



**SolarTech Power Solutions**

# **South Ossetia New Energy Storage Peak Shaving**



## Overview

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Is peak shaving energy storage a necessity?

In an era of rising electricity costs, unpredictable peak demand charges, and growing pressure for energy independence, peak shaving energy storage is no longer a luxury—it's a necessity.

Does peak shaving power reduce ESED and OCGR?

A correction model of peak shaving power of ES with the objective of minimizing ESED and OCGR was established.

What is the power and capacity of Es peaking demand?

Taking the 49.5% RE penetration system as an example, the power and capacity of the ES peaking demand at a 90% confidence level are 1358 MW and 4122 MWh, respectively, while the power and capacity of the ES frequency regulation demand are 478 MW and 47 MWh, respectively.

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### Contact Us

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