

SolarTech Power Solutions

Estonian power signal tower base station 372KWh

CE UN38.3 MSDS



Overview

Where will Estonia's new power reserve be built?

Kiisa, the location for the power reserve being built, is some kilometres away from Estonia's main consumption node and capital city, Tallinn. The new plant will have the capacity equaling one-sixth of Estonia's peak power consumption, providing a comfortable cushion for years to come.

What if Estonia's biggest generating unit went offline?

The new plant will have the capacity equaling one-sixth of Estonia's peak power consumption, providing a comfortable cushion for years to come. Even if Estonia's biggest generating unit unexpectedly went offline, the Kiisa plant would immediately fill in the void and restore the system to a normal state while repairs are carried out.

Who is responsible for balancing the electricity grid in Estonia?

This is the task of Wärtsilä's customer Elering, the Estonian transmission system operator (TSO), who is responsible of operating the Estonian electrical grid in a safe way. A constant, real-time balance between supply and demand is an absolute must to keep the grid running and without unbalancing the frequency.

Should Estonia have a 100 mw emergency reserve?

An emergency reserve of 100 MW also needs to be kept available and provided to the main consumers of the Estonian capital area upon request. Right next to the most important electrical substation in the whole country, there is no room for hesitation.

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