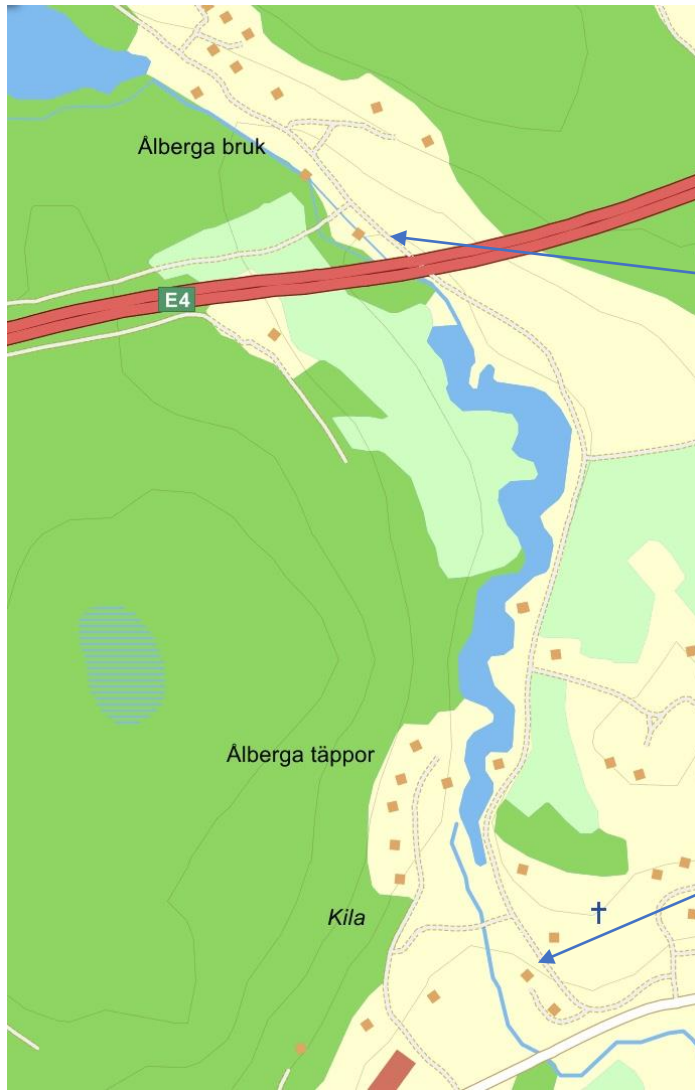


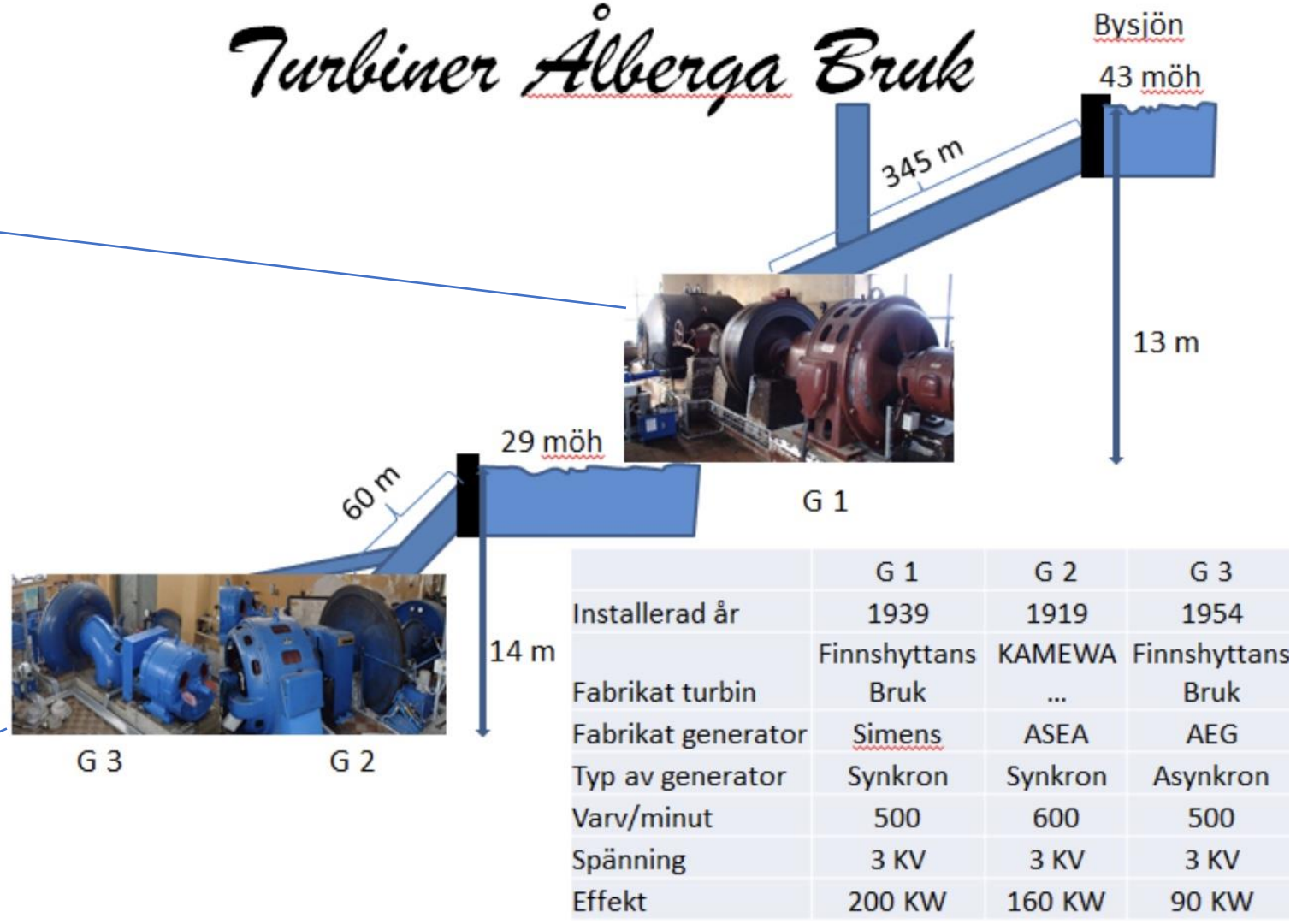
Ålberga Bruk 1919




Hydro Power station



Turbiner Alberga Bruk

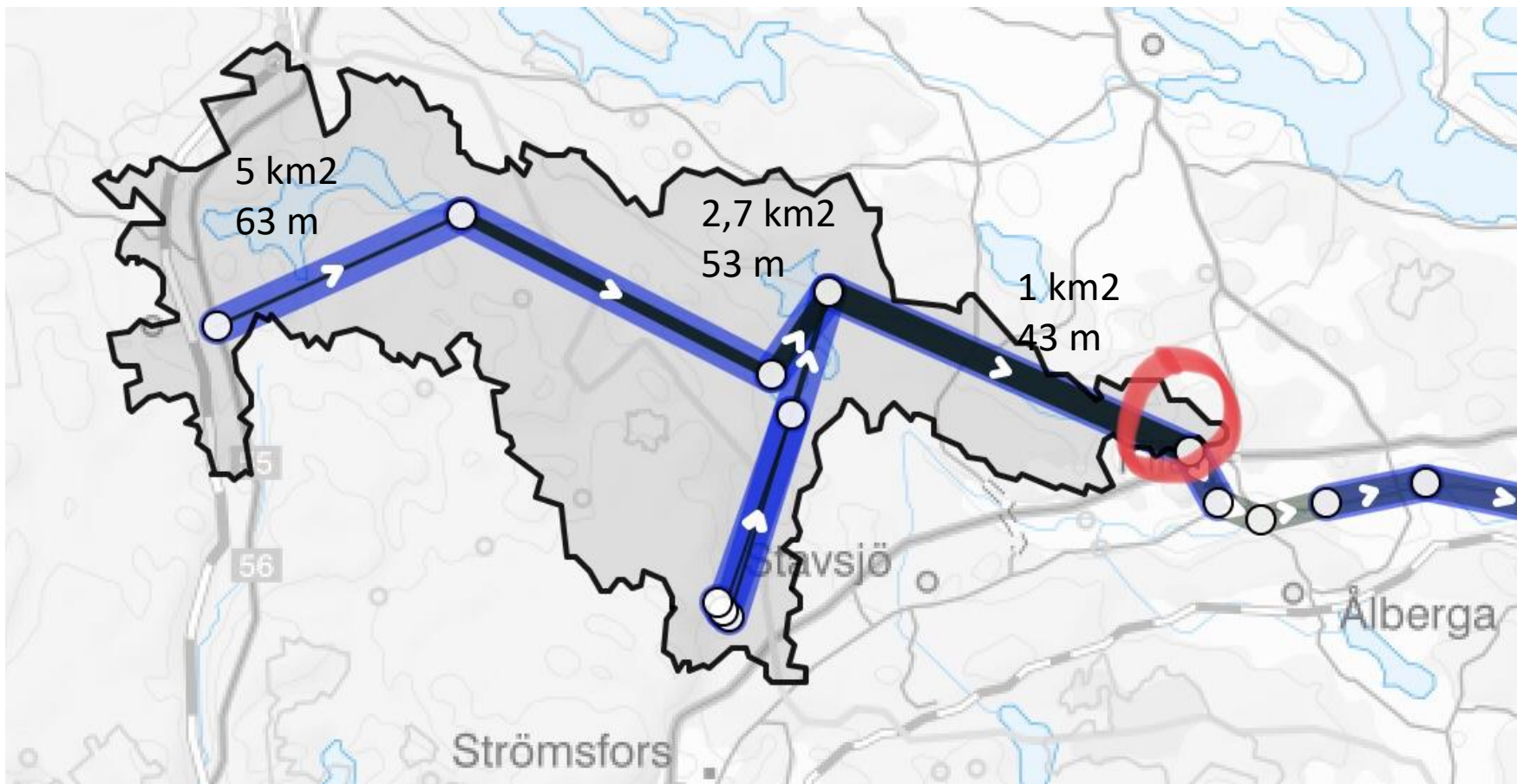


Data Hydro Power Plant

- Effekt total 450 (400)  9600 kWh/ 24 h
- Height 27 m
- Waterflow 1,8 m³/s = 140 000 m³/24 h = 1 milj m³/week
- Efficiency 80-85 %

Water supply





Area=140 km²

Area lakes 12 km² = 8,6 %

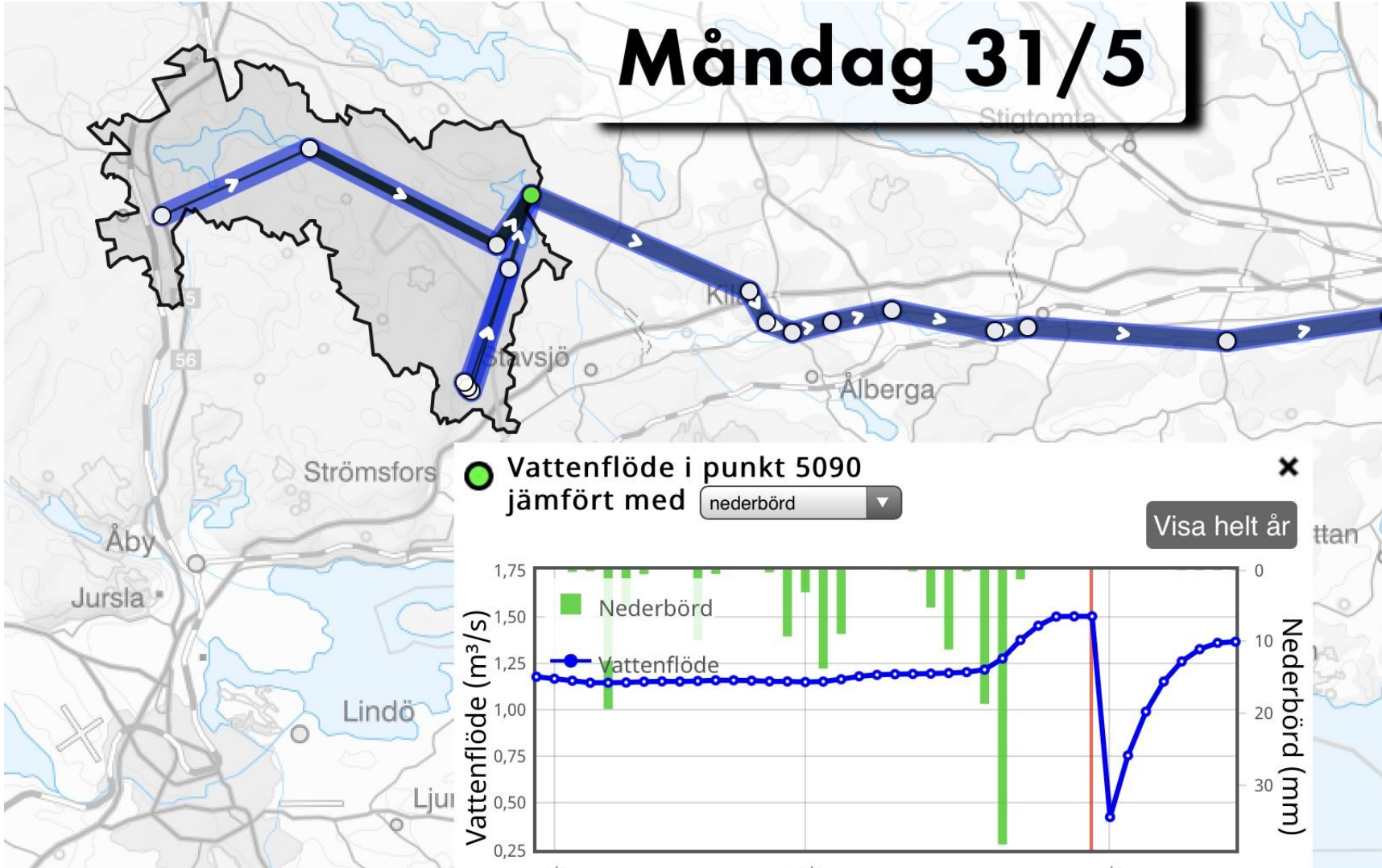
Regulated lakes (3)=9 km²

Waterflow average = 0,97 m³/s (if not evaporation, veg, etc 2,6 m³/s)

Water magazine 13 milj m³

SMHI modelation

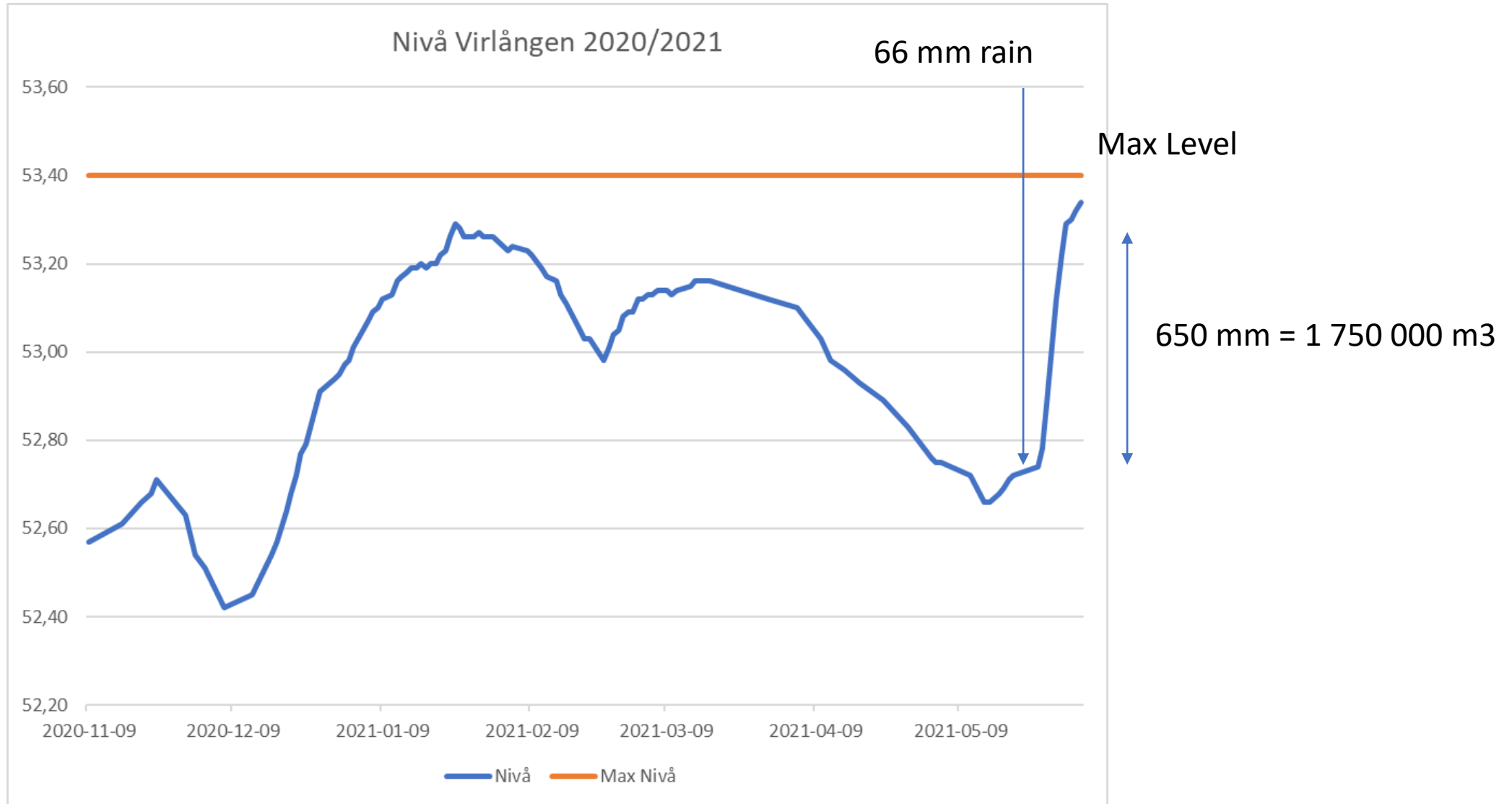
Måndag 31/5

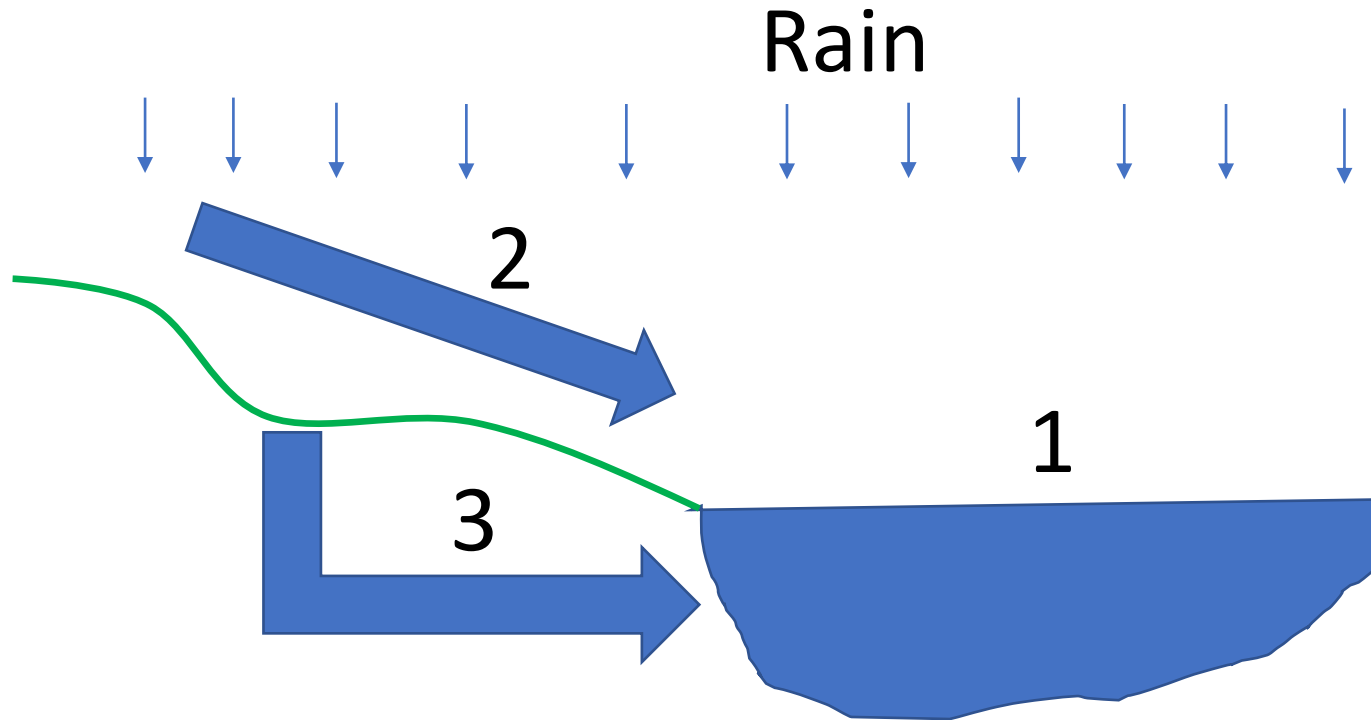


Generic model
SMHI do not consider regulation
SMHI estimated Flow 31/5 1,5 m³/s

Real flow to Virlången
31/5 calculated to 4,1 m³/s
(next Picture)

Level Virlången winter 2020/21





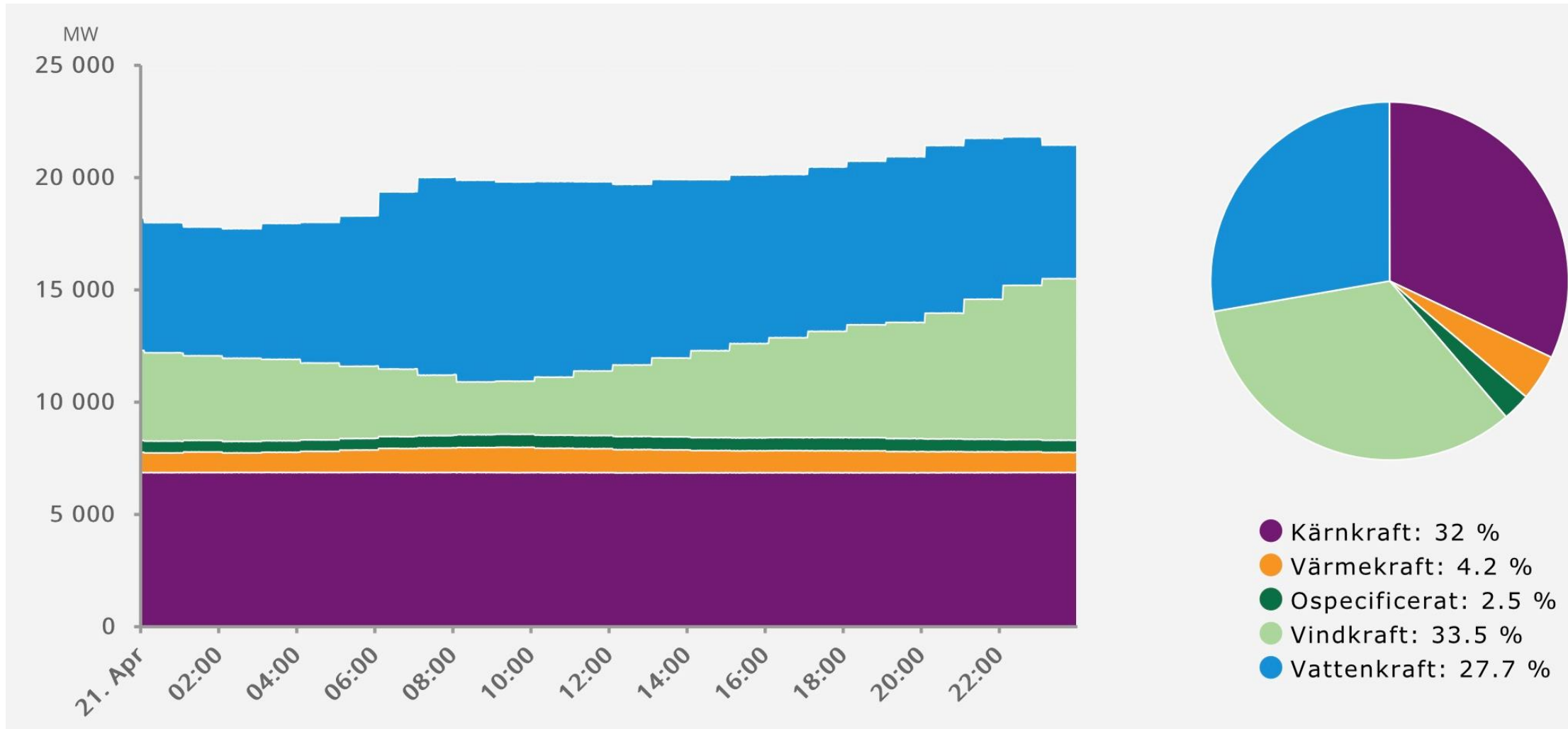
Rain last week (66 mm): ca 40 % of the water was in the lake after 3 days.
(Heavy rain in may, ground saturated)



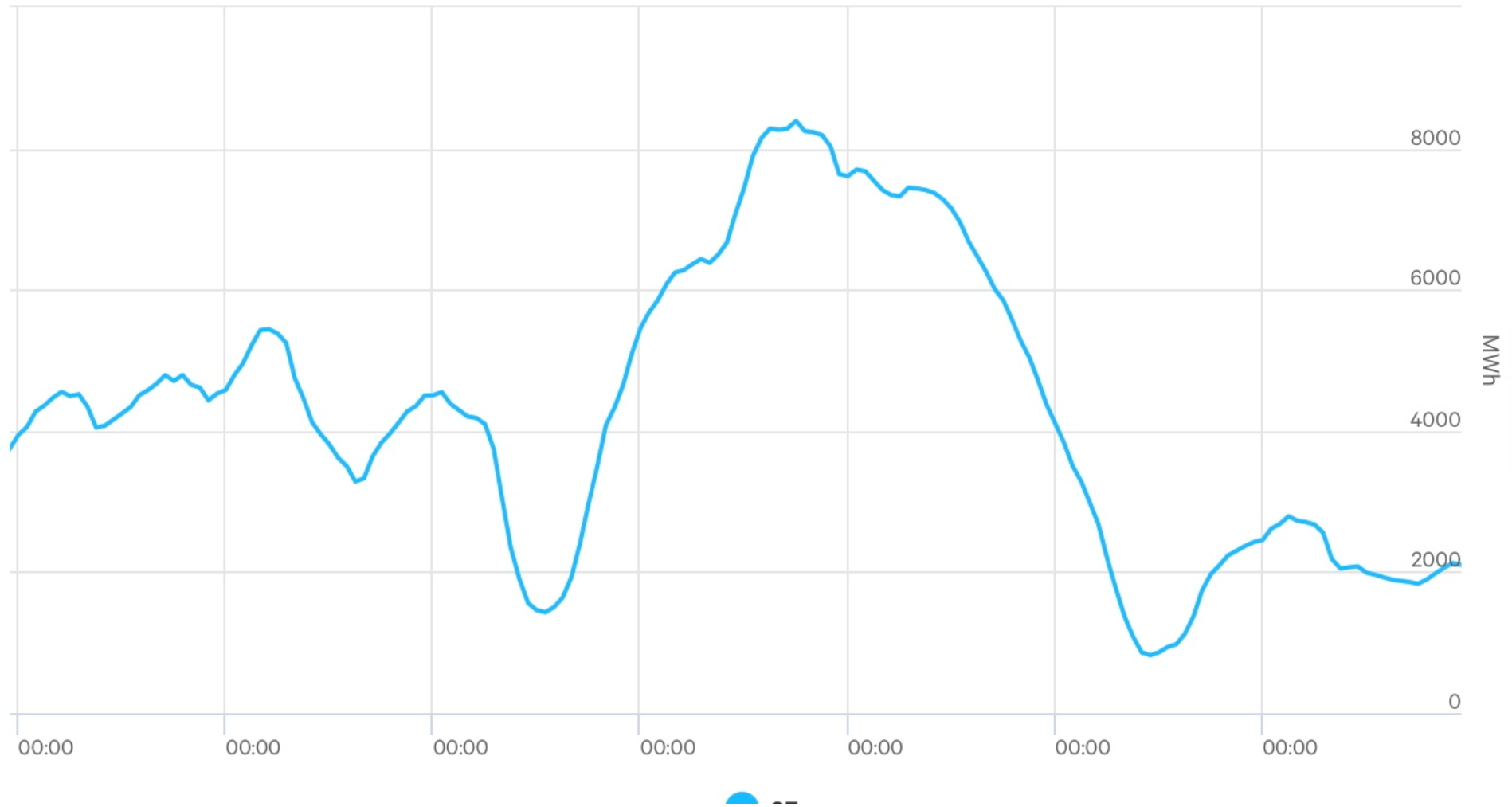
Other aspects
of waterflow

Road in the vally downstreams

Power production Sweden



Wind prognos (One week)



REGULATING POWER

POWER SYSTEM DATA

DATA DOWNLOADS

MAPS

Day-ahead overview

HOURLY

DAILY

WEEKLY

MONTHLY

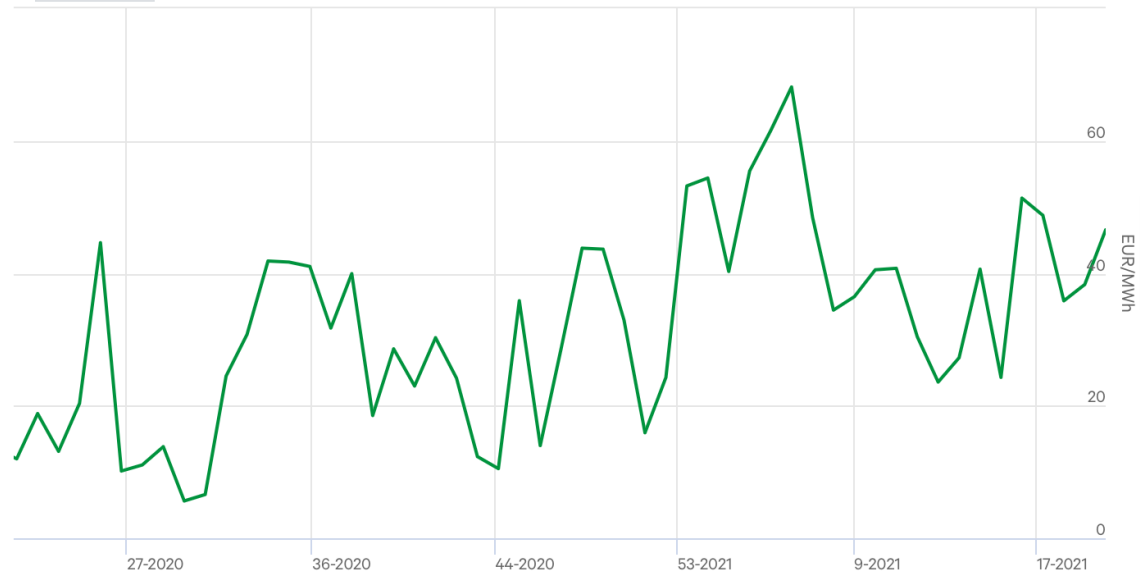
YEARLY

24 MAY 2021

EUR



YEAR



SE3

Contact us

Price (MWh) 2020/2021

NORD POOL INTRADAY

NORD POOL UK

REGULATING POWER

POWER SYSTEM DATA

DATA DOWNLOADS

MAPS

Day-ahead overview

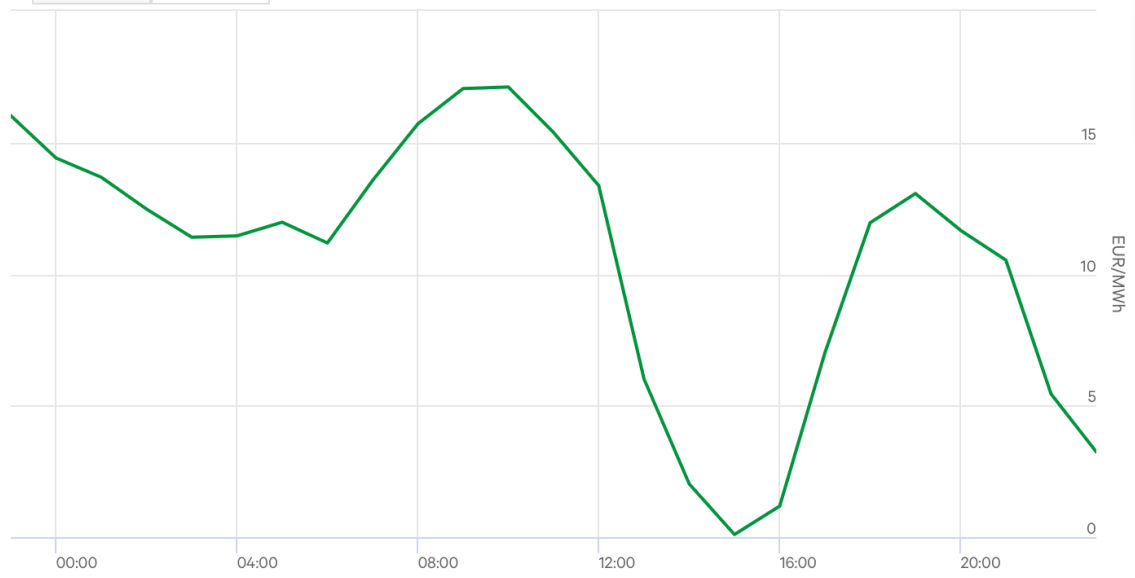
LT FRE AT BE DE-LU FR NL FURTHER DETAILS

TABLE CHART

HOURLY DAILY WEEKLY MONTHLY YEARLY

04 APR 2021 EUR

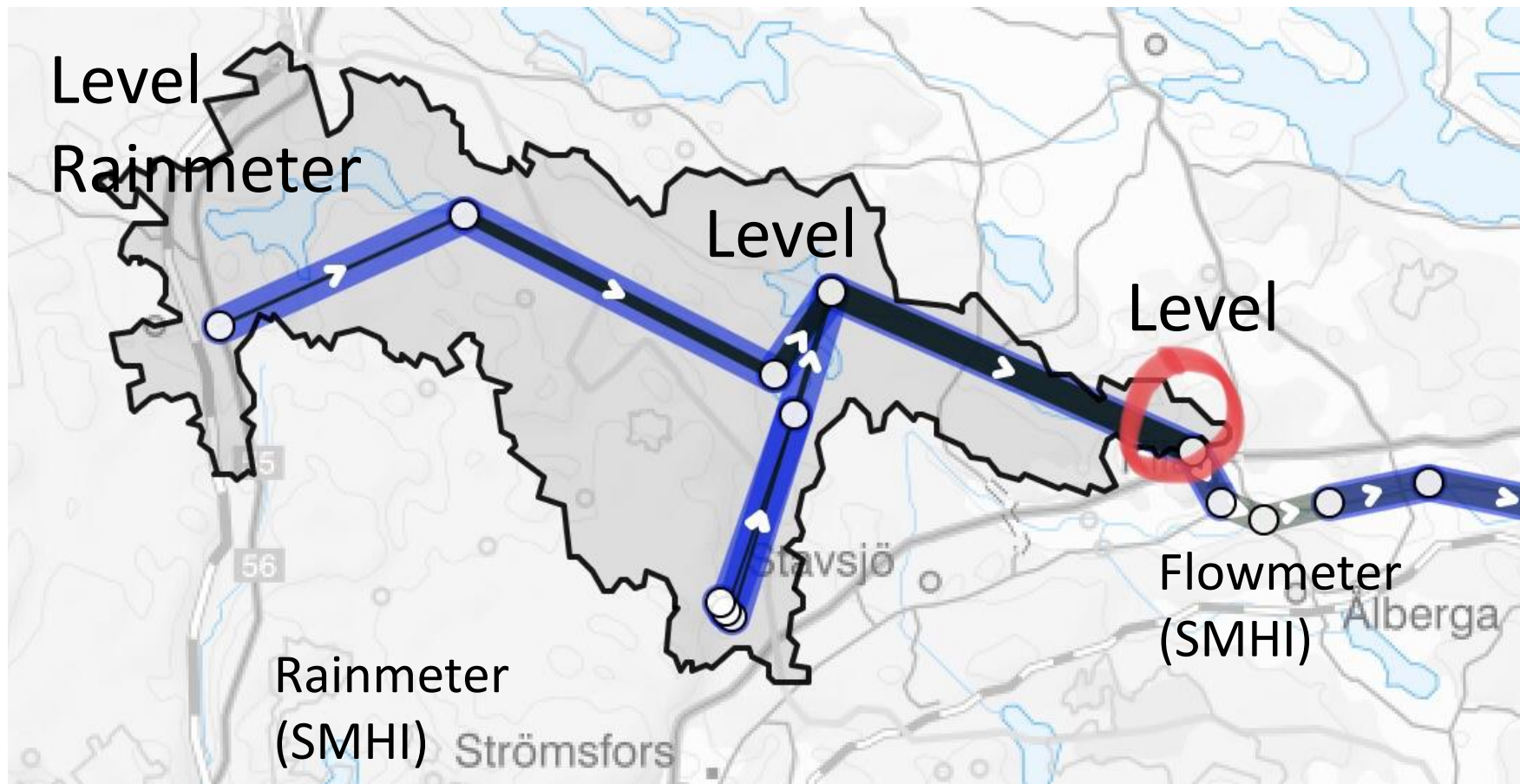
DAY WEEK



SE3

Contact us

Price (MWh) Day



Available data

Power production, Wind production, Price (Nordpool)
Water flow, Rain, data/modulation (SMHI)