

Home Batteries



What and Why?

Some brief notes...

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Storage - You Already Have Some!



You already have storage for food, clothes!

If you have a water tank you store heat.

You have gadgets with batteries too!

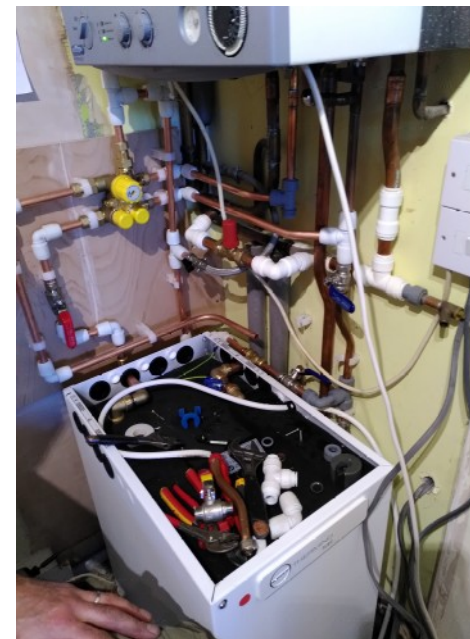
Types of Home Storage



You can store electricity directly off-grid or from solar PV.



You can have “AC-coupled” batteries for mains and separate PV.



You can store heat in a tank or a “heat battery”.



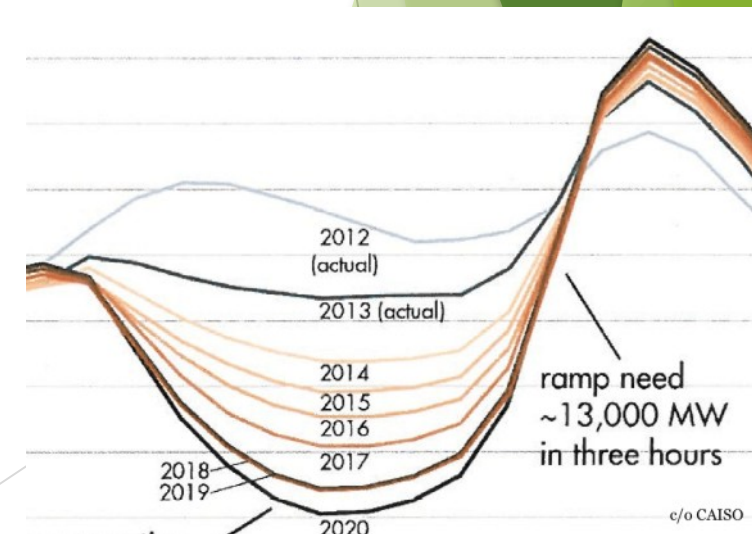
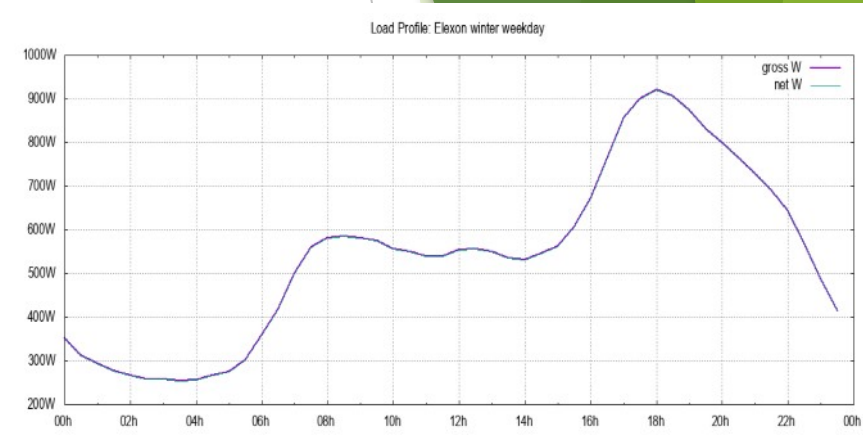
Why Have Batteries?



To get to Net Zero the grid needs more storage – you can help!

Improved “self-consumption” from solar PV is good.

Will it save you money – maybe, though likely not.



Technicals, Safety, etc



Power (kW) vs energy (kWh).

3kW covers a kettle, 5-10kWh is a day's use.

A battery is a big energy store, so be careful,
but insurers may not like it outside.



Questions and comments