Nordic Summary of the Winter 2017-2018

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PEAK LOAD 2017-2018
In the total Nordic area and in each country

Temperatures on
28.02.2018
Hour 08-09 (CET)

Data source: Nord Pool Spot or TSO
MEASURED FLOW AT NORDIC PEAK LOAD ON 28.02.2018
Hour 08-09 (CET) [MWh/h]

Data source: Nord Pool Spot
Nordic summary

- January was characterized by a relatively warm period. However temperatures dropped in February and March.
- In the peak load hours the Nordic area was an importing area. However the Nordic system managed well during the peak hour. The power balance was supported by a relatively high wind in feed.
- Output of wind power during Nordic peak hour was 7072 MW (3639 MW in Denmark, 629 MW in Norway, 2470 MW in Sweden, 334 MW in Finland)
- In order to secure a sufficient margin for the power balance, the standby time was changed for the production part of the Swedish peak load reserve. On some occasions a part of the peak load reserve was set on minimum generation to be able to ramp up immediately if necessary, but no further activation was needed. The peak load reserve was not activated during the winter in Finland.
National peak load compared to projected peak load 1/10 winters

MW

Estimated national peak load Finland
Estimated national peak load Sweden
Estimated national peak load Denmark
Estimated national peak load Norway

National peak load Finland
National peak load Sweden
National peak load Denmark
National peak load Norway
Comparison of Nordic winter summary and outlook (1/10 winters)

- Nordic peak load Consumption
- Production during Nordic peak load
- Estimated peak load
- Estimated production available