



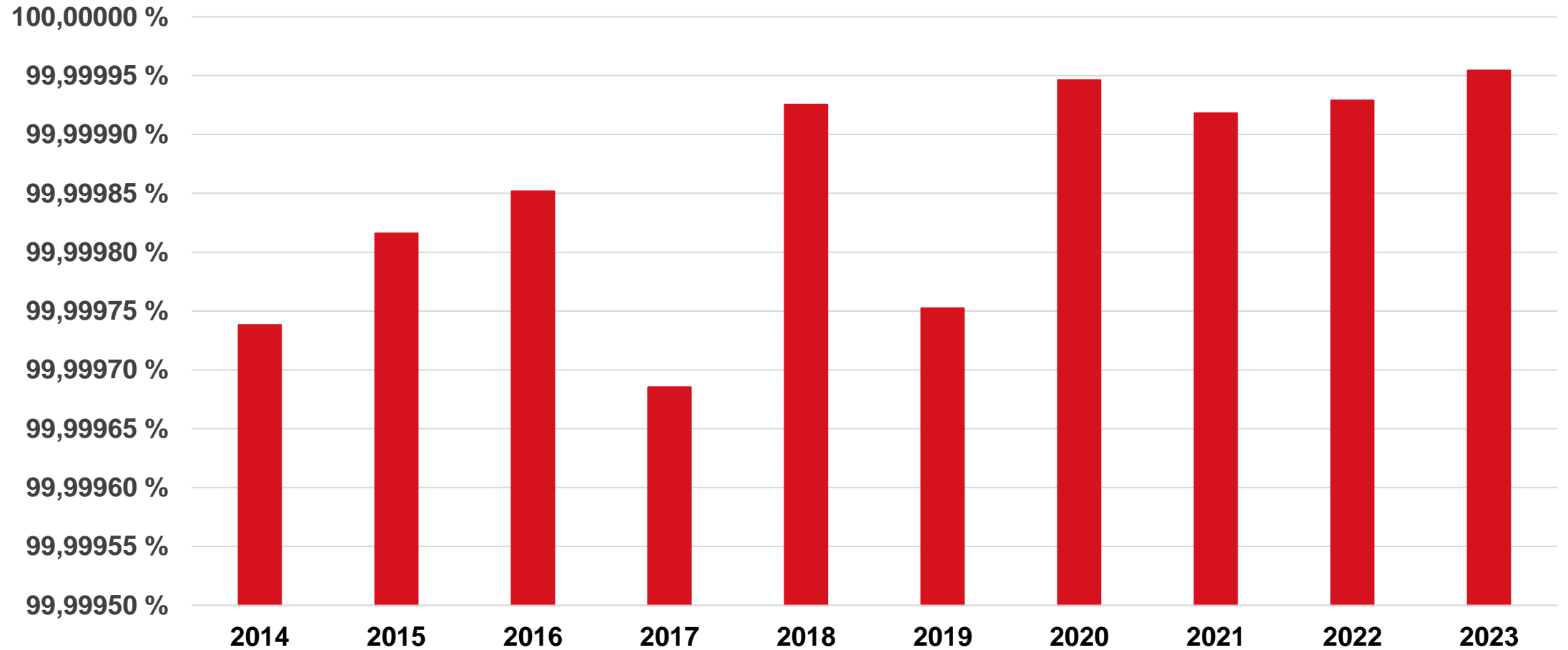
24.1.2024

Markku Piironen

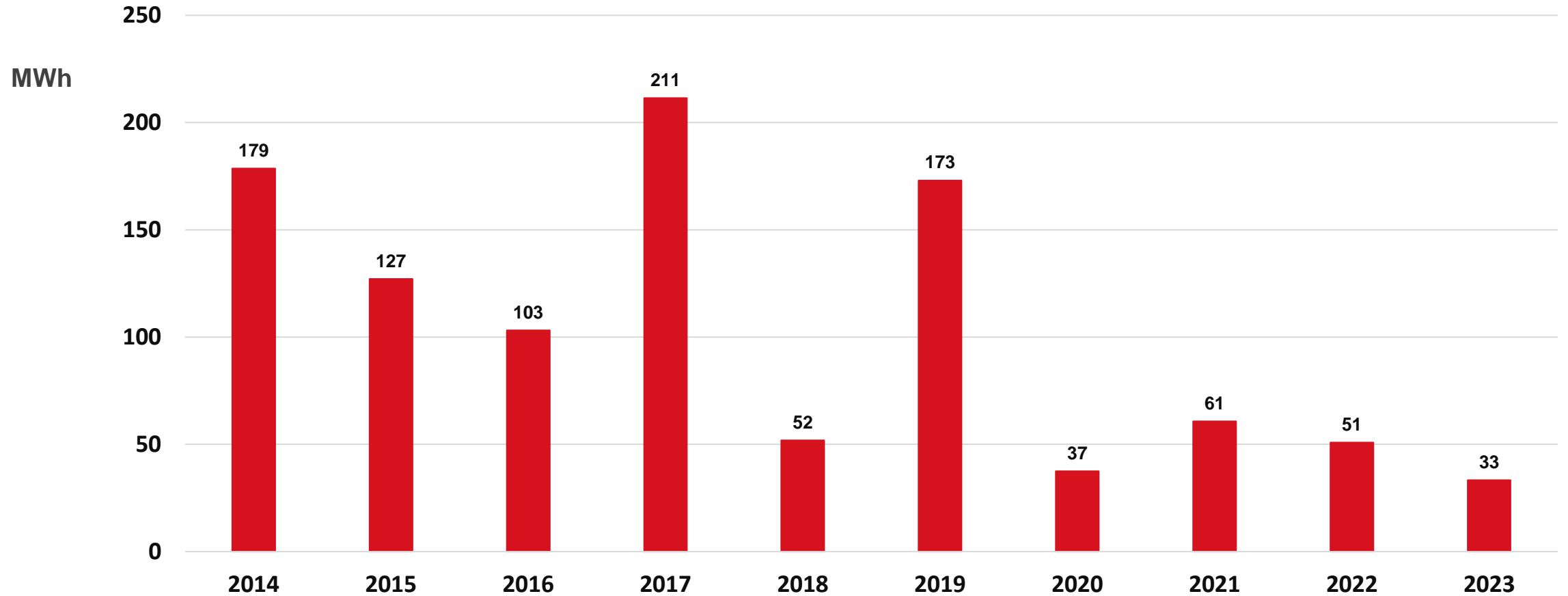
Transmission reliability 2023

FINGRID

Transmission reliability of Fingrid's grid

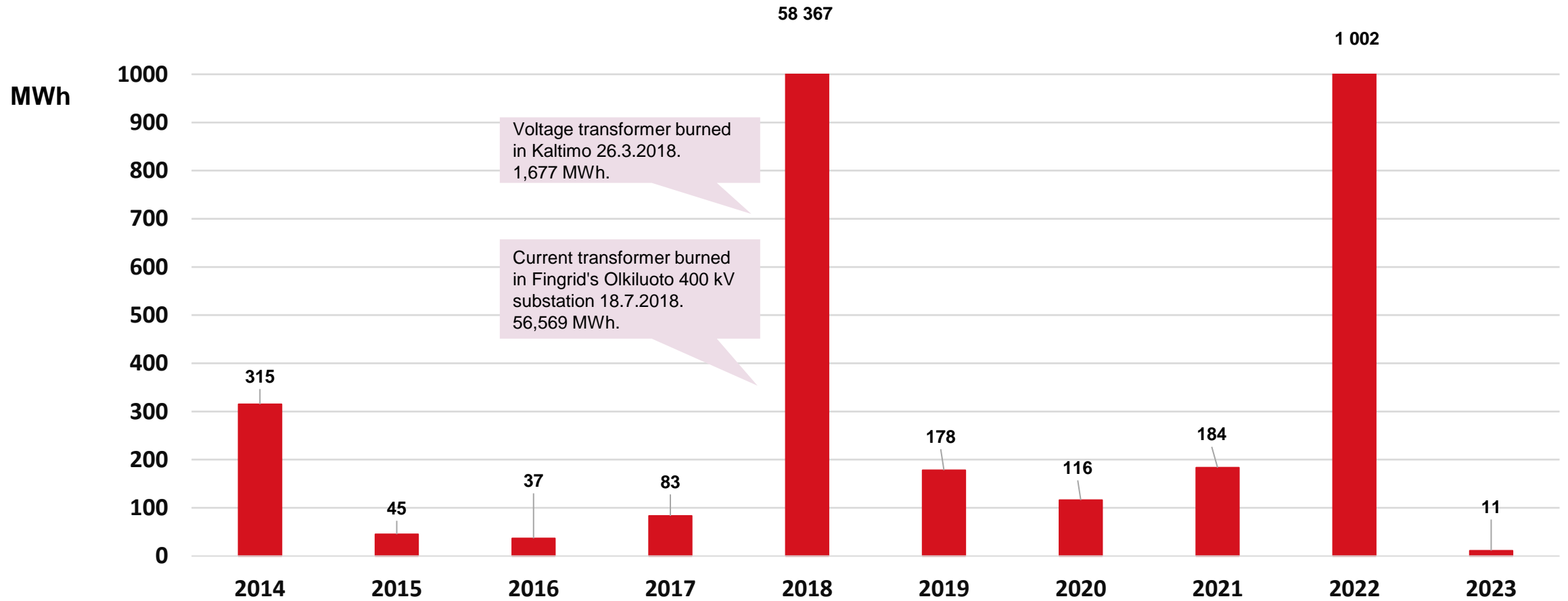


Energy Not Supplied (MWh)



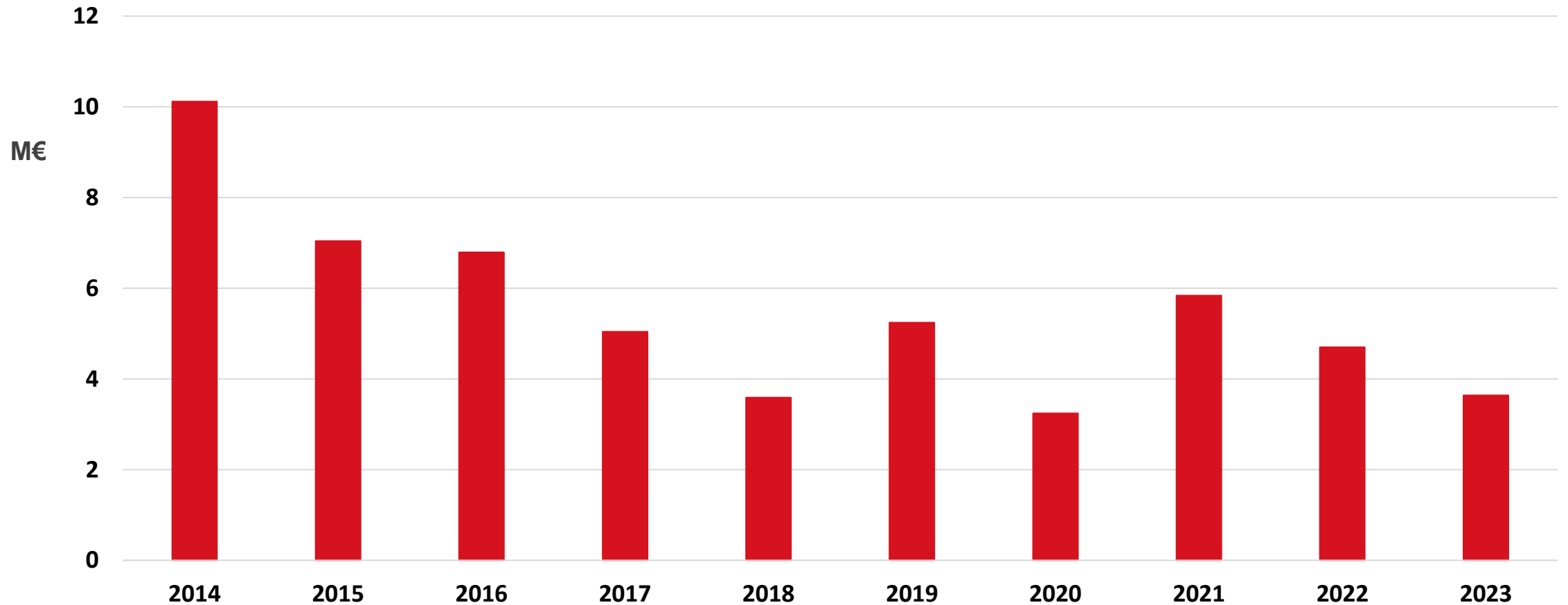
Energy not supplied due to Fingrid's disturbances to Fingrid's customers, for instance DSOs and large-scale industry.

Energy not received (MWh)



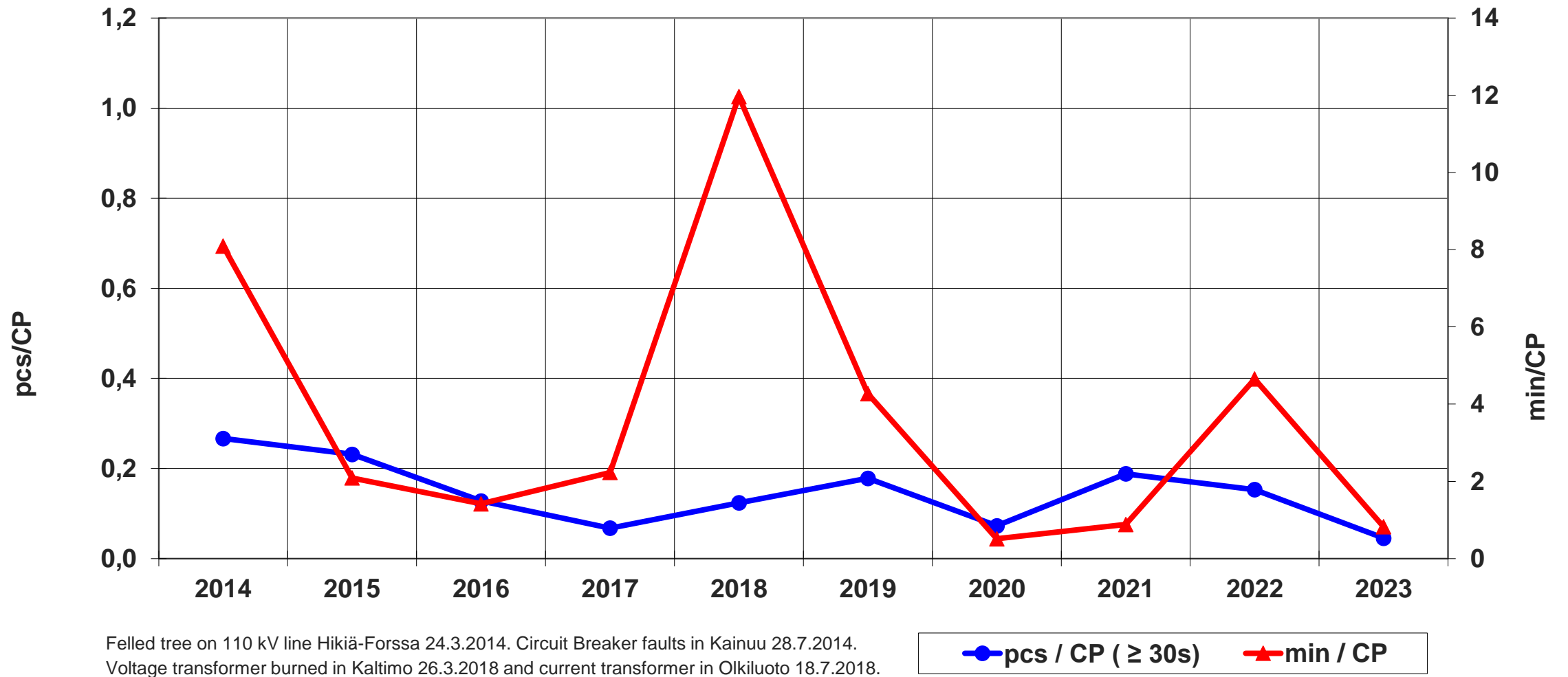
Energy not received from power stations to Fingrid's grid due to Fingrid's disturbances.

Calculated economic damage (KAH) from ENS



The formula and factors from the regulator with money value for year 2010.

Connection point interruptions



Felled tree on 110 kV line Hikiä-Forssa 24.3.2014. Circuit Breaker faults in Kainuu 28.7.2014.
Voltage transformer burned in Kaltimo 26.3.2018 and current transformer in Olkiluoto 18.7.2018.

—●— pcs / CP (≥ 30s) —▲— min / CP

Number and reasons of disturbances

