/500kWh system which was designed to help smooth out local peaks in ...

### Turkish company TEKSAN

The Turkish company Teksan made a rapid entry into the battery and Energy storage systems sector with its new product TESS. It will store the energy of Turkey and the world! TESS; The battery consists of 4 main parts: Battery



Management System, Energy Management System and Energy Control System.



### **TESS STORES ELECTRICAL ENERGY BY CONVERTING IT TO ELECTROCHEMICAL ENERGY**

TESS, an energy storage type that stores electrical energy by converting it to electrochemical energy, received full marks from industry professionals. Teksan is a leading company in the uninterruptible power solutions industry in Turkey and currently exports to 140 countries, with more than 25 years of experience in the sector.

### **Türkiye to invest \$10B in energy storage to boost wind and solar energy**

Türkiye is making significant strides toward its 2053 net-zero carbon emissions goal by ramping up investments in energy storage systems according to Türkiye daily. The Energy Market Regulatory Authority approved a 35-gigawatt-hour (GWh) capacity allocation for grid-scale storage projects, with an estimated investment of \$10 billion.



### **Turkey begins energy storage licensing with over ...**

Investors are eligible to put renewable energy projects combined with approved storage



capacity on a one-to-one ratio, 1MW/1MWh wind or solar per 1MW/1MWh of energy storage. Aksa Energy had applied for ...



### Turkey's energy storage legislation creating new ...

The approach taken by Turkey's government and regulatory authorities to adapt energy market rules will create "exciting" opportunities for energy storage and renewables. According to Can Tokcan, a managing ...



### Turkey's energy storage market is 'now fully open'

In April 2021, Energy-Storage.news reported on the commissioning of Turkey's first grid-connected battery storage project, a 500kW/500kWh system which was designed to help smooth out local peaks in supply and demand for a town in the north of the country. But it's in regulation that the biggest steps have been taken.

### Energy Storage Systems (TESS)

The Easy Way to Store Energy: TESS Battery Energy Storage System (TESS) is a form of energy storage that stores electrical energy by converting it into electrochemical energy. With TESS products manufactured using state-of-the-art Teksan technology, you will have the energy you need flowing continuously.



- Voltage range: 636V-876V
- Rated voltage: 768V
- Cell type: Lithium iron phosphate



## Will the growth of stationary storage (BESS) systems re-shape the ...

Turkish BESS market is driven by 4 main demand trends: (i) growing renewable energy sources (RES) capacity, (ii) increasing demand from industry, (iii) electricity demand increase by EV penetration, and (iv) pilot projects in the electricity distribution front. Furthermore, we observe 3 supply trends: (i) regulations and national energy targets

## Turkey begins energy storage licensing with over 200GW of ...

Investors are eligible to put renewable energy projects combined with approved storage capacity on a one-to-one ratio, 1MW/1MWh wind or solar per 1MW/1MWh of energy storage. Aksa Energy had applied for pre-licensing and would begin developing wind and solar projects with storage as soon as granted.



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### Turkey's energy storage legislation creating new opportunities

The approach taken by Turkey's government and regulatory authorities to adapt energy market rules will create "exciting" opportunities for energy storage and renewables. According to Can Tokcan, a managing partner at Inovat, a Turkey-headquartered energy storage EPC and solutions manufacturer, new legislation is expected to be adopted



- High energy density and long cycle life
- Modular structure

- No need to replace the battery
- Shorter charging time
- Meets 80% EV use



### Türkiye to invest \$10B in energy storage to boost wind and solar ...

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