



Illustrative residential load shape

Source: DOE Energy Information Administration

Variablegrid is aware of total available power when other appliances turn on and off, continuously in real time.

This is the reason it presents a zero calculated load to the panel. It's also the reason it can use the entire panel's available power (within its rating limits.)

It's also the reason it can overload a panel far in excess of competing technologies and reuse existing itsfeeder wiring.