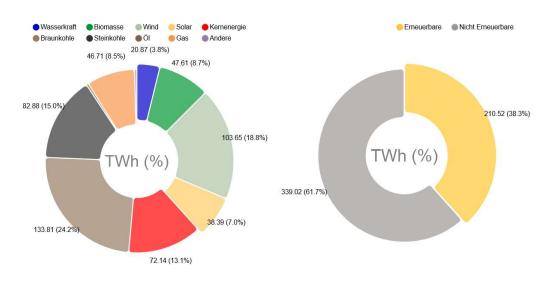


Flexibility of fossil power?



Electricity production in Germany 2017

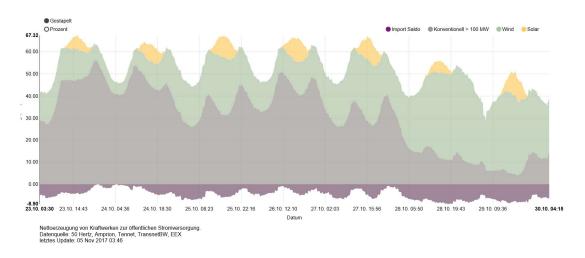


Nettoerzeugung von Kraftwerken zur öffentlichen Stromversorgung. Datenquelle: 50 Hertz, Amprion, Tennet, TransnetBW, Destatis, EEX letztes Update: 31 Jan 2018 06:55

Renewables 38,3 %



Power Fluctuation in Germany Oct 2017



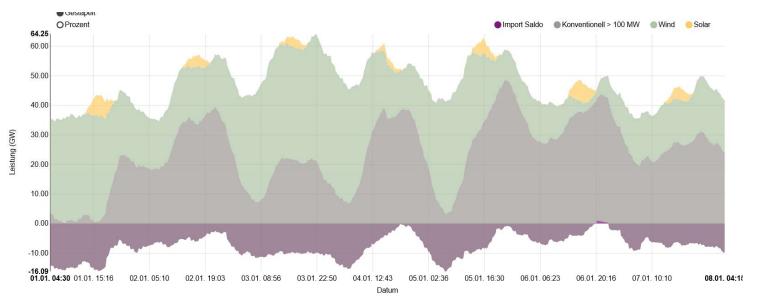
Source: https://www.energy-charts.de/power_de.htm?source=conventional&week=43&year=2017

Thermal demand varies > 50 GW to < 13 GW

(with > 8 GW of export)



Power Fluctuation in Germany Jan 2018 – First week



Nettoerzeugung von Kraftwerken zur öffentlichen Stromversorgung. Datenquelle: 50 Hertz, Amprion, Tennet, TransnetBW, EEX letztes Update: 24 Jan 2018 13:58

Source: https://www.energy-charts.de/

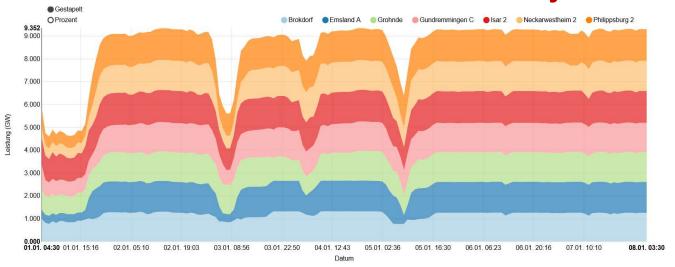
Thermal demand varies > 50 GW to < 13 GW

(with > 16 GW of export)

DEUTSCHE ZUSAMMENARBEIT



Nuclear Power Plant Production Germany/block Jan 18



Diese Daten werden mit einem Zeitversatz von fünf Tagen veröffentlicht Datenquelle: EEX letztes Update: 19 Jan 2018 01:44

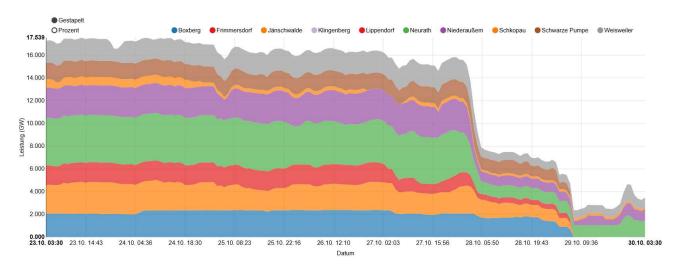
DEUTSCHE ZUSAMMENARBEIT

Source: https://www.energy-charts.de/

Even nuclear can ramp down to < 50 % and fast



Lignite Power Plant Production Germany/plant Oct 17

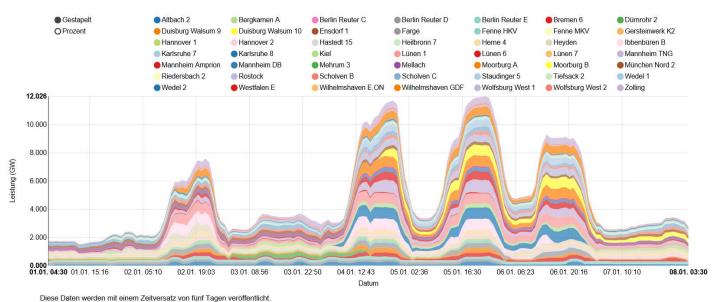


Source: https://www.energy-charts.de/power_de.htm?source=ligniteAll&week=43&year=2017

Fast ramp down and very low PLF



Hard Coal Power Plant Production Germany/block Jan 18



Diese Daten werden mit einem Zeitversatz von funt Tagen veröffentlicht Datenquelle: EEX letztes Update: 19 Jan 2018 01:46

DEUTSCHE ZUSAMMENARBEIT

Fast ramp down and very low PLF

Source: https://www.energy-charts.de





Thank You

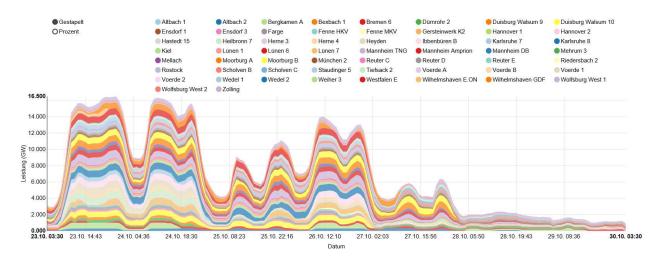
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Hard Coal Power Plant Production Germany/block



Source: https://www.energy-charts.de/power_de.htm?source=coal&week=43&year=2017

Fast ramp down and very low PLF