

Nordic Summary of the Winter 2017-2018

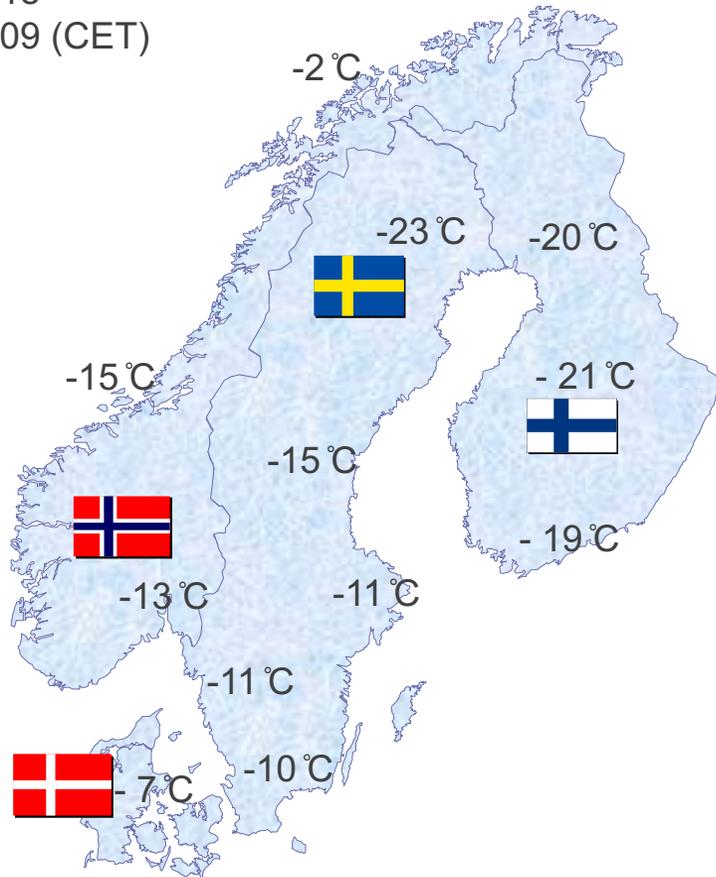
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RGN Meeting May 2018

PEAK LOAD 2017-2018

In the total Nordic area and in each country

Temperatures on
28.02.2018
Hour 08-09 (CET)



NORDIC AREA	Forecast (10 year winter)	Nordic peak load 28.02.2018 hour 08-09 (CET)
CONSUMPTION (C)	72 400 *	70 400
PRODUCTION (P)	70 500	69 900

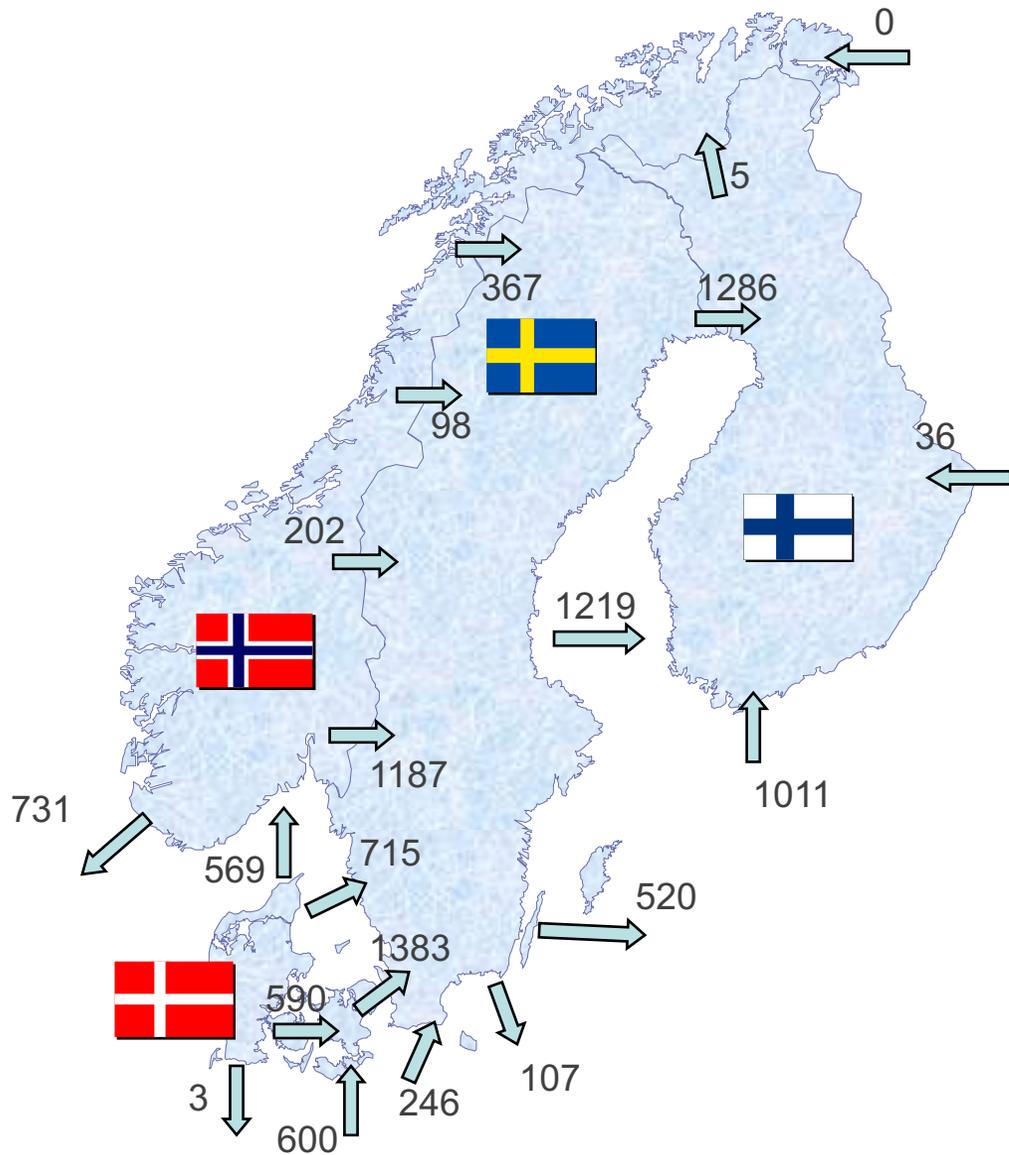
* 2% lower than sum of national peaks

	Forecast (10 year winter)	Nordic peak load 28.02.2018 hour 08-09 (CET)	National peak load during the winter 2017/2018 (CET)	
Finland				
C	15 200	14 062	14 062	28.02.2018 hour 08-09
P	12 000	10 602	10 602	
Sweden				
C	27 600	26 700	26 700	28.02.2018 hour 08-09
P	26 800	25 600	25 600	
Norway				
C	25 000	23 882	24 108	01.03.2018 hour 08-09
P	26 800	25 892	24 876	
Denmark				
C	6 100	5 781	5 952	28.02.2018 hour 18-19
P	4 900	7 821	7 163	

Data source: Nord Pool Spot or TSO

MEASURED FLOW AT NORDIC PEAK LOAD ON 28.02.2018

Hour 08-09 (CET) [MWh/h]



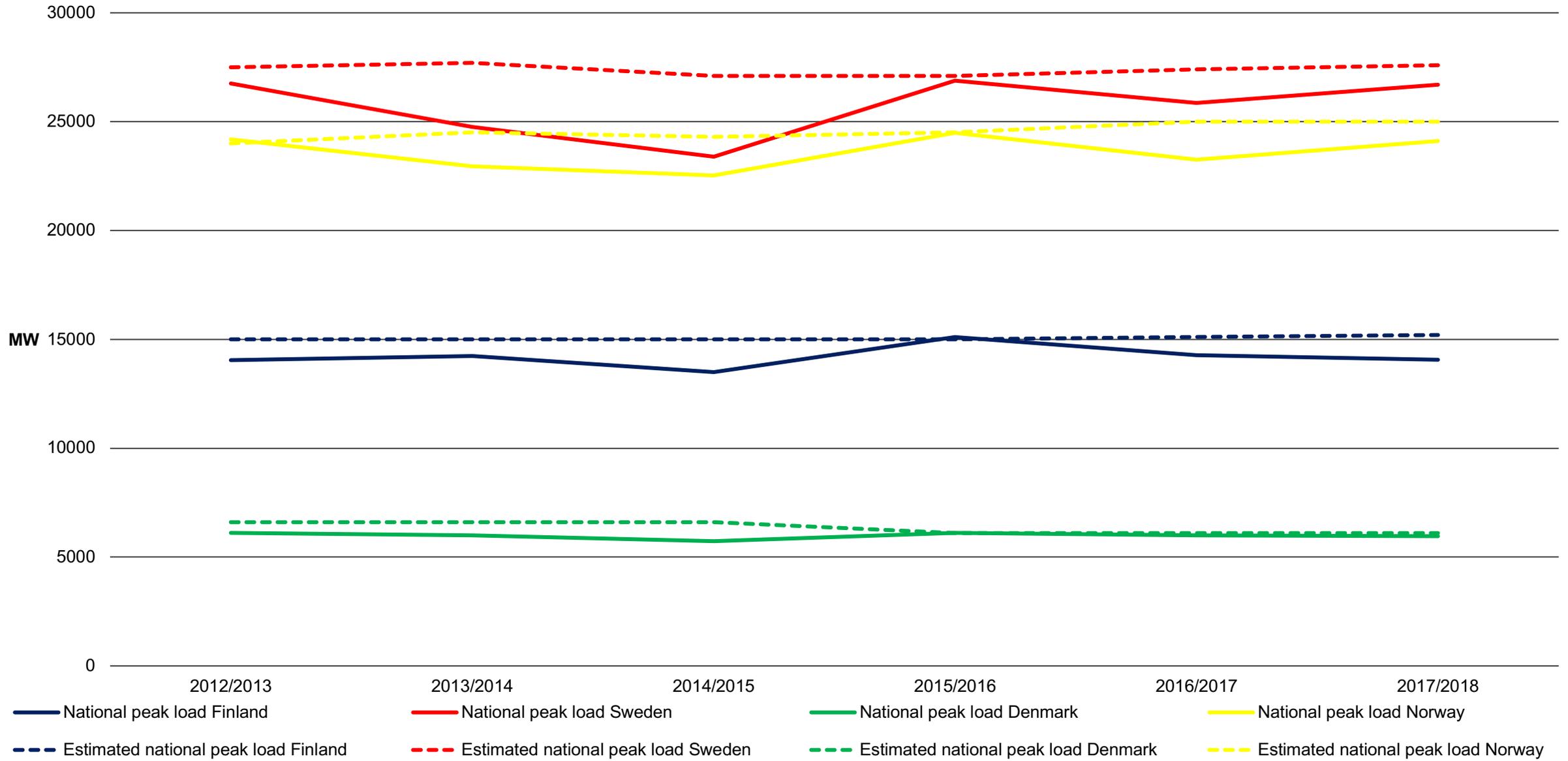
Area	Spot Price During Peak Hour (EUR)
DK1	47,35
DK2	70,67
FI	205,09
NO1	47,35
NO2	47,35
NO3	70,67
NO4	70,67
NO5	47,35
SE1	70,67
SE2	70,67
SE3	70,67
SE4	70,67

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



Comparison of Nordic winter summary and outlook (1/10 winters)

