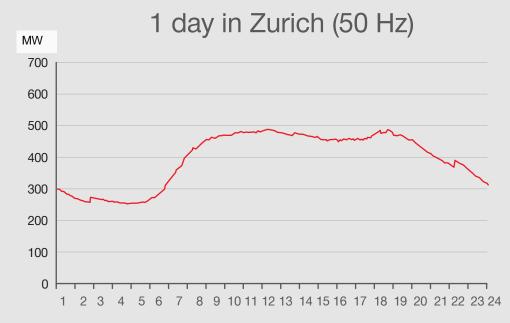
## Load Management – Smart Grid at SBB.

November 2021

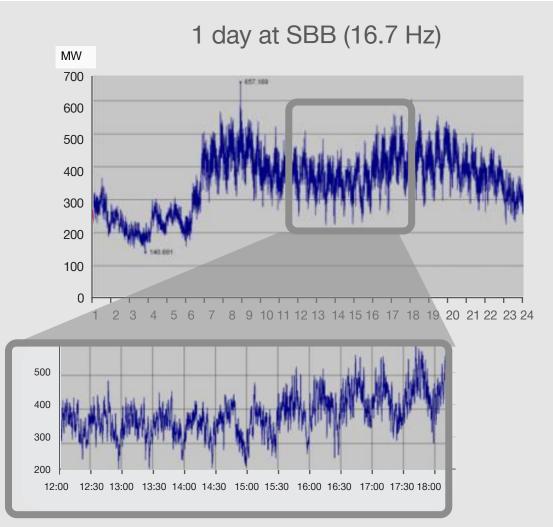
Markus Halder, SBB Energy

SBB Infrastruktur E

## The challenge. Dynamic load profile with short-term load peaks.

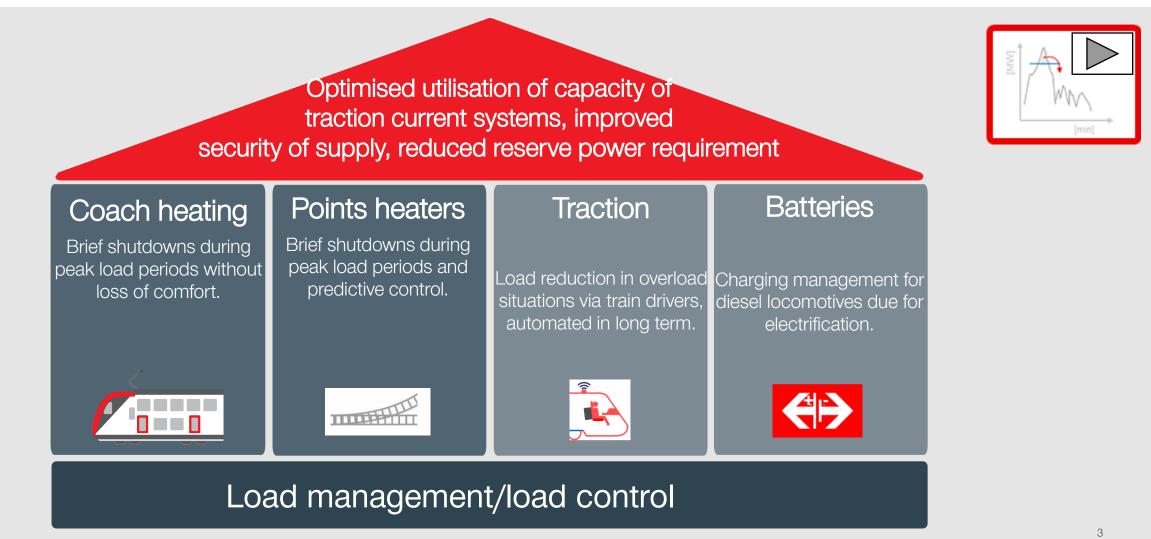


Load dynamics	Zurich city	SBB
Daily:	up to 250 MW	up to 500 MW
15 minutes:	up to 35 MW (7% of maximum load)	up to 300 MW (50% of maximum load)



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## Load management: SBB uses digitalisation potential via smart influencing of consumption demand.



## Here's how load management works with heaters.

