



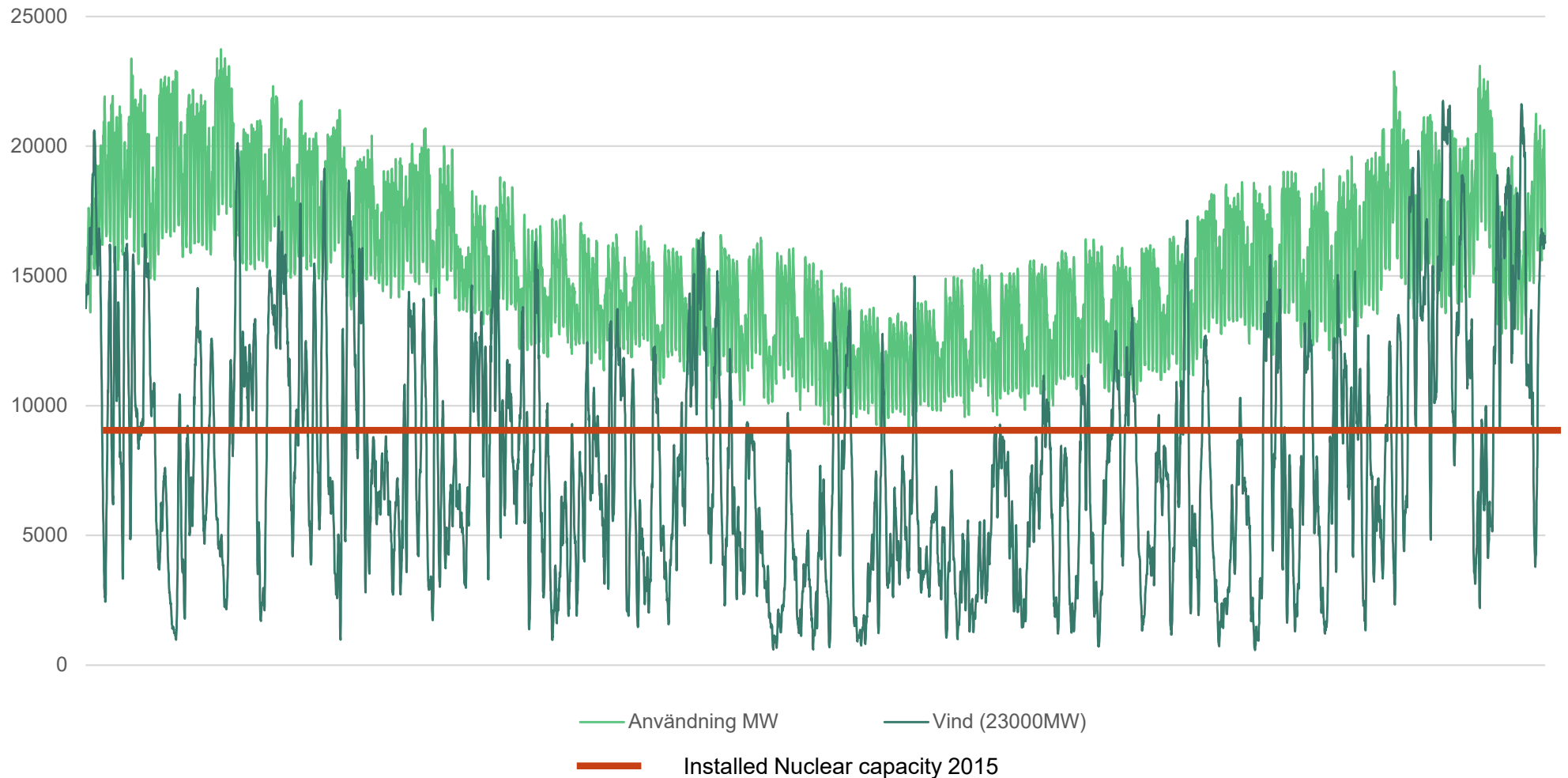
Energiayhtiön näkökulma- metsä ja vesi osana Nexusta

Esa Hyvärinen

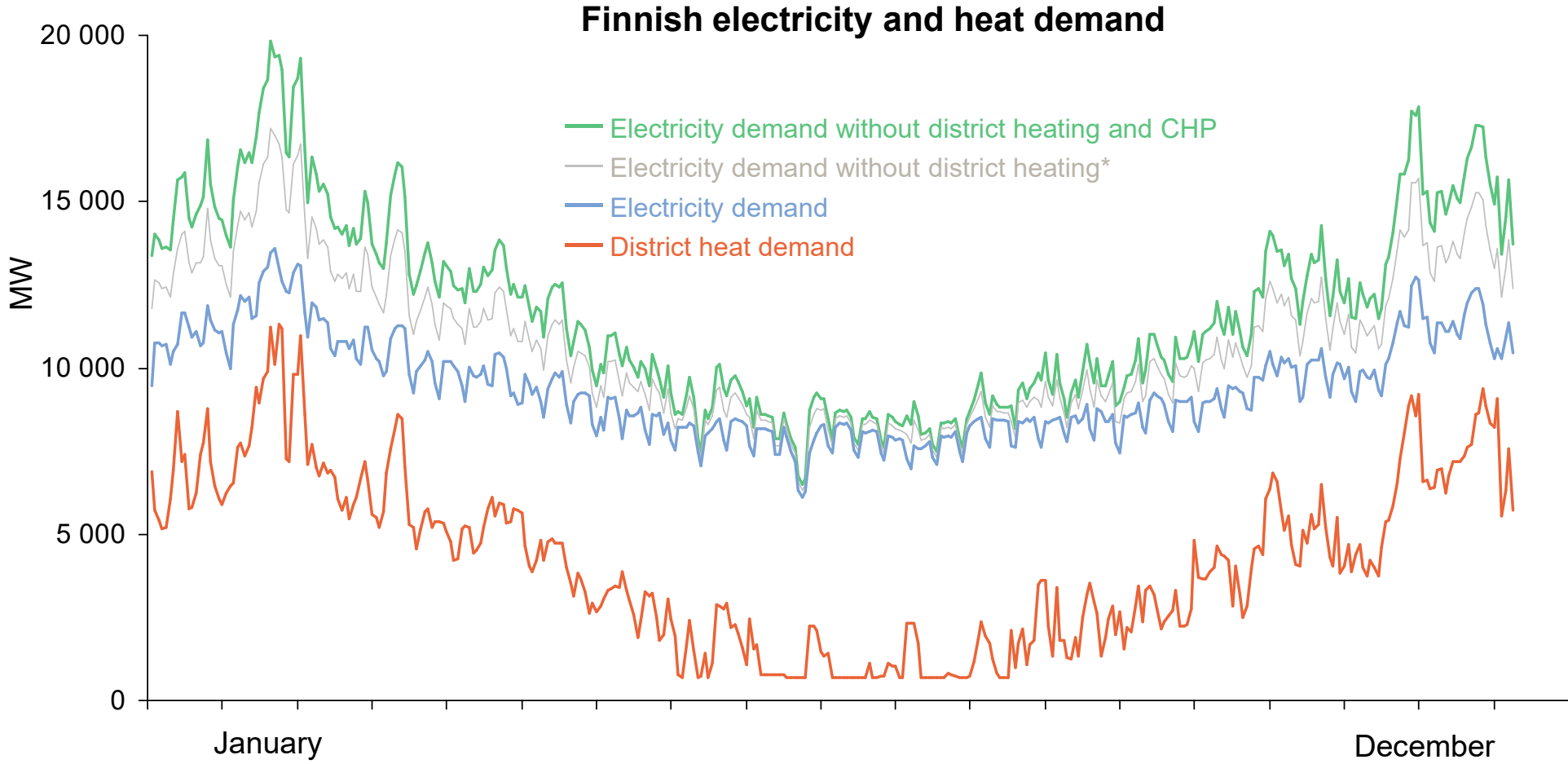
28.03.2018

Hourly based electricity consumption in Sweden 2016

-> 23 GW Wind (simulated) 75 TWh/year



Centralised heating enables more intermittent wind and solar production



*Heat demand produced with heat pump increase electricity demand with 1/3 of the heat demand



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