



PowerCell Group

Powering AI Infrastructure with Clean Energy for a Sustainable Future

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Headquarters in Sweden Global presence



Leading fuel cell technology built on 25 years of R&D & IP

Spin-out from the Volvo Group in 2009

Listed on NASDAQ since 2014

Driving business with strategic partners

Development & production according to industry standards



Marine

 Passenger Vessels

 Fast Ferries

 Cargo Vessels

 Large Yachts

Power Generation

 Prime Power

 Back-up Power

 Peak Shaving

 Shore Power

Off-Road Rail

 Material Handling

 Mining Equipment

 Agricultural Machinery

 Heavy Equipment

 Rail & Locomotive

Aviation

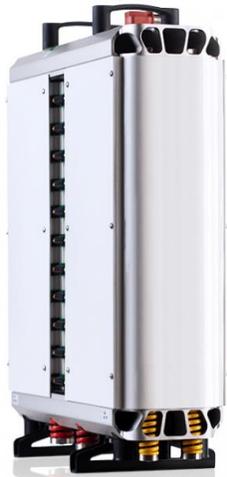
 Passenger planes

 Drones

 eVTOL

Products

Fuel Cell Stacks



S2 Stack

3-35 kW



S3 Stack

75-125 kW



HDS300

300 kW

Products

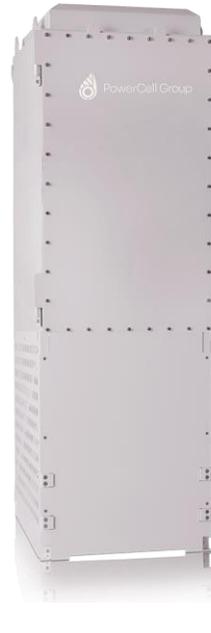
Fuel Cell Systems



Power Generation System 5



P System 100



Power Generation System 200



Marine System 225



M2Power 250

Projects & Customer Cases



Hitachi Energy
400 kW–MW



Mobile Event Power
20 kW



HiWhYV (preliminary)
190 kW



Telia
10 kW

Backup Telecom Critical infrastructure

- New needs in society
- PTS & MCF - From backup in 1-4 hours to 7-10 days
- Increased self-sufficiency
- Energy transition - from fossil to fossil-free



Nyhetsstudio

🔗 [I går, 09:27](#) - NTB

Tusener fortsatt uten strøm etter ekstremværet Amy – 200 basestasjoner nede

Over 4300 kunder er fortsatt strømløse etter ekstremværet Amy, de fleste i Trøndelag og på Sørlandet. 200 av Telenors basestasjoner er også nede.

Det viser en gjennomgang som [Aftenposten](#) har gjort av strømbruddskartene til nettselskapene mandag morgen.

På det meste var 12.000 kunder uten strøm.

Ifølge nettselskapet Lede, som dekker Vestfold og deler av Telemark og Buskerud, vil de fleste av deres kunder få tilbake strømmen i løpet av dagen. Rundt 2500 var fortsatt strømløse søndag.

Selskapet opplyser at de har jobbet kontinuerlig med reparasjoner siden lørdag morgen, men på grunn av de omfattende skadene har de ikke rukket over alt ennå.

Flere mistet også mobildekningen. På det meste var over 600 av Telenors nesten 9000 basestasjoner ute av drift. Mandag morgen var dette redusert til like under 200, opplyser dekningsdirektør i Telenor Bjørn Amundsen.

“Off-grid Roslagen”

PTS finances project

Requirements: 10 days, preferably 90 days

Hydrogen production on site

Site: Telia

Larger reference group



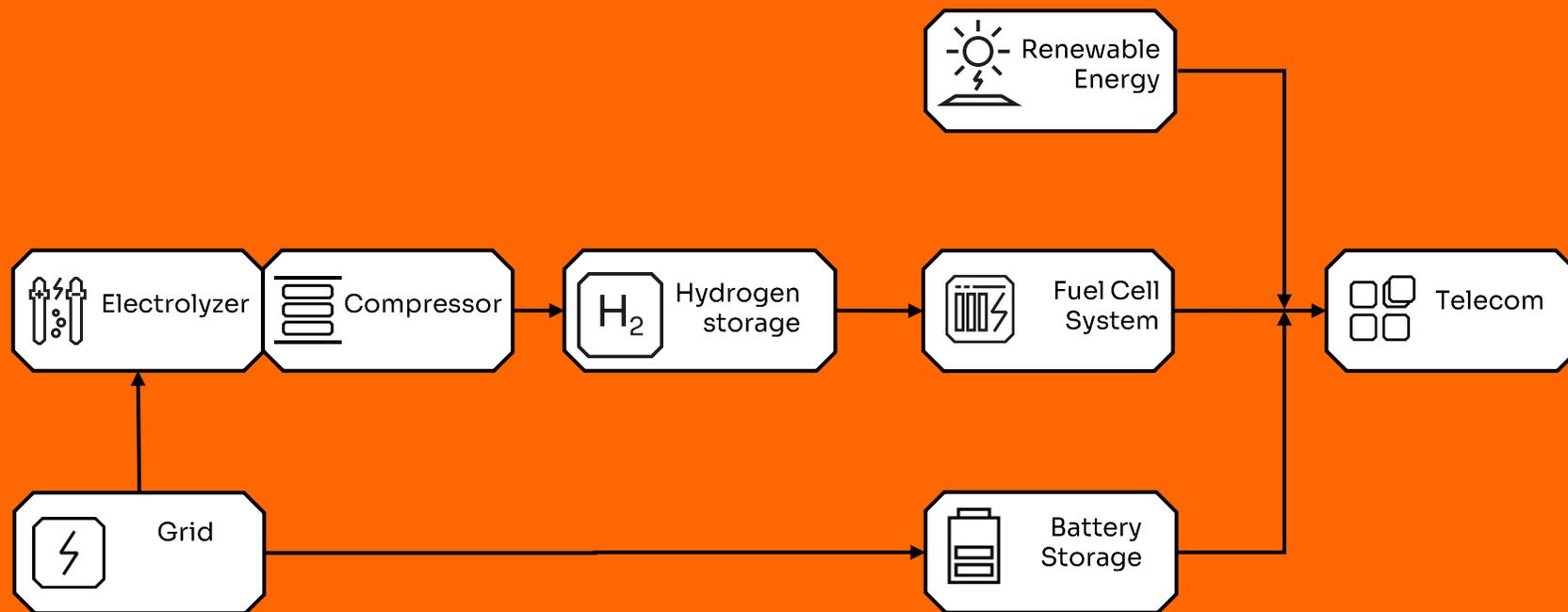
Project “Offgrid Roslagen”

- Test and demo of environmentally friendly solution for backup
- Increased self-sufficiency
- Hydrogen-based fuel cells, solar panels, batteries
- Hydrogen production with electrolyzer
- Management of regulations, permits, etc.
- Exchange of experience within the industry



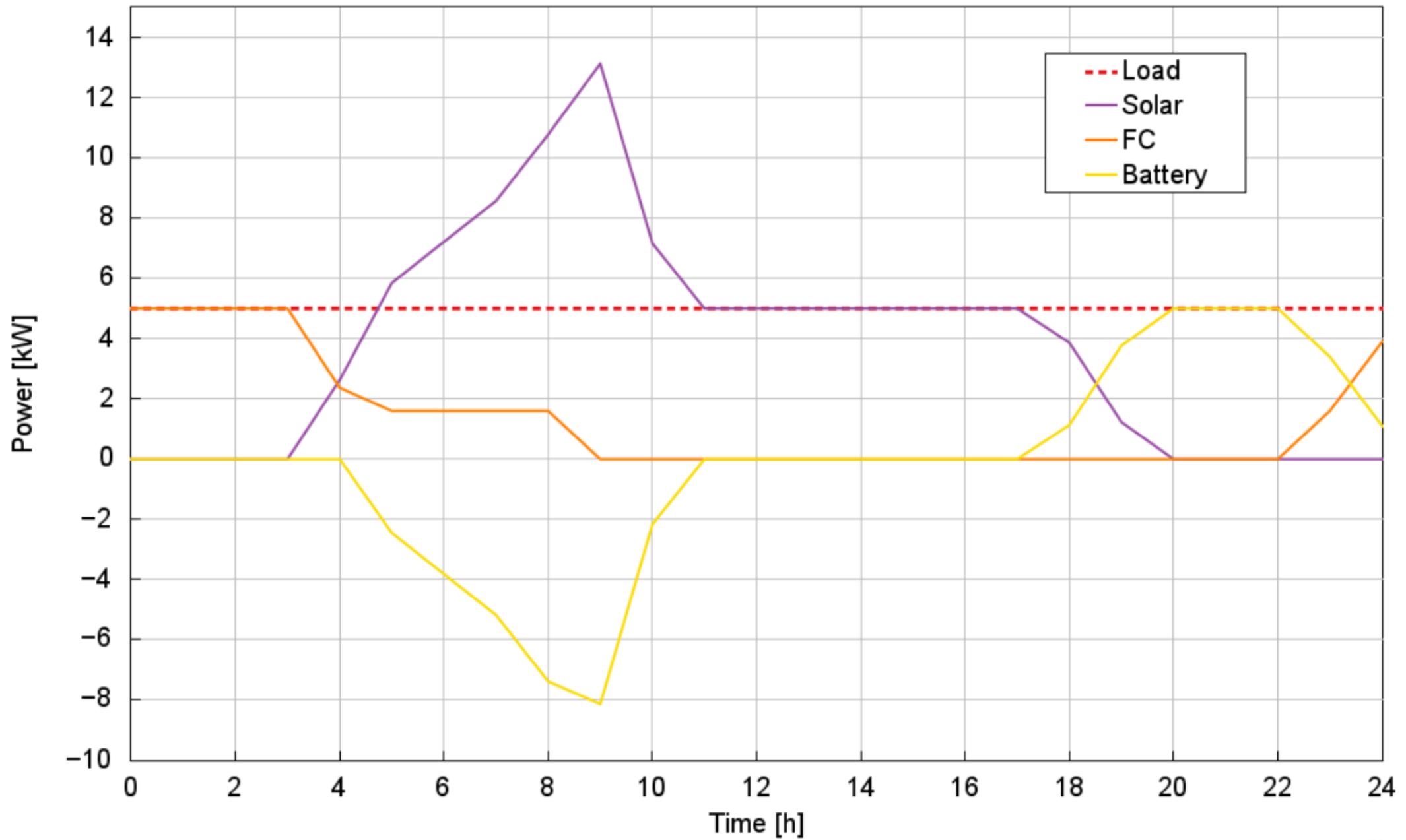


Systemuppbyggnad

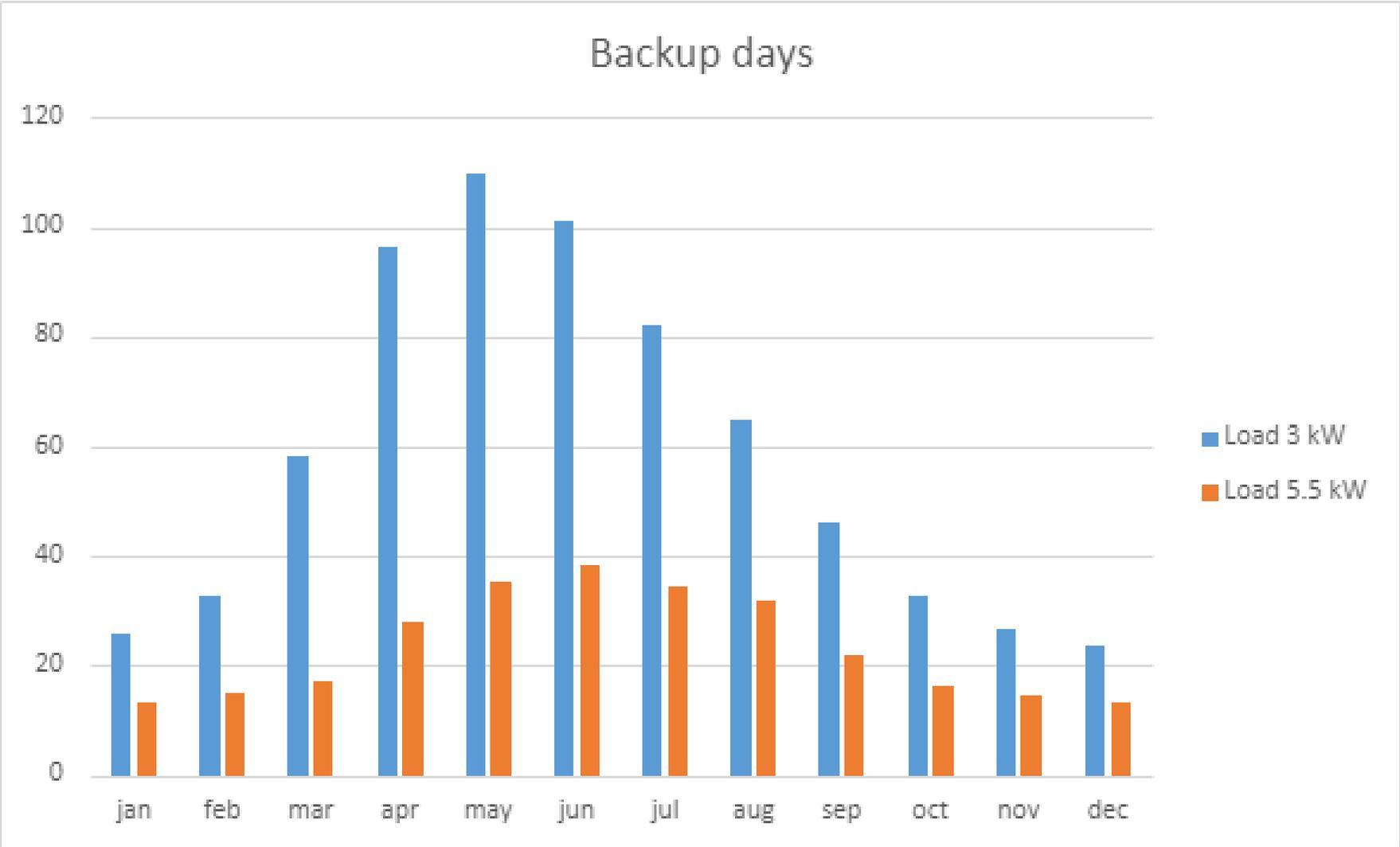




May 20 - Load 5 kW



Backup-prestanda



Experiences from the project

- Easy to handle 10 days of backup
- Expensive and difficult with hydrogen production on site
- Installation time must be shorter
- Concept needed for volume and efficient management of permits
- Fuel cell a good alternative for high demands on backup
- Energy storage for urban environments exists.





NEXT STEP !

Backup telecom NextStep

- The Swedish government has decided to strengthen the backup performance of telecom antennas from 1-4 hours to 10 days.

Gotland is done, the rest of Sweden remains.

5000 antennas in countryside.

5000 antennas in cities.

The work should be completed by 2030

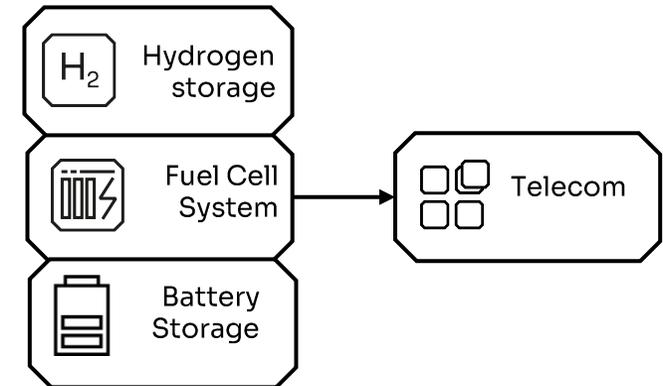
- Project SWEN
- Green transition is happening now
Diesel is not the future, big business risk.



Next step - Action now

- Green transition is happening now
- Time is critical
- Build your own experience
- Make a plan

- Technology is the solution not the problem
- Fuel cells and batteries are available
- New energy storage for urban environments are available
- Political and financial support is available



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