

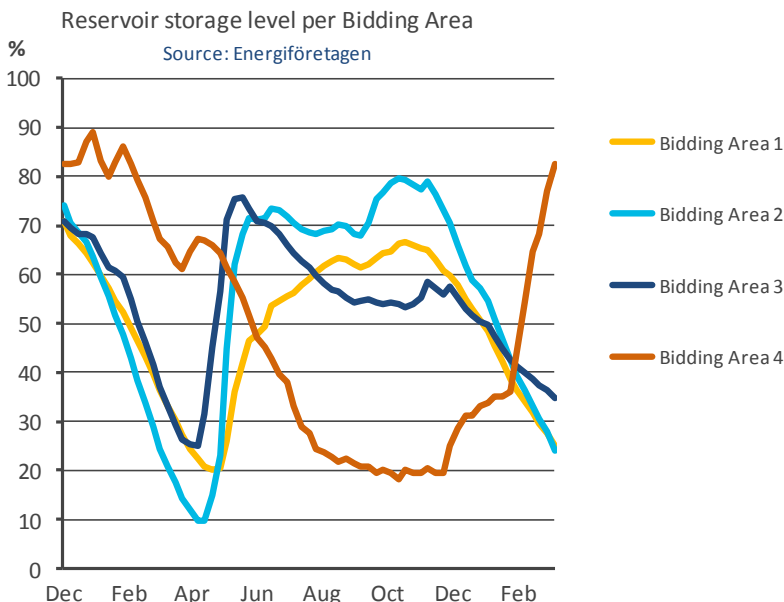
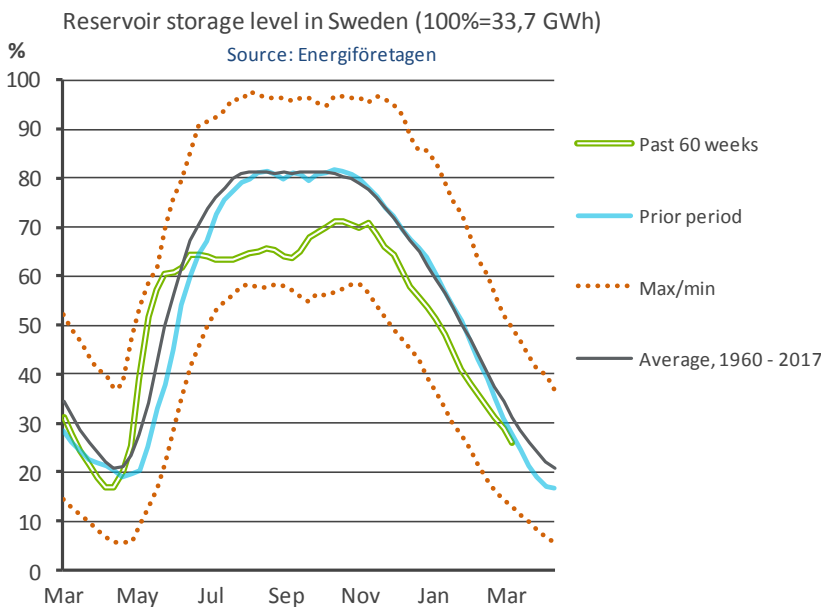
The estimated energy inflow during week **2019-11** was **509 GWh**, which is **154%** of median for the period 1960-2017.

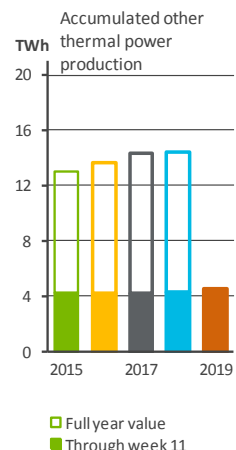
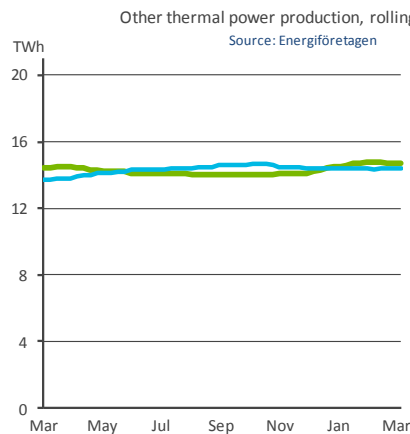
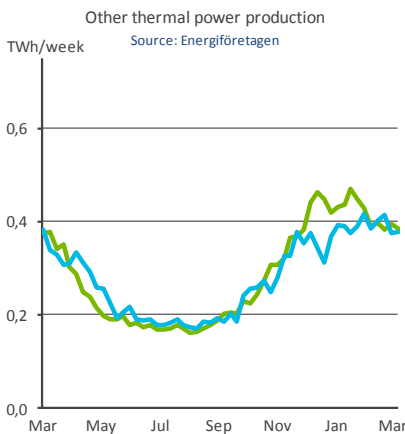
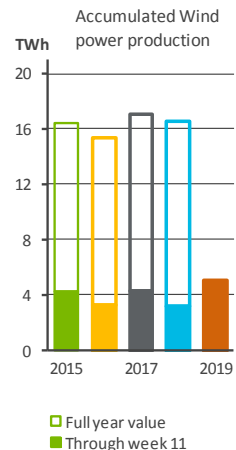
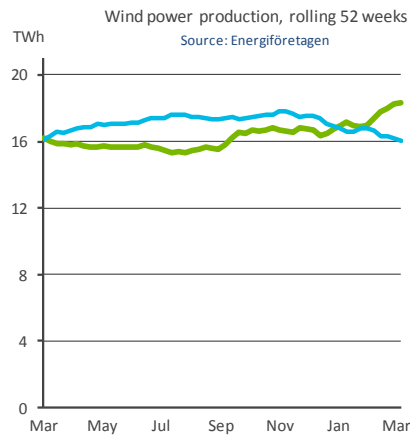
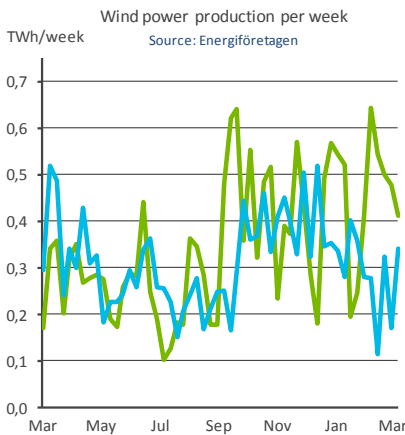
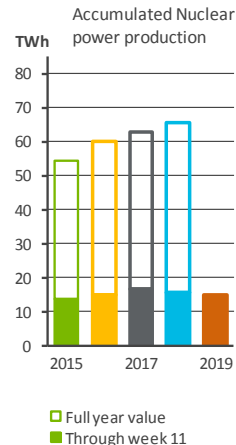
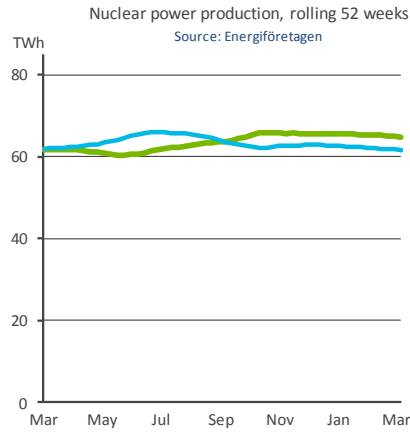
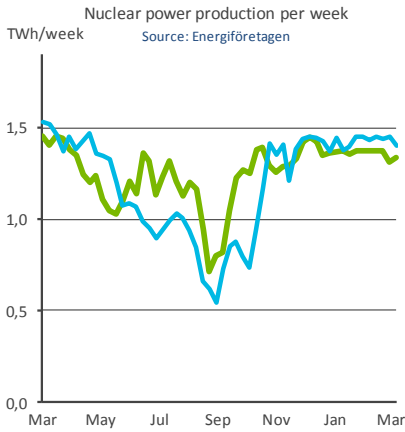
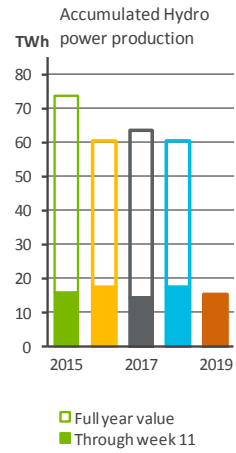
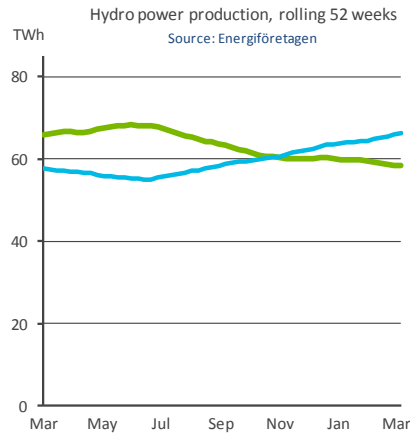
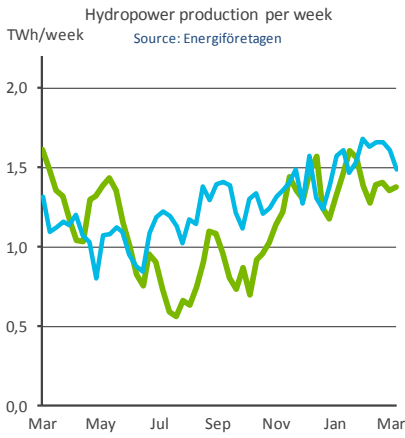
The total energy content in the regulating reservoirs is estimated at **8,711 GWh** this week.

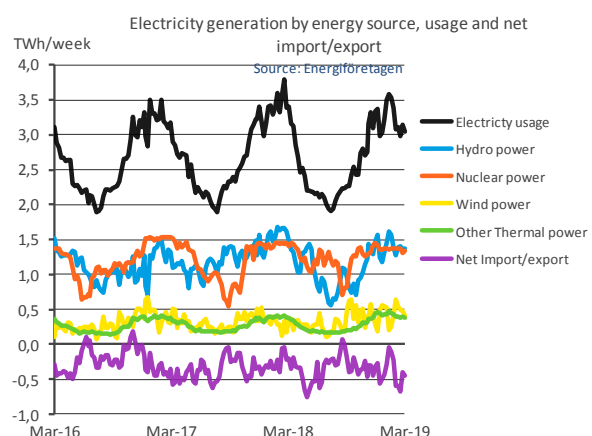
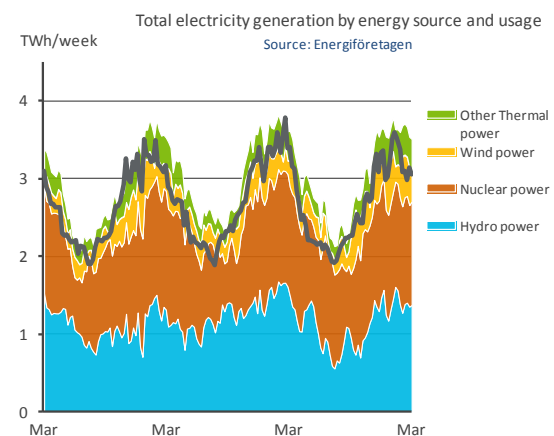
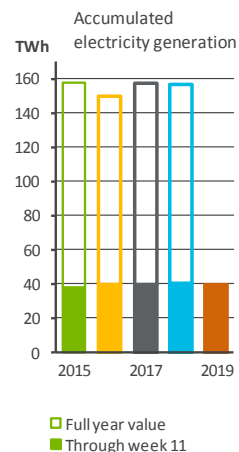
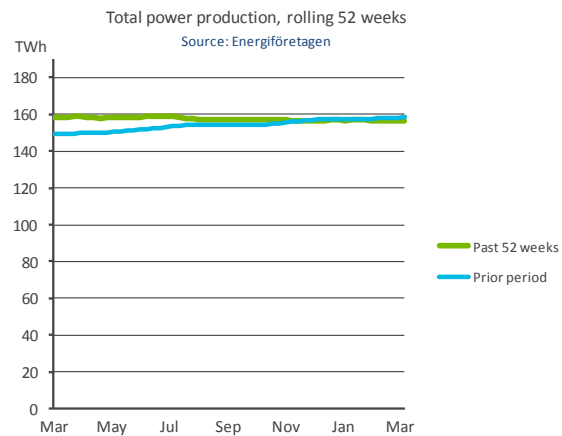
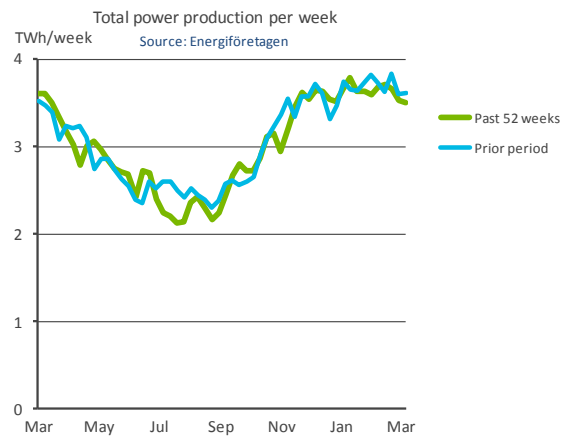
During week **2019-11**, the the reservoir storage level has changed from **28.8%** to **25.9%** (at end of week).

The average reservoir storage level during the period 1960-2017 was **31.3%**.

Bidding Area	Procent	GWh
SE1	25.1	3,716
SE2	24.1	3,797
SE3	34.8	1,013
SE4	82.4	185





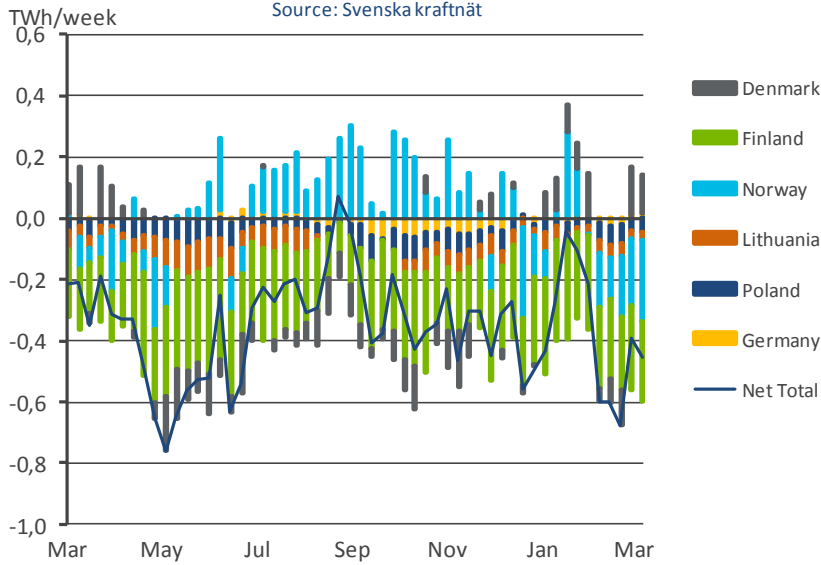


**Table 1  
Sweden**

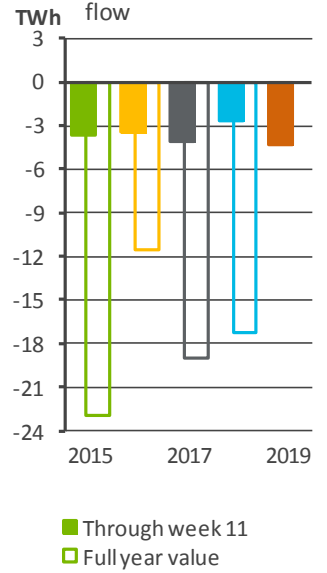
	Hydropower	Wind power	Nuclear power	Other thermic power	Total production	
2017-10	1,318	295	1,530	383	3,527	GWh
2017-11	1,097	518	1,517	338	3,470	GWh
2018-10	1,611	170	1,452	375	3,607	GWh
2018-11	1,489	341	1,404	377	3,611	GWh
2019-10	1,353	478	1,309	395	3,535	GWh
<b>2019-11</b>	<b>1,376 (-8%)</b>	<b>413 (21%)</b>	<b>1,335 (-5%)</b>	<b>384 (2%)</b>	<b>3,508 (-3%)</b>	<b>GWh</b>
<i>The values in brackets represent the current period in relation to a prior period</i>						
Cum <sup>1</sup> . through w.2017-11	14.5	4.29	16.7	4.2	39.7	TWh
Cum. through w.2018-11	17.3	3.23	15.7	4.3	40.5	TWh
<b>Cum. through w.2019-11</b>	<b>15.3 (-12%)</b>	<b>5.06 (57%)</b>	<b>15.0 (-4%)</b>	<b>4.6 (7%)</b>	<b>39.9 (-1%)</b>	<b>TWh</b>
<sup>1</sup> Cumulative sum value from the beginning						
52-weeks <sup>2</sup> total through w. 2017-1	57.4	16.30	62.1	13.7	149.5	TWh
52-weeks total through w. 2018-1:	66.2	16.01	61.7	14.4	158.4	TWh
<b>52-weeks total through w. 2019-1</b>	<b>58.3 (-12%)</b>	<b>18.34 (15%)</b>	<b>64.9 (5%)</b>	<b>14.7 (2%)</b>	<b>156.3 (-1%)</b>	<b>TWh</b>
<sup>2</sup> Rolling annual value total of 52 weeks						

Net import/export with countries outside Sweden

Source: Svenska kraftnät

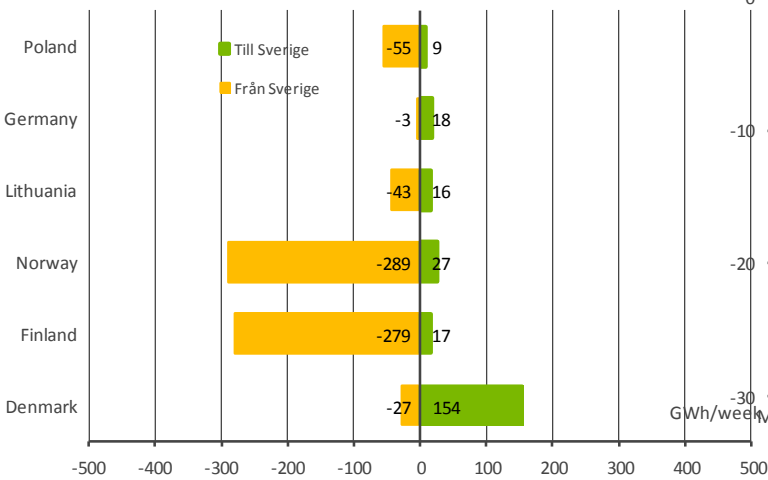


Total accumulated net flow



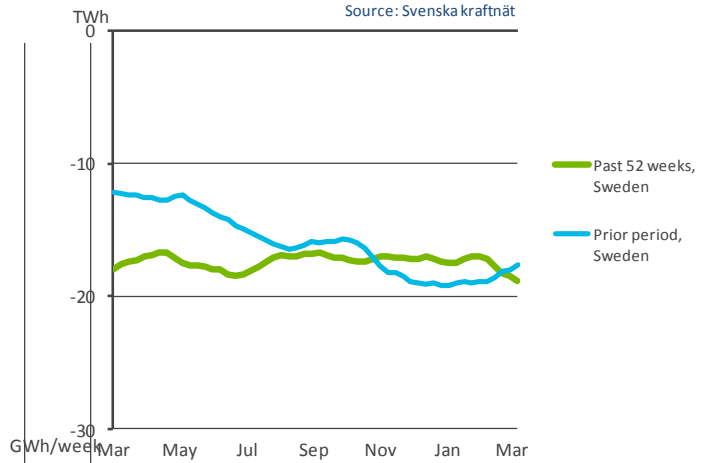
Import/export with countries outside Sweden

Source: Svenska kraftnät

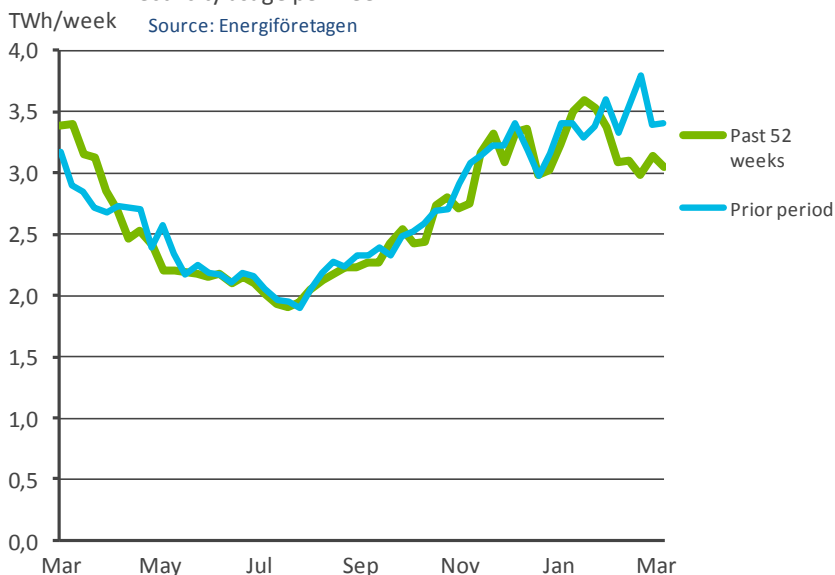


Net import/export with countries outside Sweden

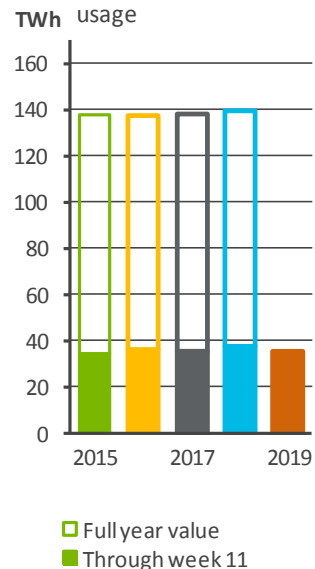
Source: Svenska kraftnät



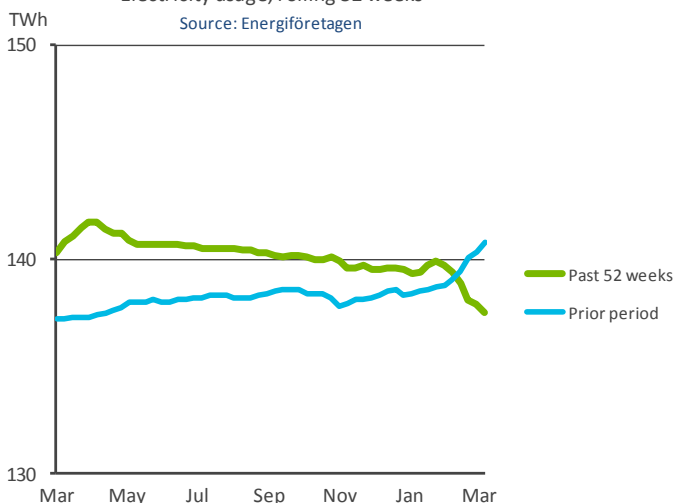
Electricity usage per week



Accumulated electricity usage



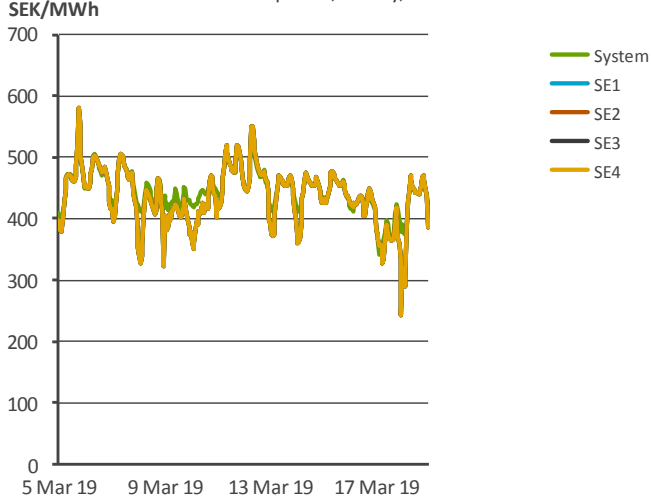
Electricity usage, rolling 52 weeks



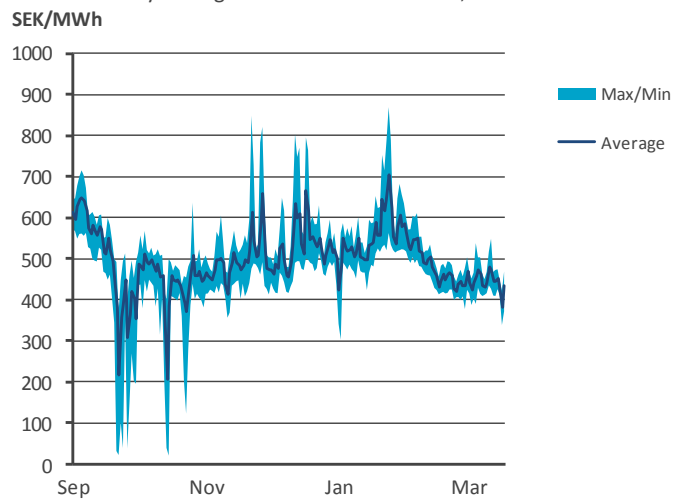
**Table 2**  
**Sweden**

	Total	Net import/export	Domestic usage		
			Result	Temp-adj.	
2017-10	3,527	-359	3,169	3,287	GWh
2017-11	3,470	-571	2,899	3,204	GWh
2018-10	3,607	-217	3,390	3,387	GWh
2018-11	3,611	-208	3,403	3,294	GWh
2019-10	3,535	-394	3,141	3,303	GWh
<b>2019-11</b>	<b>3,508 (-3%)</b>	<b>-455 (119%)</b>	<b>3,053 (-10%)</b>	<b>3,216 (-2%)</b>	<b>GWh</b>
<i>The values in brackets represent the current period in relation to a prior period</i>					
Cum <sup>1</sup> . through w.2017-11	39.7	-4.1	35.6	37.8	TWh
Cum. through w.2018-11	40.5	-2.7	37.7	38.3	TWh
<b>Cum. through w.2019-11</b>	<b>39.9 (-1%)</b>	<b>-4.3 (59%)</b>	<b>35.6 (-6%)</b>	<b>37.9 (-1%)</b>	<b>TWh</b>
<sup>1</sup> Cumulative sum value from the beginning					
52-weeks <sup>2</sup> total through w. 2017-11	149.5	-12.3	137.2	142.8	TWh
52-weeks total through w. 2018-11	158.4	-17.6	140.8	143.8	TWh
<b>52-weeks total through w. 2019-11</b>	<b>156.3 (-1%)</b>	<b>-18.8 (7%)</b>	<b>137.5 (-2%)</b>	<b>144.4 (0%)</b>	<b>TWh</b>
<sup>2</sup> Rolling annual value total of 52 weeks					

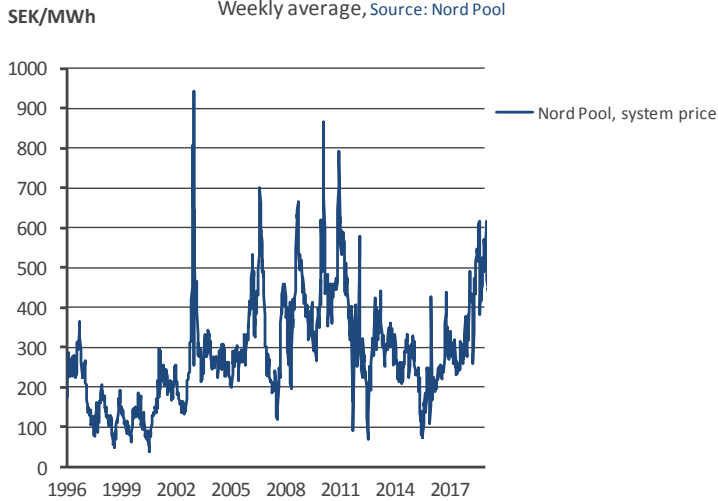
Elspot system price on Nord Pool exchange and Swedish area prices, hourly, Source: Nord Pool



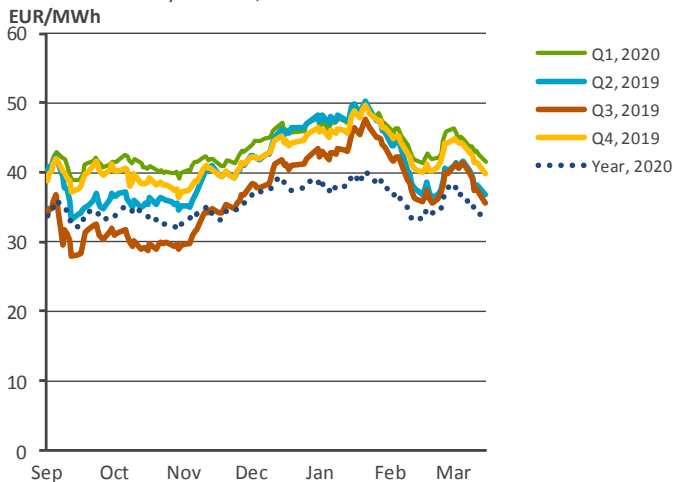
Elspot system price on Nord Pool exchange Daily average and max. - min. interval, Source: Nord Pool



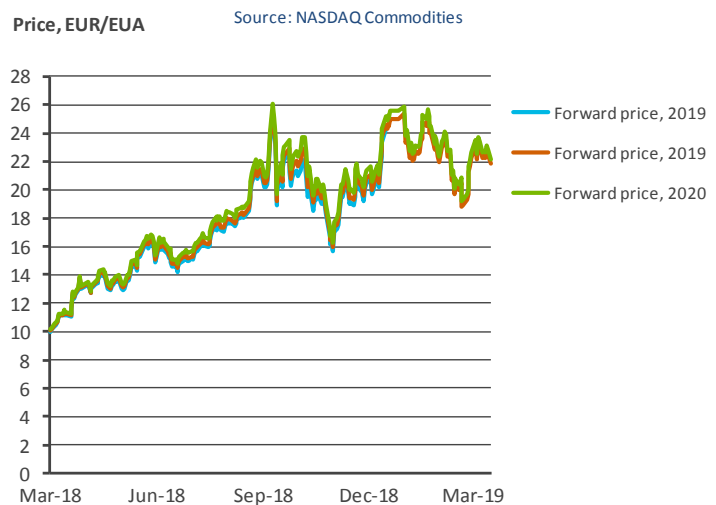
Elspot system price on Nord Pool exchange Weekly average, Source: Nord Pool



NASDAQ Commodities forward price by quarter 2019 and full year 2020, Source: NASDAQ Commodities

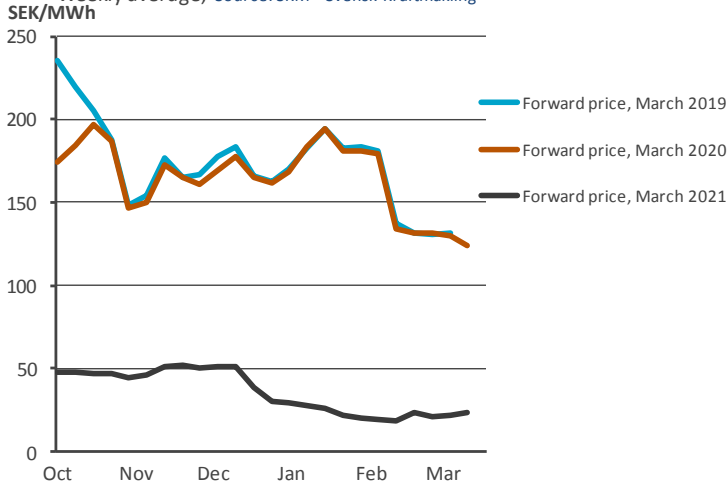


Trade with carbon emission allowances



SKM E-certificate forward prices

Weekly average, Source: SKM – Svensk Kraftmätning

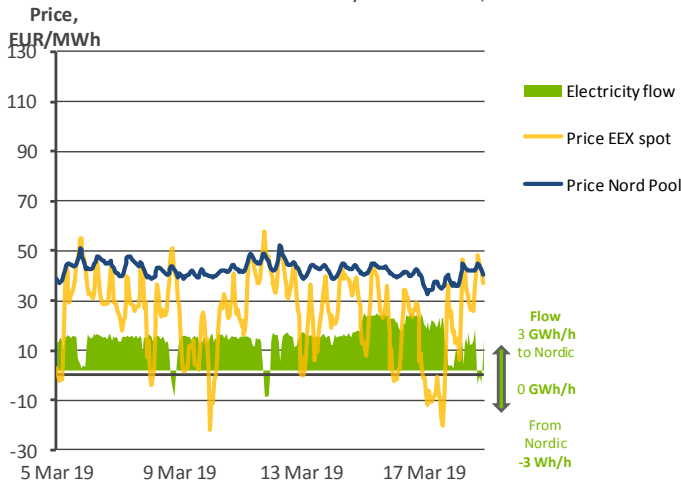


SKM E-certificate spot price

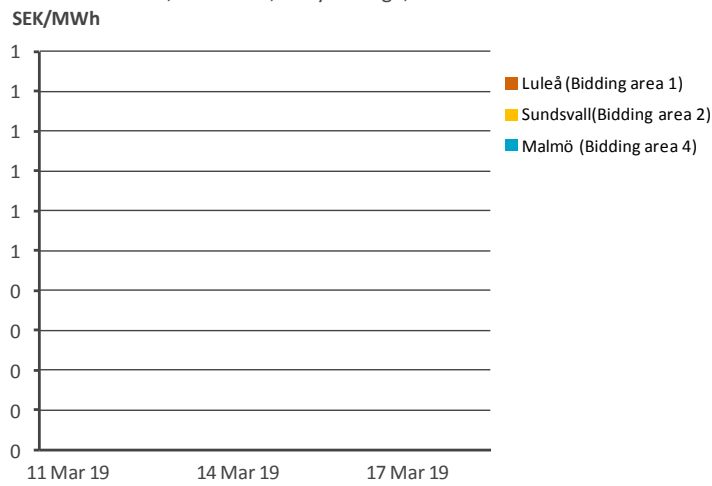
Weekly average, Source: SKM – Svensk Kraftmätning



EEX and Nord Pool, price and Nordic electricity flow to and from Germany Source: EPEX Spot and Nord Pool



Areas prices compared to Area SE3, Stockholm, daily average, Source: Nord Pool



NASDAQ, Swedish EPAD contract year 2020 difference between the area the system price Source: NASDAQ

