

Energy storage for resilience turkey

By 2023, Turkey's total installed electricity capacity has reached 109,348 MW. Of this capacity, 56.28% comprises renewable energy sources, and the remaining 43.72% comprises thermal powerplants. In 2023, total electricity generation amounted to 324,793,851 MWh. Of this generation, 42.24% was from renewable energy sources, and the remaining 57.76% was from thermal powerplants³.

It should be noted that the storage activity is not regulated as a separate electricity market activity. As a natural consequence, it is not subject to a license but is defined as an activity to be carried out under other licensed market activities.

Accordingly, Turkey's potential in the field of energy storage and the positive(?) effect of the relevant regulations can be seen easily. Undoubtedly, when the investments in question are realized, our country will be able to surpass the world giants in terms of storage capacity. However, the number of applications accepted within the total number of applications remained quite low. The sector is eagerly awaiting the positive outcome of the duly filed applications.

In a written statement made by the President of EMRA at the end of 2023, it was emphasized that "it is never possible for them to compromise on the principles of being lawful, fair and transparent in the pre-license evaluation processes and that they stand at an equal distance to all"¹². Transparency, legal certainty, and fair and equal treatment obligations in the electricity market are among the issues we frequently underline in judicial processes and in our academic studies. Their importance is underlined one more time by the President.

3 The Republic of Turkey Energy Market Regulatory Authority (EMRA), 2023 Electricity Market Development Report, Department of Strategy Development, Ankara, 2024, p.22

8 GENSED. 'Pre-license Applications for Electricity Generation Facilities with Storage Stopped'; Solar Energy Industrialists and Industry Association (Last Accessed: 21 August 2024) <https://www.b1-elektrik.com.tr/temiz-enerji-ve-ges-yatirim-surecleri-siki-takip-ediliyor>

10 Republic of Turkey Ministry of Energy and Natural Resources, "Energy News," accessed October 9, 2024, <https://enerji.gov.tr/haber-detay?id=21234>.

12 EPDK Başkanı Yılmaz: Depolamalı RES ve GES Yatırım süreçleri siki takip ediliyor," Temiz Enerji, December 29, 2023, accessed October 9, 2024, <https://temizenerji.com.tr/2023/12/29/epdk-baskani-yilmaz-depolamali-res-ve-ges-yatirim-surecleri-siki-takip-ediliyor>.

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