

Fegen, Halland, Sweden



My electricity bill – June 2025

GRID INVOICE · JUNE 2025 · 395 kWh CONSUMED

929 SEK for one month – and this is the grid only.
The electricity itself is billed separately.

HOW THIS MONTH BREAKS DOWN

64 %		13 %	23 %
■ Fixed monthly charge			473.00
■ Distribution, 395 kWh			96.99
■ Energy tax, 395 kWh			173.36
Total excl. VAT			743.35 SEK

64 %

of this month is fixed cost —
45 % over the full year

591 SEK

is what I would pay even if
I used zero kilowatt-hours

~30,000 SEK

estimated total for 2026 —
grid and electricity together

FULL YEAR · GRID ONLY	2025 actual	2026 estimate
Consumption	10,099 kWh	~12,000 kWh
Fixed charges	5,676	5,976
Distribution	2,480	3,101
Energy tax	4,433	4,320
Total incl. VAT	15,737 SEK ≈ €1,500	16,746 SEK ≈ €1,595

Consumption is up about 20 % in 2026 —
I bought an electric car.

Price area SE4 · 16 A · fixed charge 473 SEK/month in 2025, 498 in 2026 · components excl. VAT, totals incl. VAT · approx. 10.5 SEK/EUR

My house and the planing mill next door



My house, my brother next door — and Lomtec



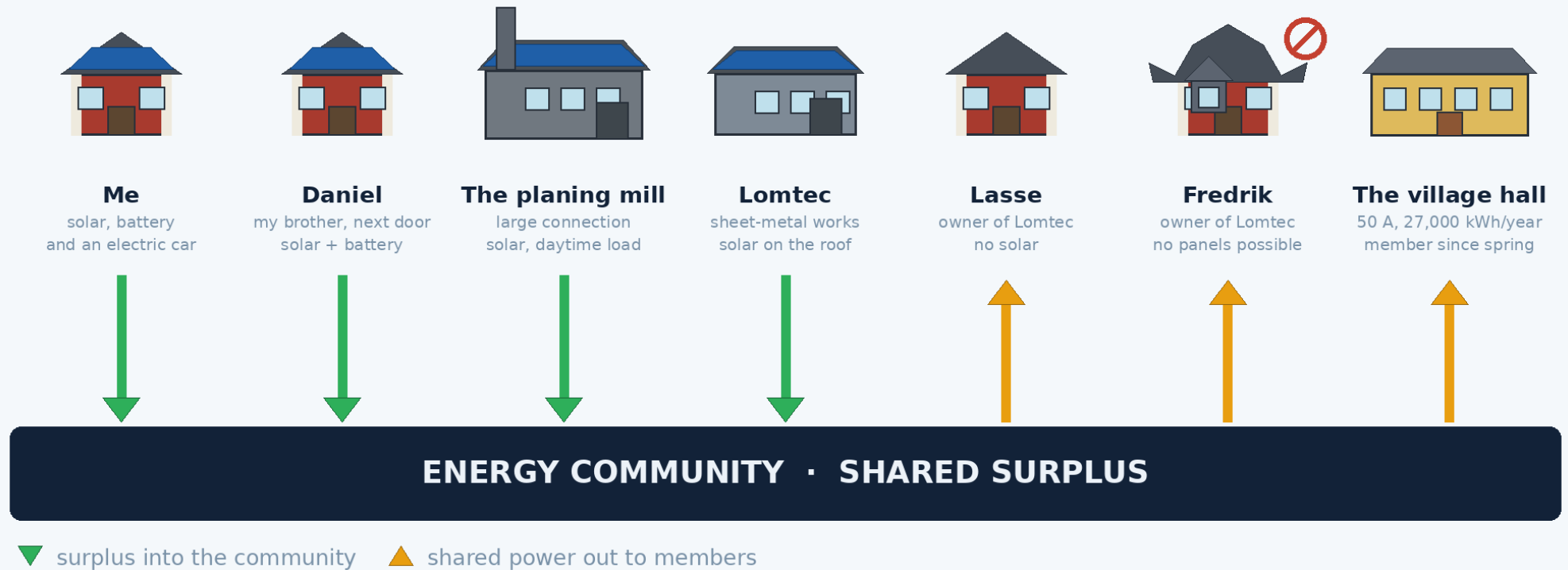
Lomtec, and the homes of Lasse and Fredrik



An energy community needs more than two

BUILDING THE COMMUNITY

The energy community starts to take shape.



The surplus from a company roof can power the homes of the people who own it — including one roof where panels can never fit. That is the whole idea.

The village hall — 19,000 SEK for electricity in January



Same village, two very different bills

SAME VILLAGE, TWO VERY DIFFERENT BILLS

**A village hall pays for capacity
it only needs a few evenings a week.**

GRID COST	MY HOUSE	THE VILLAGE HALL
Grid connection	16 A	50 A
Fixed charge per month	498 SEK	1,855 SEK
Fixed charge per year, incl. VAT	7,470 SEK	27,825 SEK
Consumption 2026, estimated	~12,000 kWh	~27,000 kWh
Grid cost 2026, incl. VAT	16,746 SEK	48,724 SEK
Fixed share of the grid cost	45 %	57 %

27,800 SEK a year

before a single kilowatt-hour — for a building with almost no income.

In January the heat pump broke down and consumption went from 4,094 to 6,979 kWh.

That month's bill came to roughly 19,000 SEK.

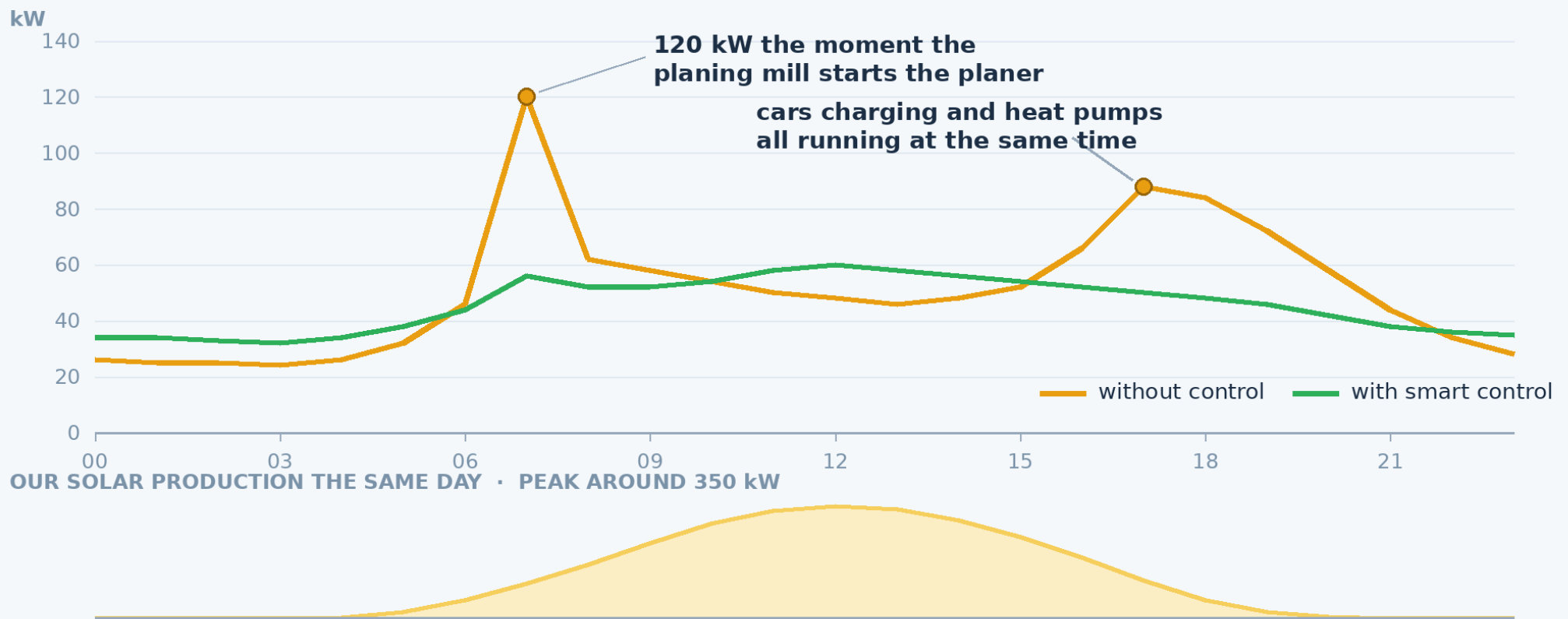
E.ON Energidistribution, price area SE4 · fixed charge 2026 · approx. 10.5 SEK/EUR (27,825 SEK ≈ €2,650)

Smart control: same energy, half the peak

SMART CONTROL

Same energy. Half the peak.

And the solar suddenly reaches much further.

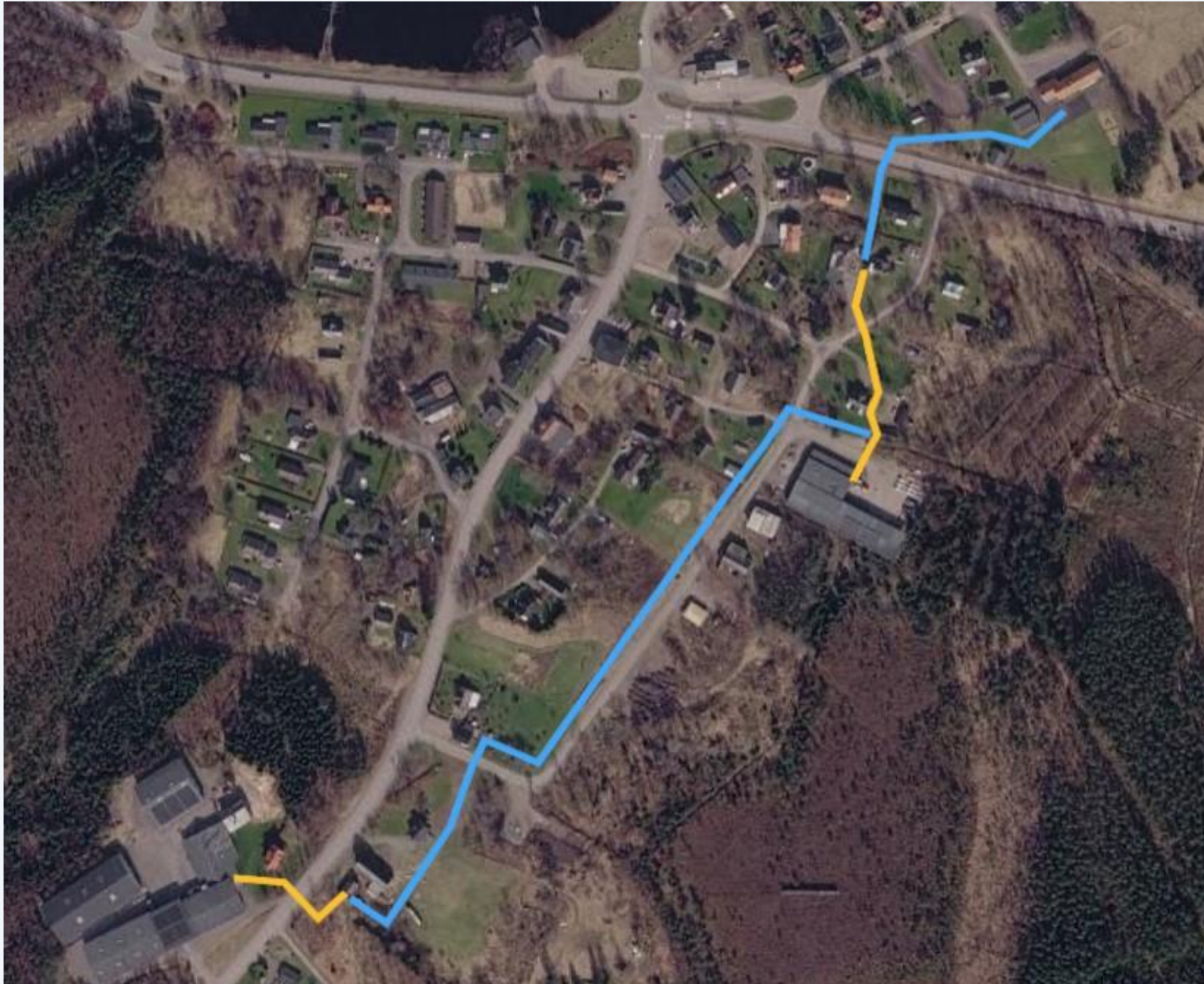


Shifting batteries, car chargers and heat pumps moves the load towards the middle of the day — so the same solar kilowatt-hours cover far more of what we actually use. Software, not copper.

Step 1 — the first local links



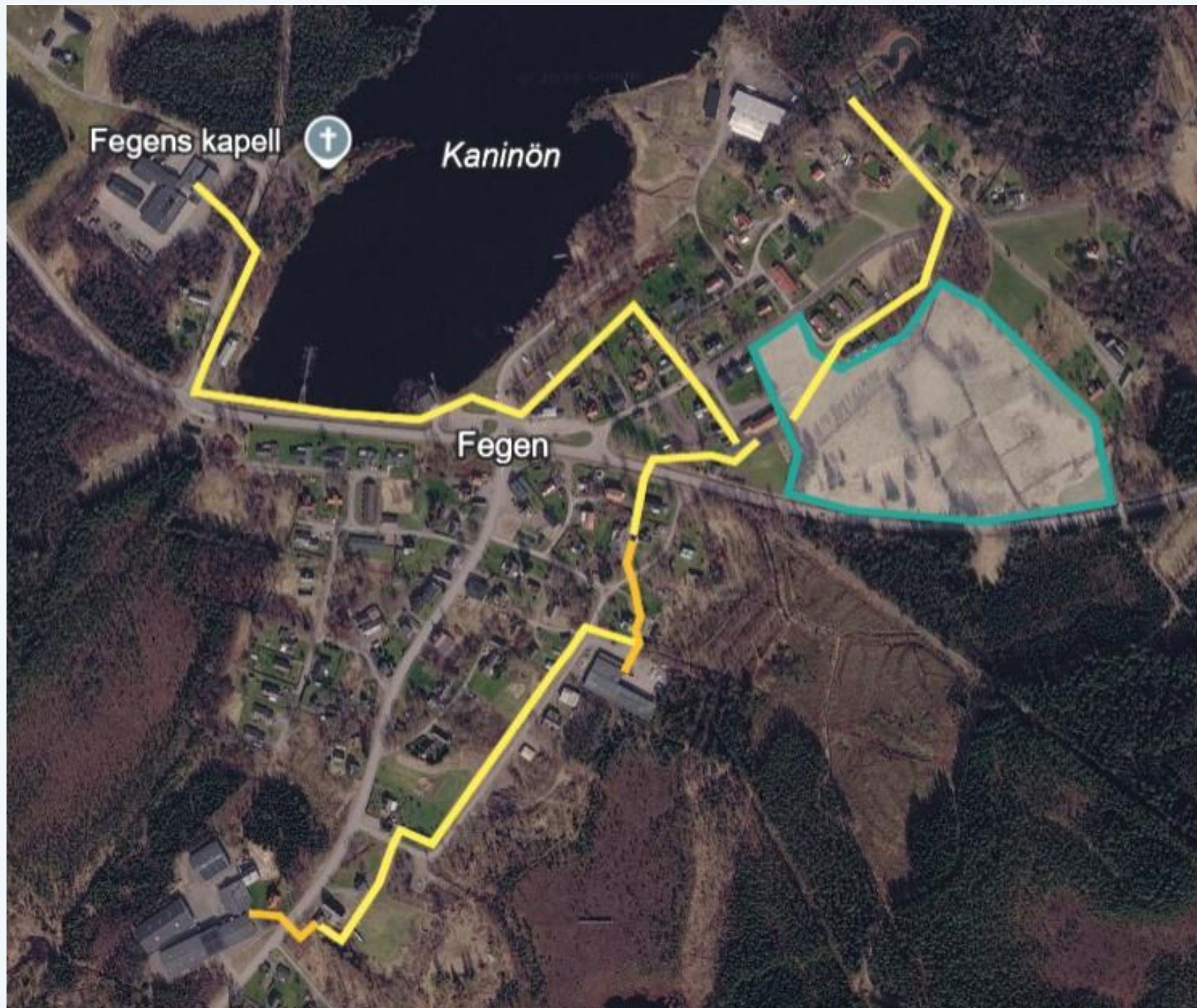
Step 2 — a DC backbone through the village



Step 3 — room for the agrivoltaic solar park



Step 4 — village hall, water works, sewage works, fire station, hostel and kiosk



Thank you — let us stay in touch



Connect on LinkedIn

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Energigemenskap Fegen