

Nordic Summary of the Winter 2016-2017

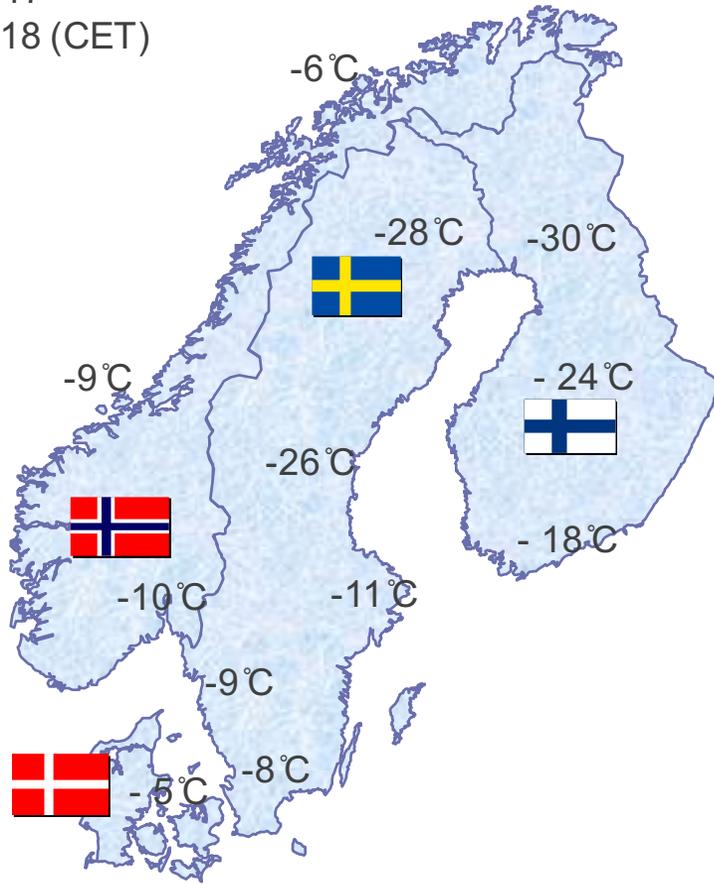
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RGN Meeting May 2017

PEAK LOAD 2016-2017

In the total Nordic area and in each country

Temperatures on
05.01.2017
Hour 17-18 (CET)



NORDIC AREA	Forecast (10 year winter)	Nordic peak load 05.01.2017 hour 17-18 (CET)
CONSUMPTION (C)	72 100 *	68 800
PRODUCTION (P)	70 500	66 100

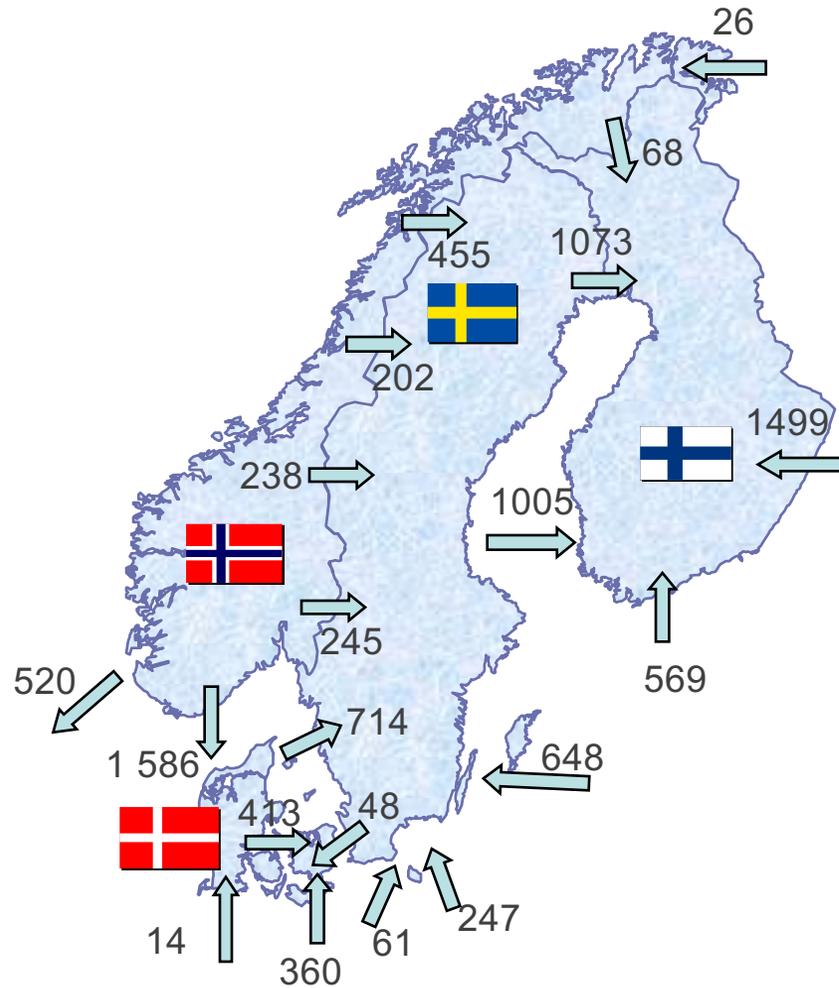
* 2% lower than sum of national peaks

	Forecast (10 year winter)	Nordic peak load 05.01.2017 hour 17-18 (CET)	National peak load during the winter 2016/2017 (CET)	
Finland				
C	15 100	14 222	14 273	05.01.2017 hour 16-17
P	11 600	10 053	9 963	
Sweden				
C	27 400	25 855	25 855	05.01.2017 hour 17-18
P	27 200	25 171	25 171	
Norway				
C	25 000	23 012	23 246	09.02.2017 hour 08-09
P	26 800	26 214	26 084	
Denmark				
C	6 100	5 759	5 994	07.12.2016 hour 17-18
P	4 900	4 641	5 608	

Data source: Nord Pool Spot or TSO

MEASURED FLOW AT NORDIC PEAK LOAD ON 05.01.2017

Hour 17-18 (CET) [MWh/h]



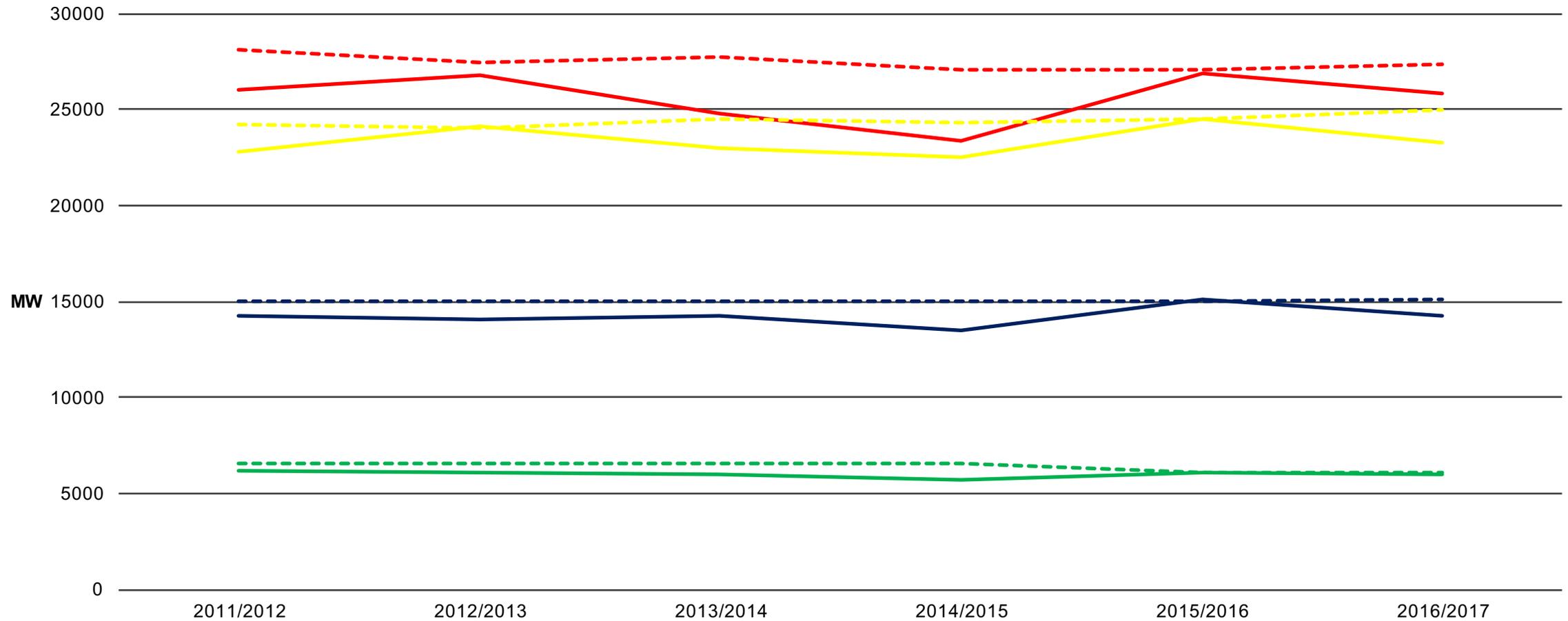
Area	Spot Price During Peak Hour (EUR)
DK1	73,92
DK2	73,92
FI	73,92
NO1	73,92
NO2	33,98
NO3	32,87
NO4	32,87
NO5	32,87
SE1	73,92
SE2	73,92
SE3	73,92
SE4	73,92

Data source: Nord Pool Spot

Nordic summary

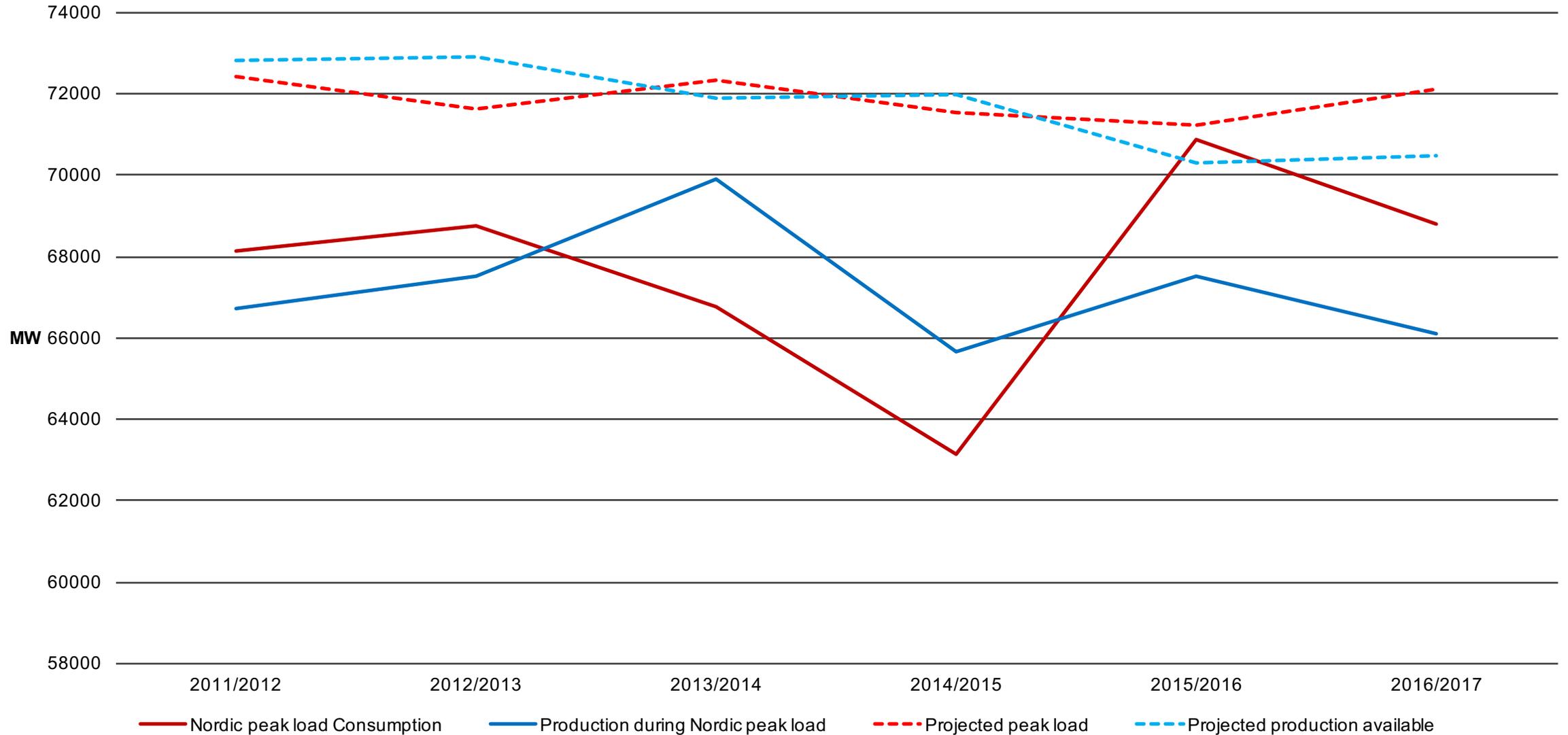
- January was characterized by a short cold period in the first week. The rest of the winter has been quite warm. The system experienced no major problems for security of supply during the peak hours.
- In the peak load hours the Nordic area is an importing area.
- Output of wind power during Nordic peak hour was 2433 MW (577 MW in Denmark, 433 MW in Norway, 1141 MW in Sweden, 282 MW in Finland)
- The standby time for the production part of the Swedish peak load reserve was changed once, the 5th of January when the Nordic and the Swedish peak load hour occurred. The peak load reserve was not activated during the winter in neither Finland nor Sweden.

National peak load compared to projected peak load 1 out of 10 winters

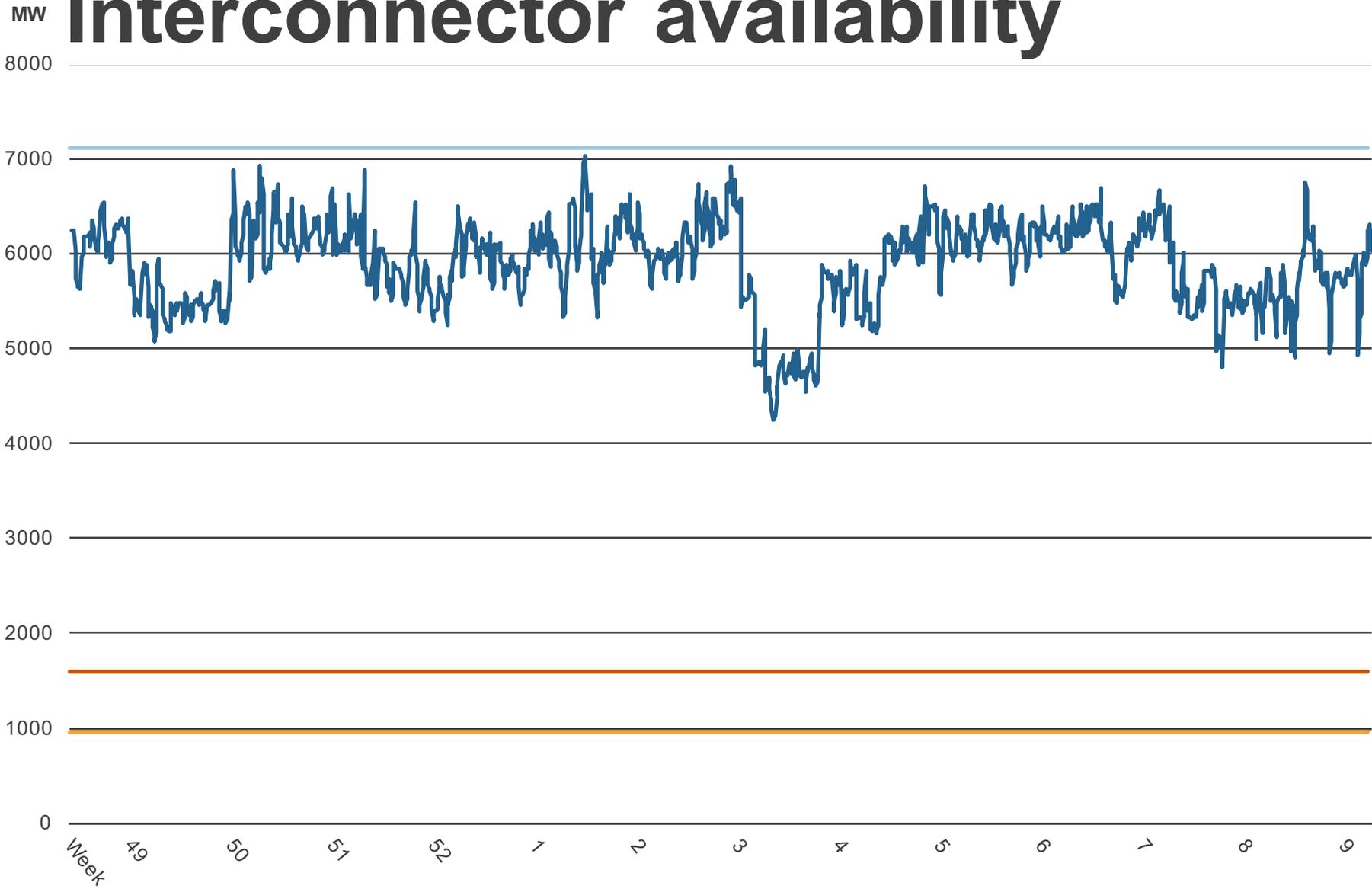


— National peak load Finland
 — National peak load Sweden
 — National peak load Denmark
 — National peak load Norway
- - - Projected national peak load Finland
 - - - Projected national peak load Sweden
 - - - Projected national peak load Denmark
 - - - Projected national peak load Norway

Comparison of Nordic winter summary and outlook 1 out of 10 winters



Interconnector availability



- Available NTC 2016/17
- Nordic peak load deficit 2016/17 (From winter outlook)
- Installed NTC 2016/17
- Nordic peak load deficit 2015/16 (From winter outlook)

