

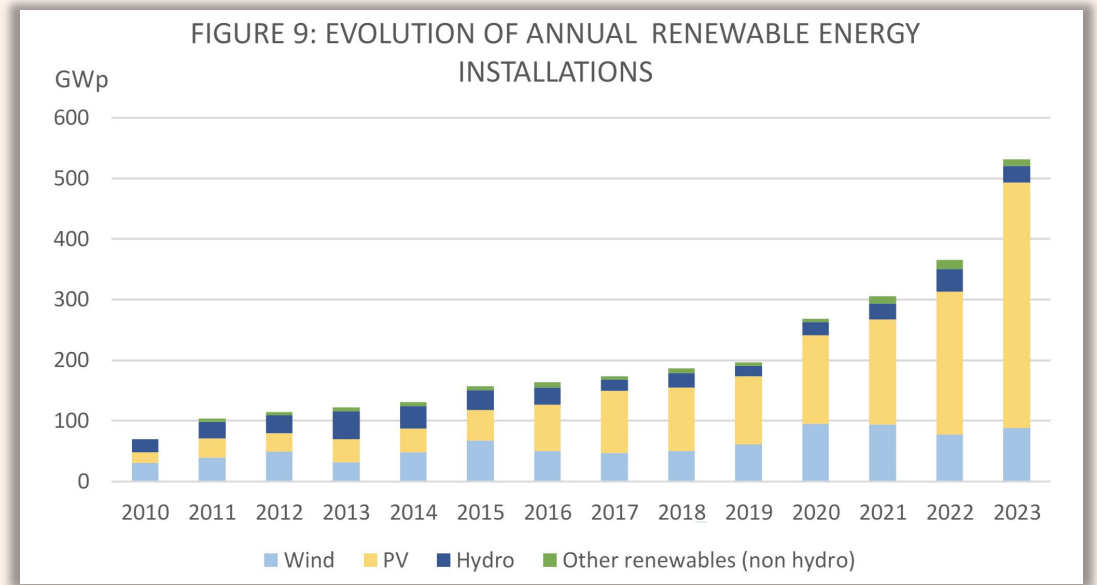
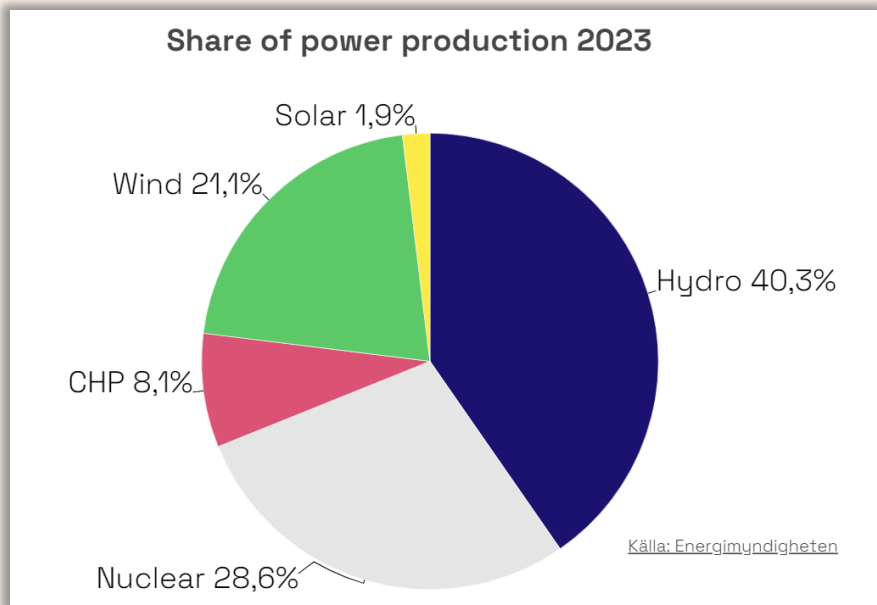
2030

30 TWh

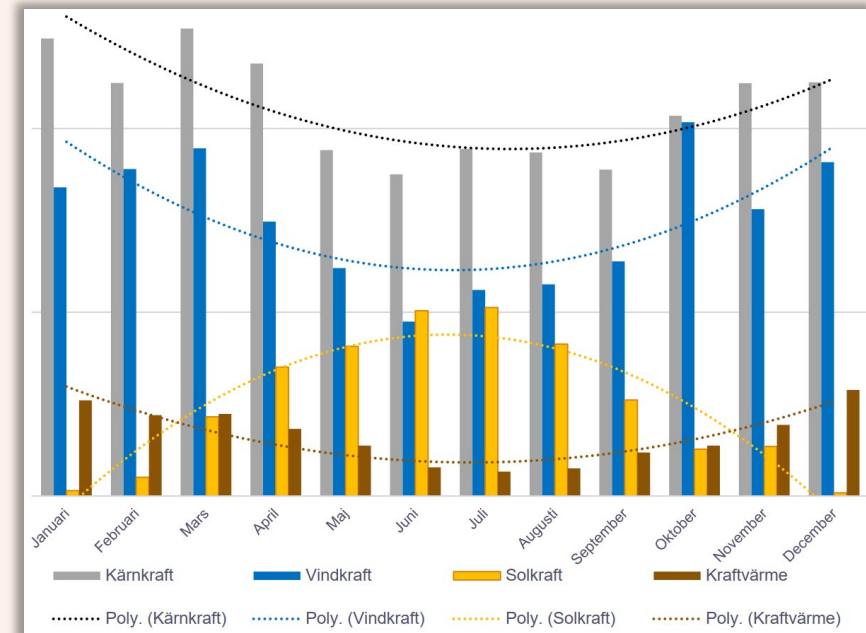
2%



Svensk Solenergi

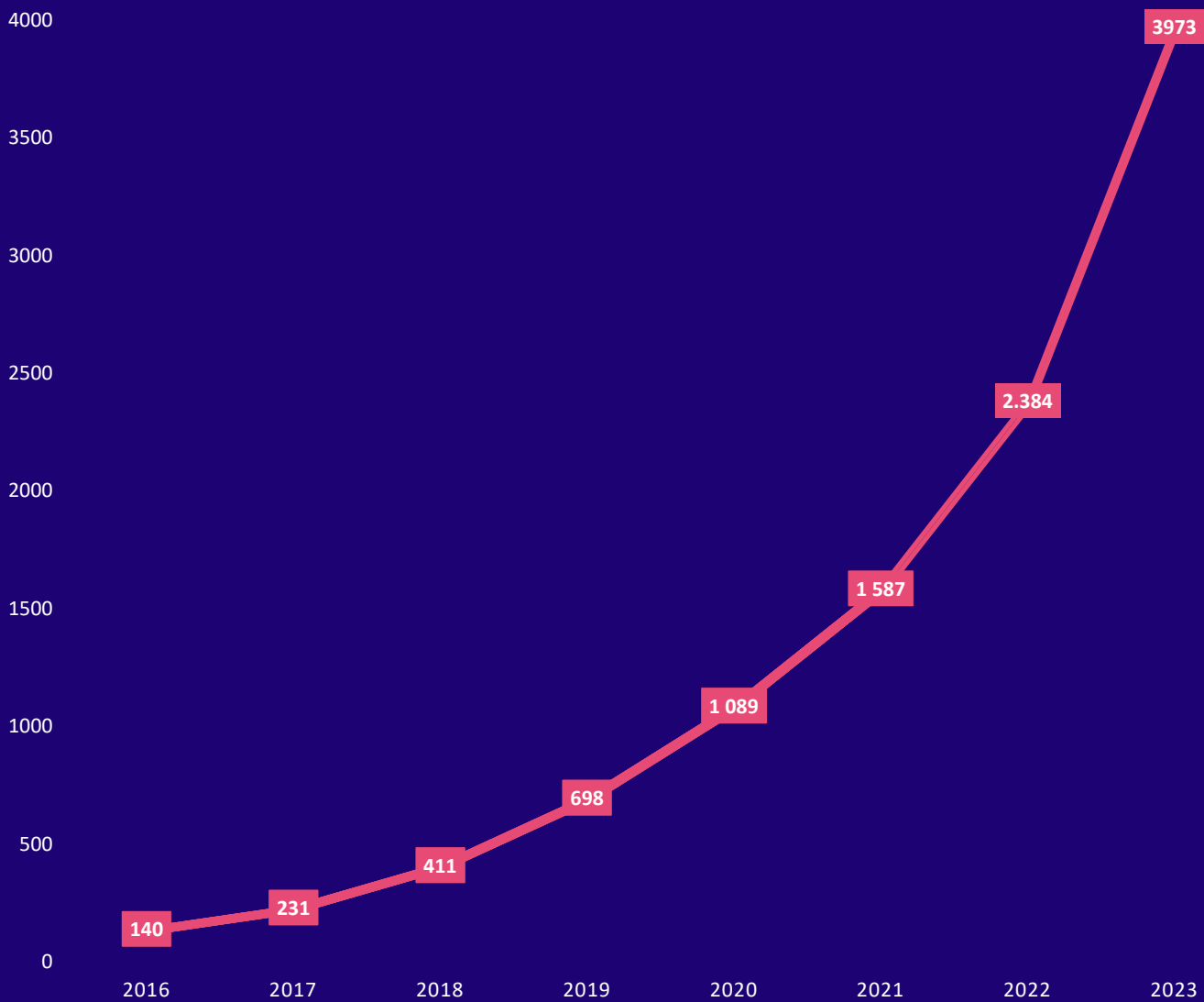


Solar on the rise in Sweden





Cumulative installed capacity solar power (MW)



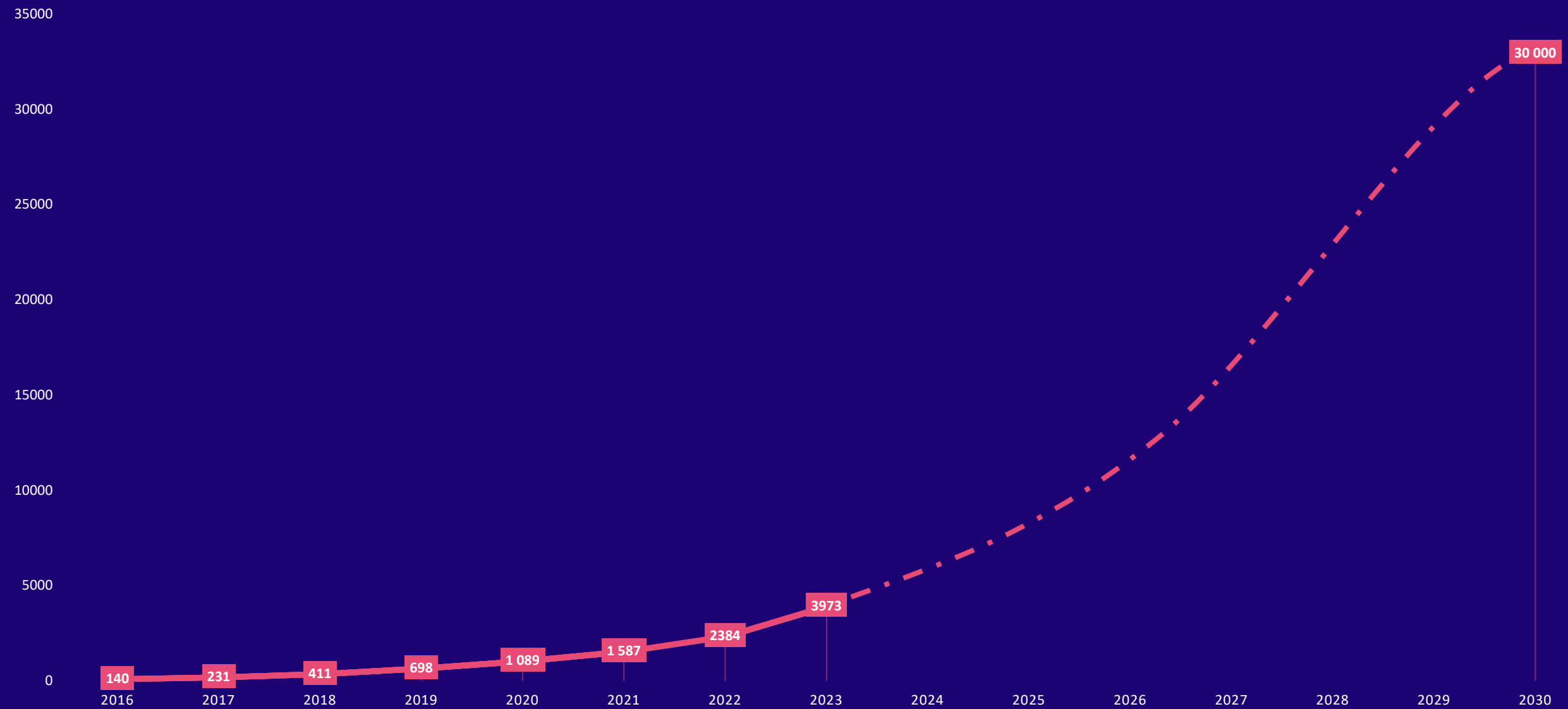
Cumulative installed capacity


End of 2022
2,4 GW

End of 2023
4 GW




Cumulative installed capacity solar power (MW)






Political recognition and national strategy



Clearer and simpler permit process



Removal of tax on self consumption
(>500 kW)

Grid connection - the bottle neck

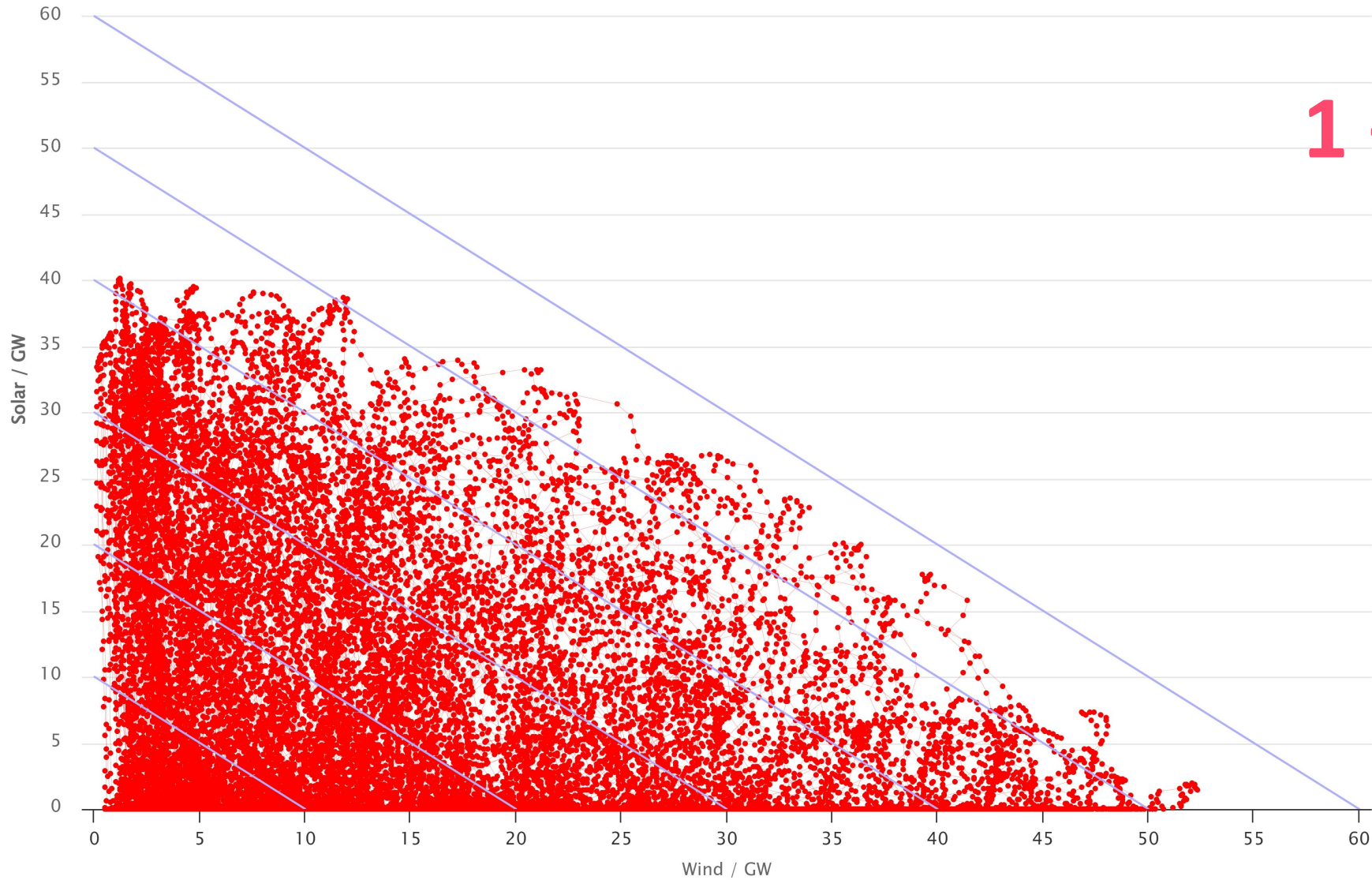
- Cost of connection - critical
- Location of solar park
- Lack of Transparency on grid capacity
- Long response time



The O in DSO
- connect and manage

PPA:s which consider low prices

Solar vs Wind in Germany 2023



1 + 1 = 1,1

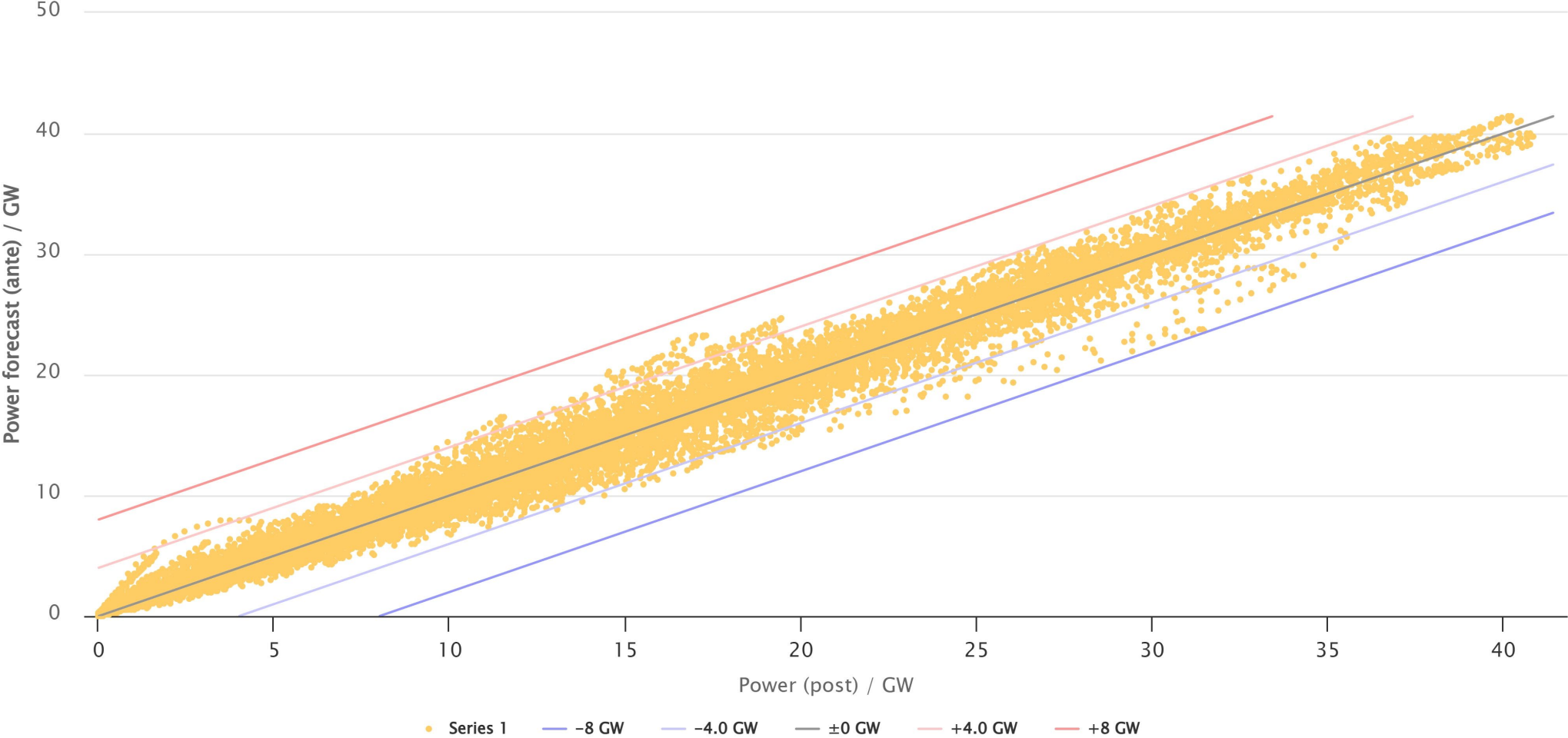
Energy-Charts.info; Data Source: ENTSO-E;



Solar power is easy to predict

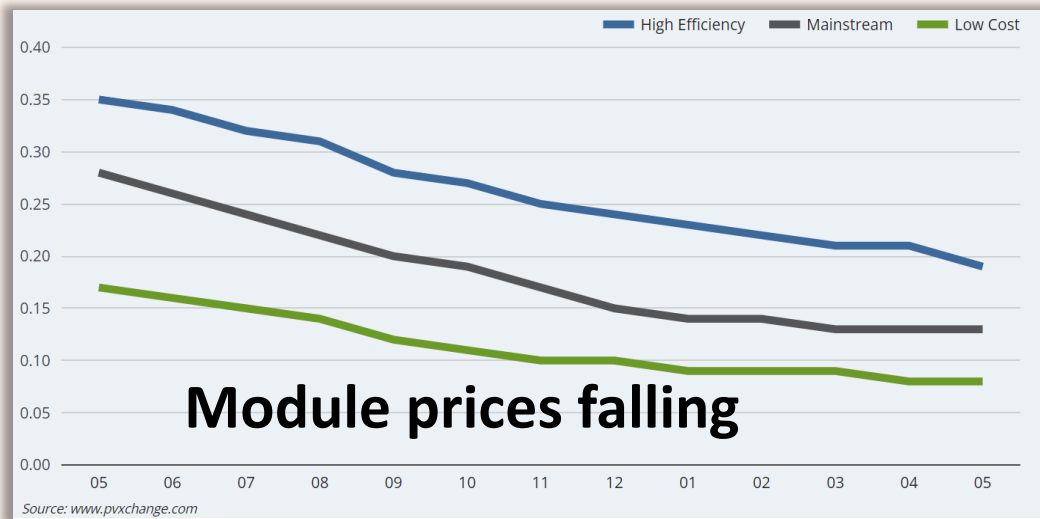
Solar day-ahead forecast vs. actual in Germany in 2023

Original data ENTSO-E

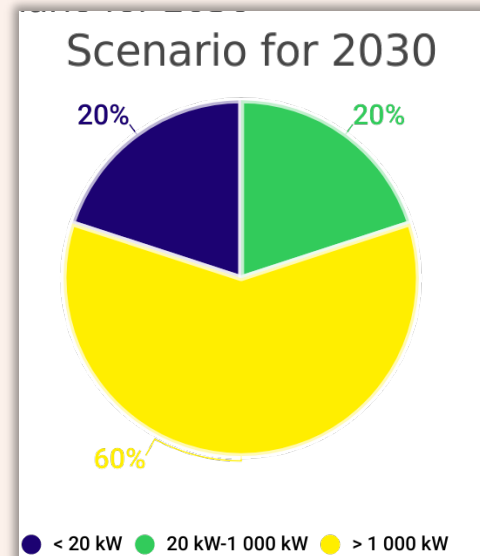
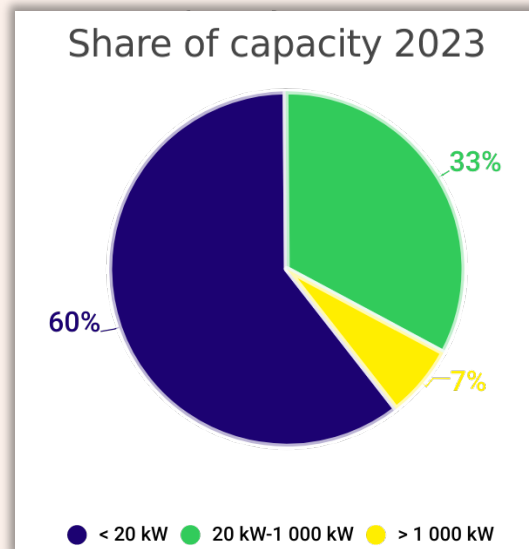


Energy-Charts.info; Data Source: ENTSO-E;





DC/AC-ratio rising = flattening the curve



Solar power is very controlable - time to utilize it



Balancing/ancillary services



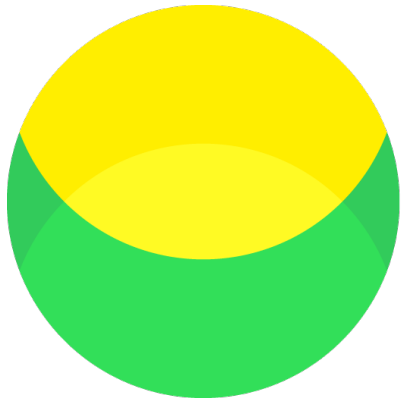
Non-firm grid connections

Voltage control

Reactive power control

Local flexibility

Inertia – net yet, but soon



Svensk Solenergi

We represent,
develop and
form opinions.



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