



E-Mobility: Solving increased High Energy Demands

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Go Green, Go Electric!

Sabrina, the CEO of a Mid-sized company.

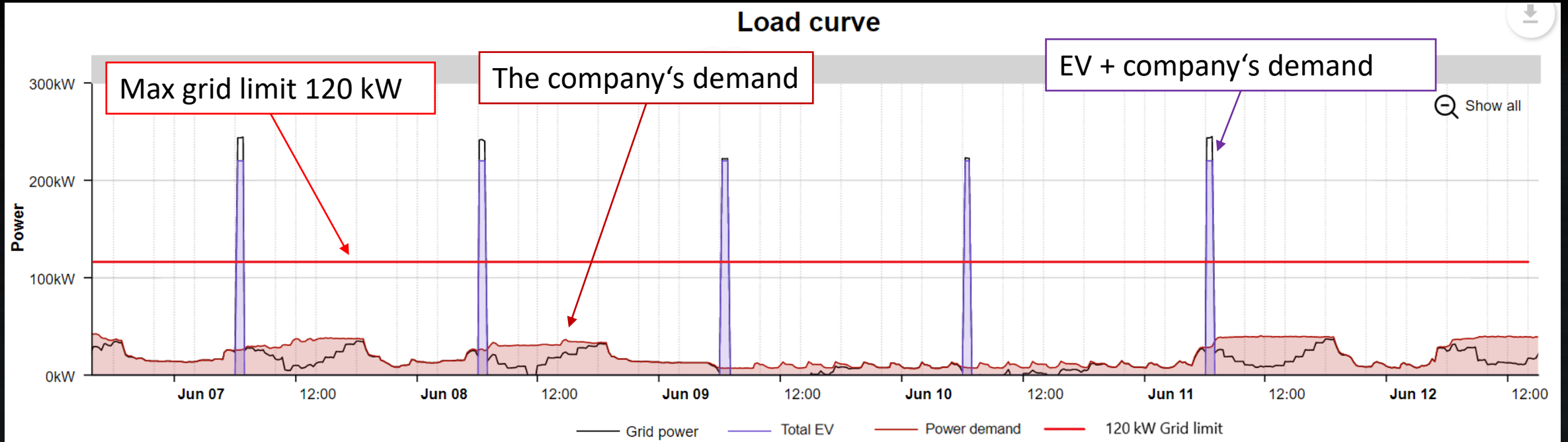
Her Motivation: Go Green and innovative

Her Vision: Sustainable green company



What did happen?

- High electricity demand
- Overloading the grid network



How to solve Sabrina's problem?

There is a problem that can be solved by either:

1. Expanding the grid limit
2. Forget about "Future Mobility"!
3. Having a battery storage system

To **Go Green** and to **Go Electric**,
we need first to **Go Smart**!



Why **Xelectrix** Storage System?



Optimizing the PV System



Managing and controlling the EV charging stations



Combining several applications in one unit



Decrease the cost of electricity



Decrease EVs' CO₂ footprint

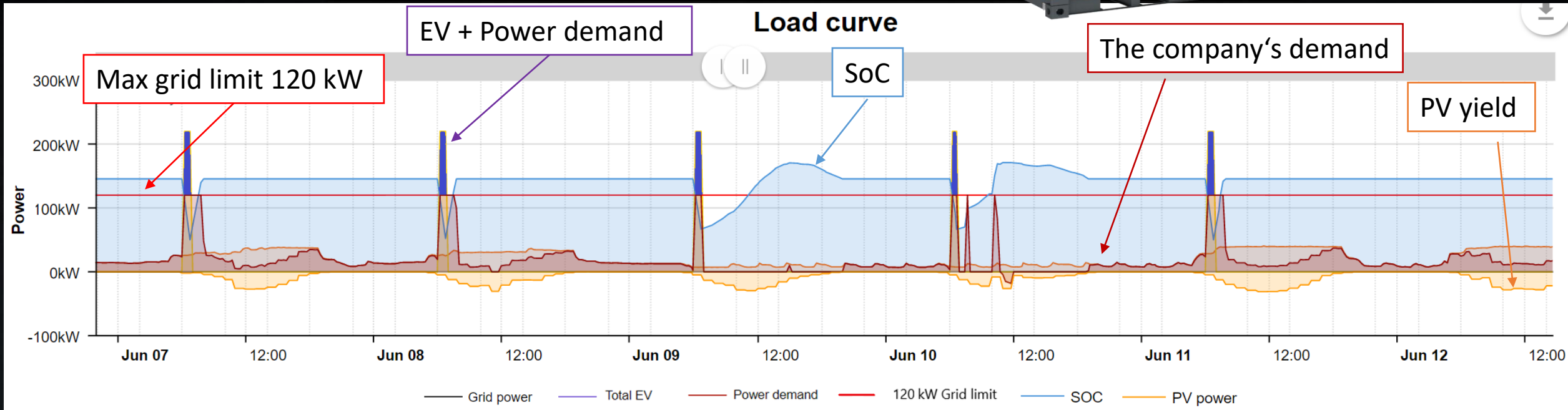


Reduce the electricity grid congestion

xelectrix Power: from planning to commissioning

Ca. 70%  CO₂ reduction

XPB-U150-180-M10



A real “Sabrina” example is UPS in EXPO Dubai 2020

Solution

Unlimited XPB-U80-200-M10

80 kW Power

200 kWh Battery Capacity

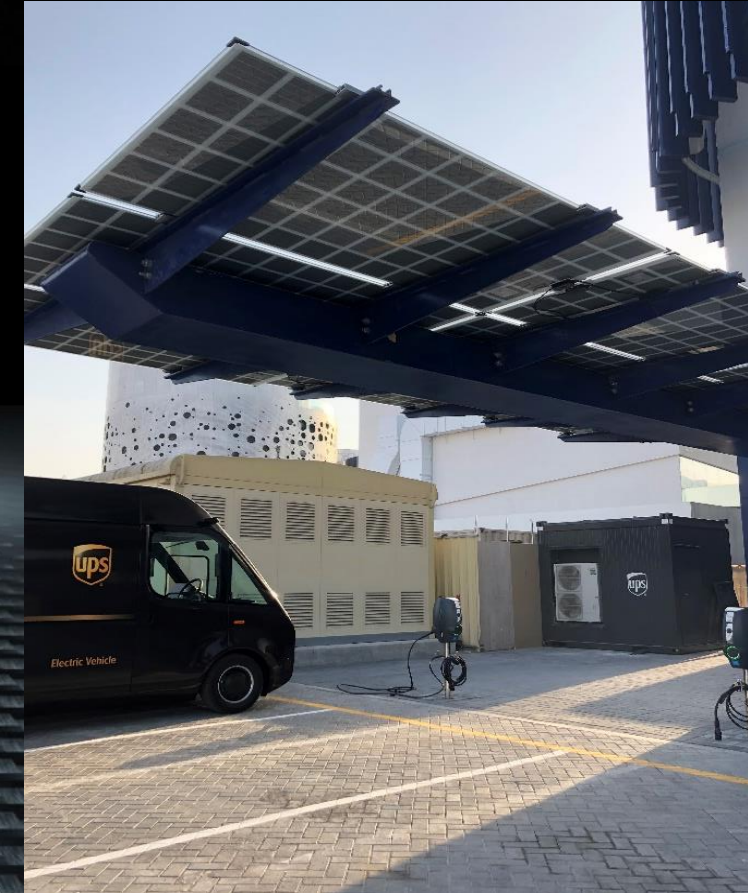
42 kWp PV System

6x EV charging simultaneously

100 % CO₂ Free



100 % Self-Sufficiency



Another Sabrina case is the Gotthalmseder Solar Park in Austria

Solution

XPB-U250-360-M40 Container

250 kW Power

360 kWh Battery Capacity

200 kWp PV System

PV Optimization

Backup

EV Peaks shaving





Thank you for your attention

* For more information, please visit xelectrix Power website: xelectrix-power.com