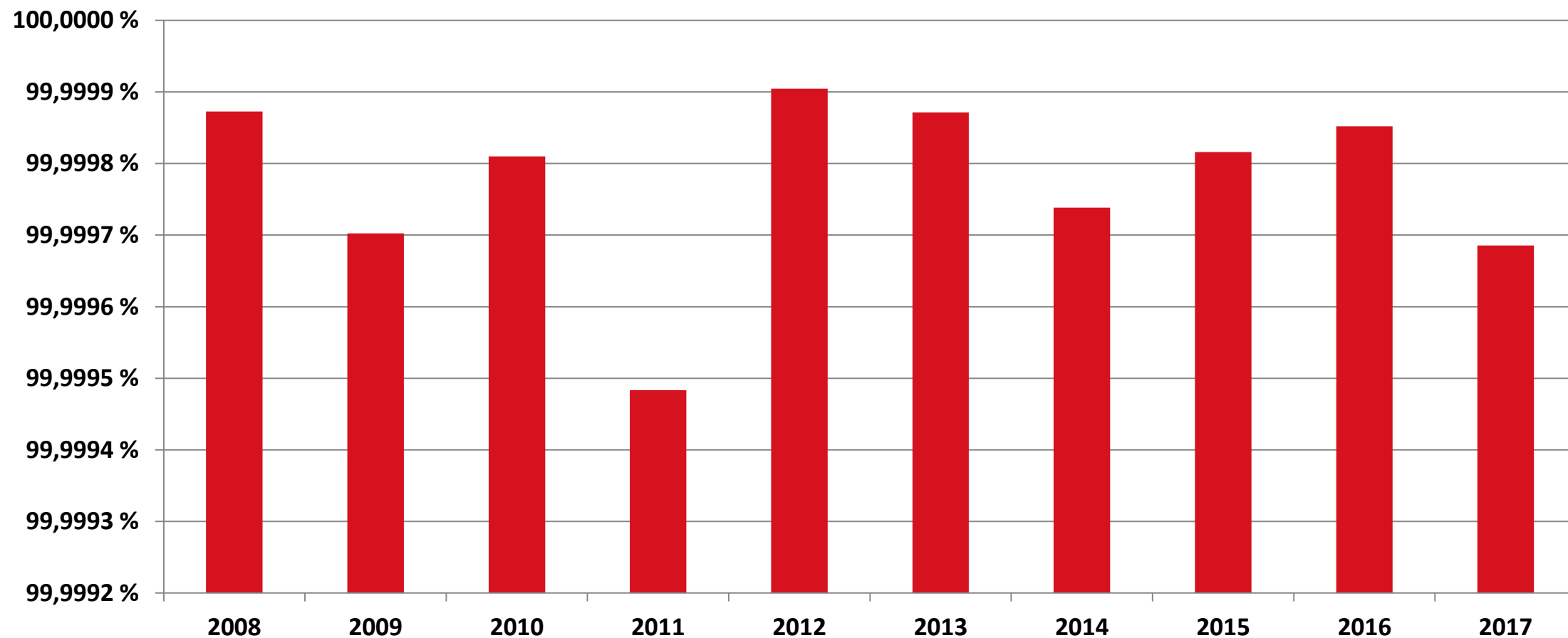




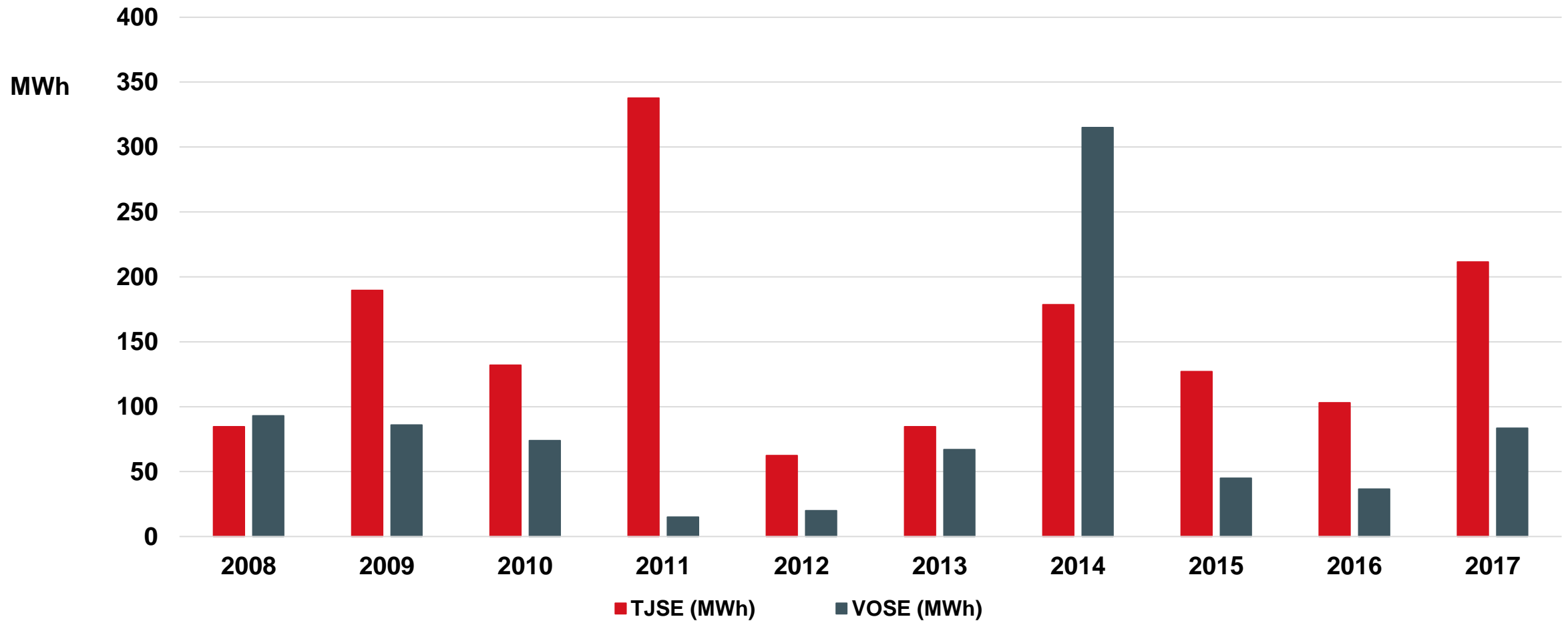
Transmission reliability 2017

FINGRID

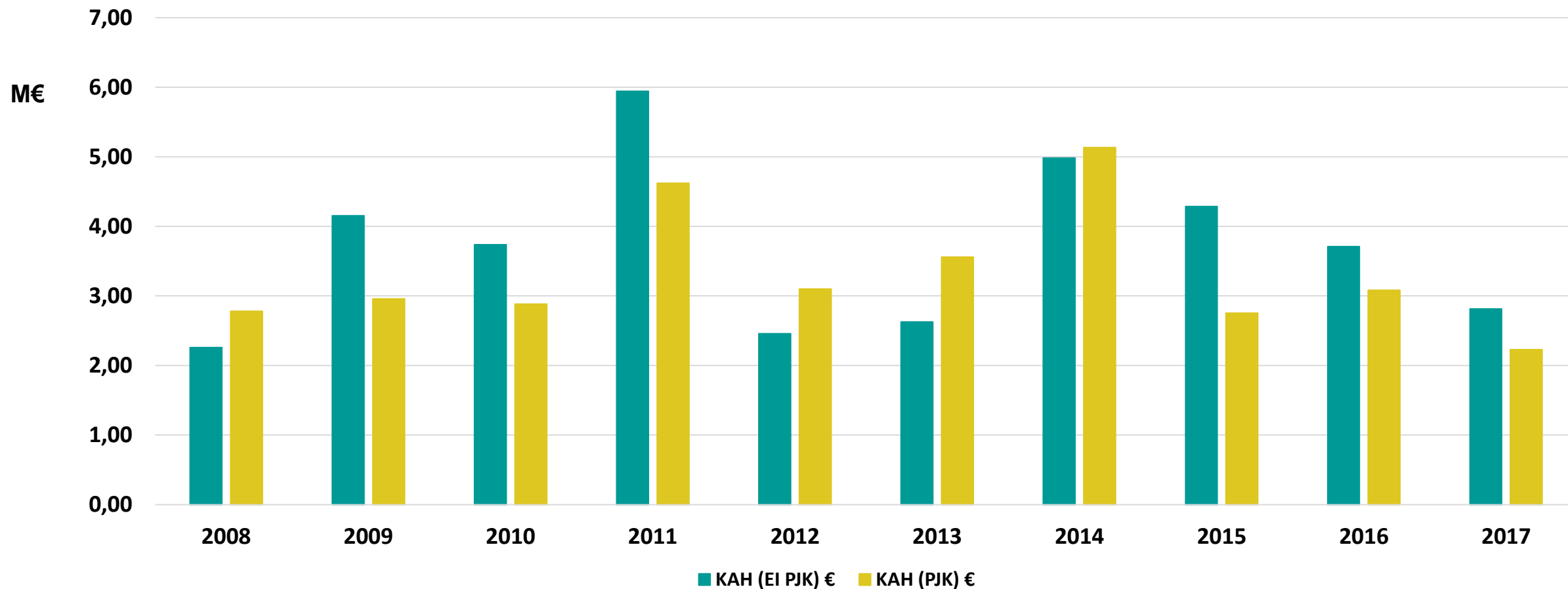
Transmission reliability of Fingrid's grid



Energy Not Supplied or Received (MWh)

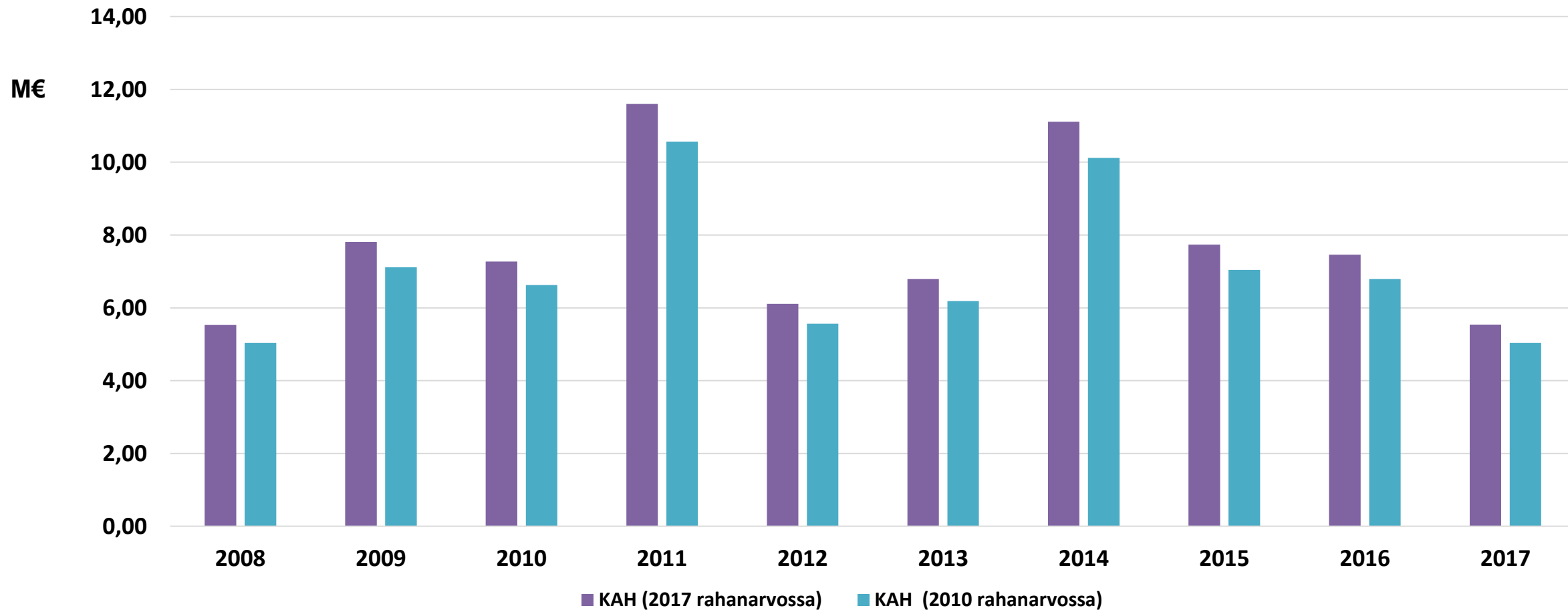


Calculated economic damage KAH from ENS



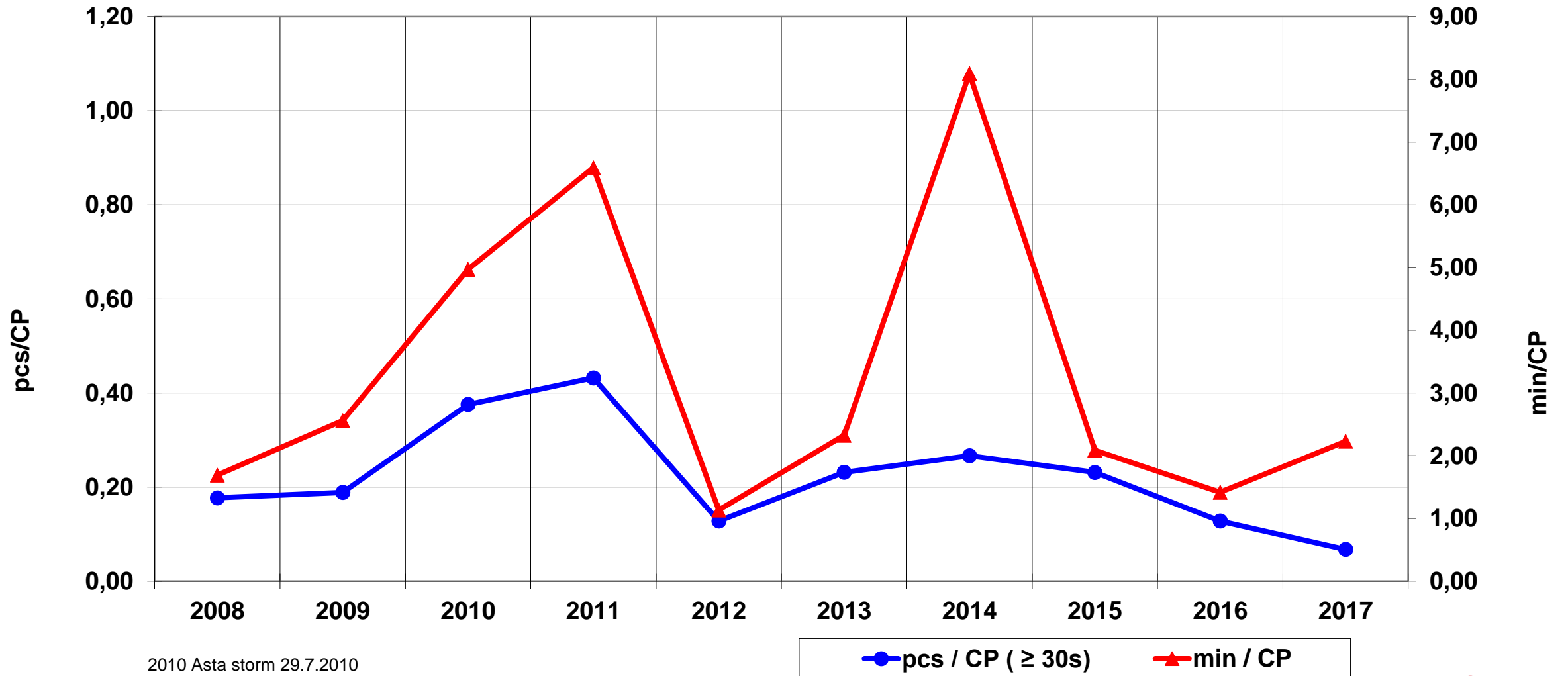
4 Calculated economic damage (KAH, M€) from ENS due to disturbances. KAH (EI PJK) = damage from permanent faults and auto-reclosings, KAH (PJK) = damage from high-speed automatic reclosing (<1 s). The formula and factors from the regulator with money value for year 2010.

Calculated economic damage KAH from ENS



Total calculated economic damage (KAH, M€) from ENS due to disturbances.
KAH (2017 rahanarvossa) = annual damage calculated for year 2017 money value,
KAH (2010 rahanarvossa) = annual damage calculated for year 2010 money value.

Connection point interruptions



2010 Asta storm 29.7.2010

2011 Tapani and Hannu storms 26.-27.12.2011

2014 Felled tree on 110 kV line Hikiä-Forssa 24.3.2014, Circuit Breaker faults in Kainuu 28.7.2014

Number and reasons of disturbances

