



Solarsense



Helios House • Brockley Lane • Backwell • Bristol • BS48 4AH



ELC54057
Solar Photovoltaics Systems
Solar Heating Systems
Solid Bio-fuel Heating Systems
Heat Pump systems






SMART SOLAR SYSTEMS



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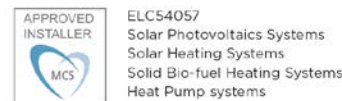
Bath & North East Somerset Council Climate Emergency Study: Synthesis of Evidence

- **Energy use in buildings: 66%** and 507,808t/CO₂e/yr, consisting of emissions from - Homes: 38% of the total and 293,585t/CO₂e/yr - Non-domestic buildings: 28% of the total and 214,223t/CO₂e/yr.
- **Transport: 29%** and 216,110t/CO₂e/yr.



Energy Market Disruption

**Moving from
Extraction and exploitation to
Creation and freedom**



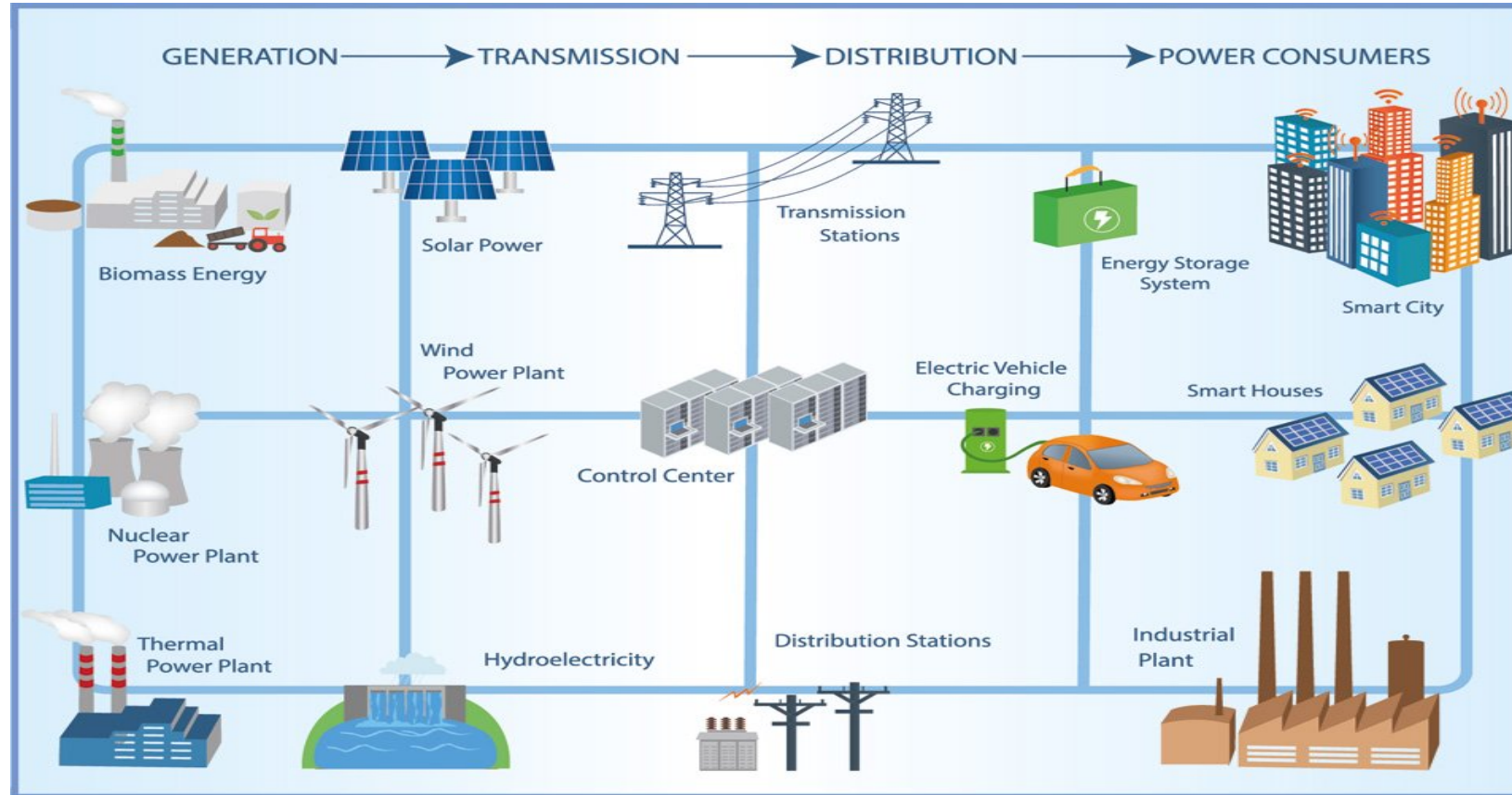
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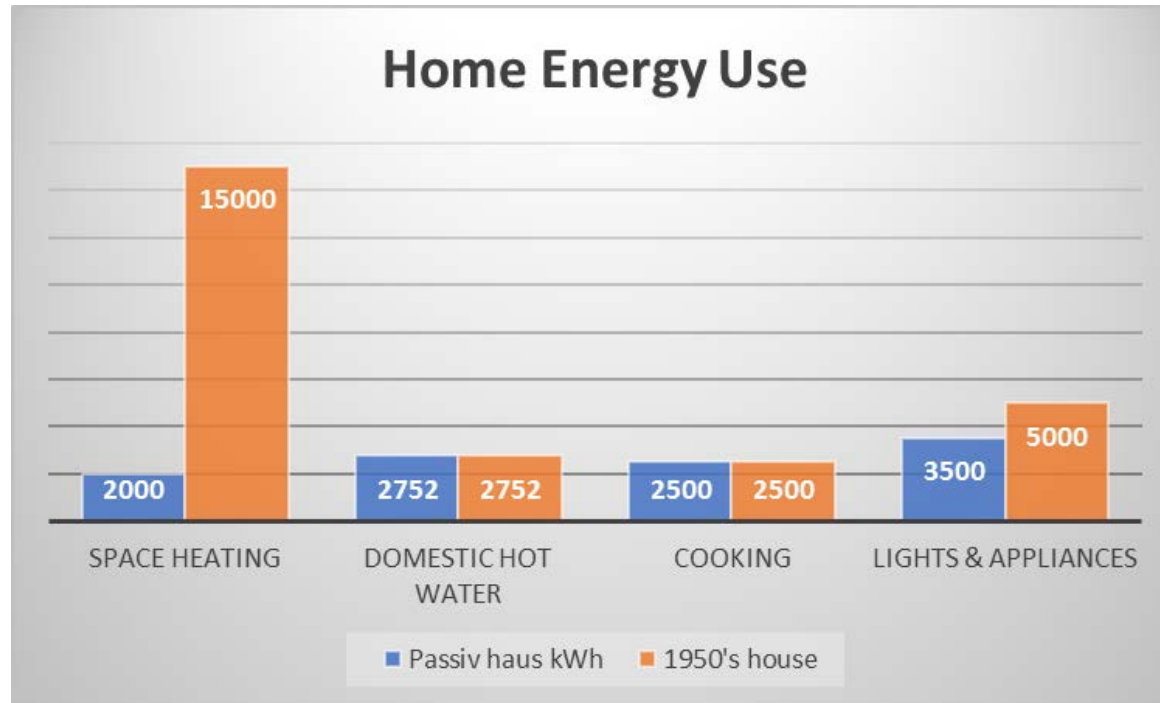
each installed with Tesla Powerwall and solar panels

Smart Local Energy Systems





Typical Home vs Future Home



Most homes

Heating & hot water with

- Mains gas
- LPG
- Oil

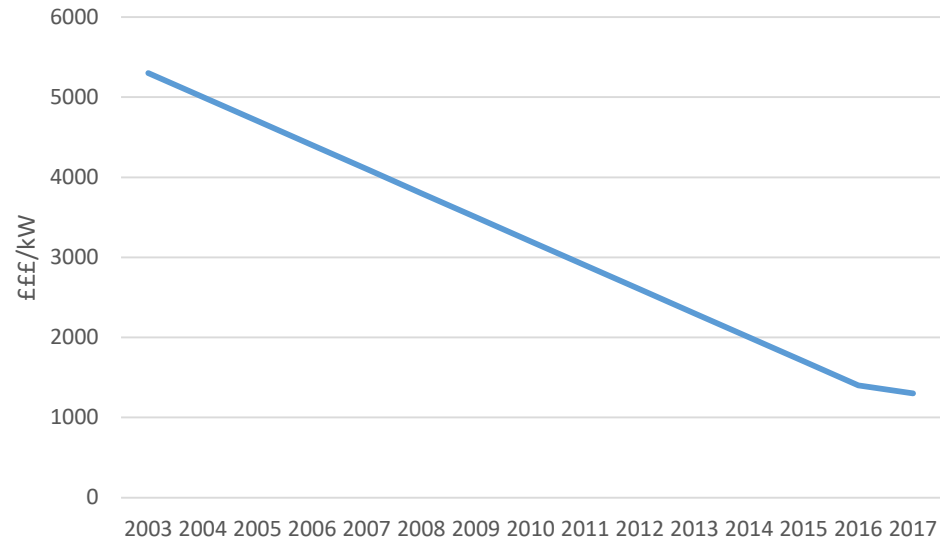
Cooking with

- Mains gas
- LPG
- Oil

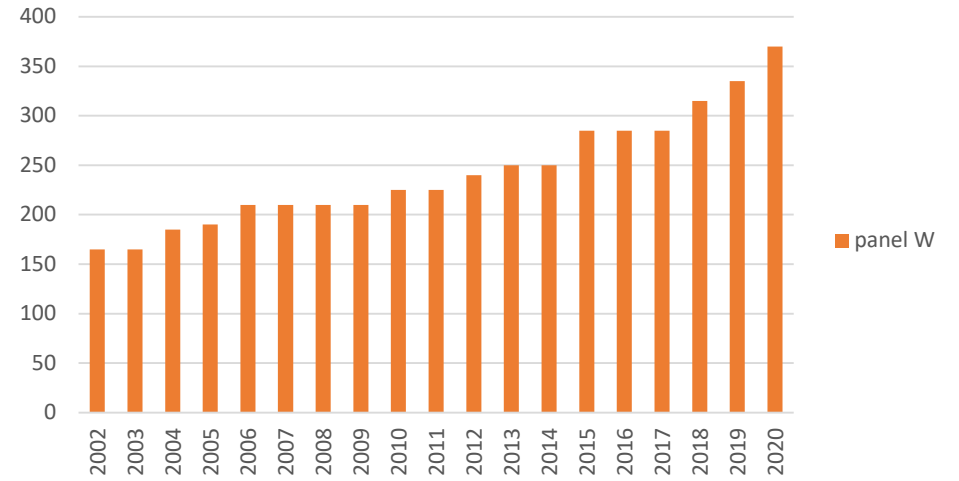


Price & Power of Change

cost/kW since 2003

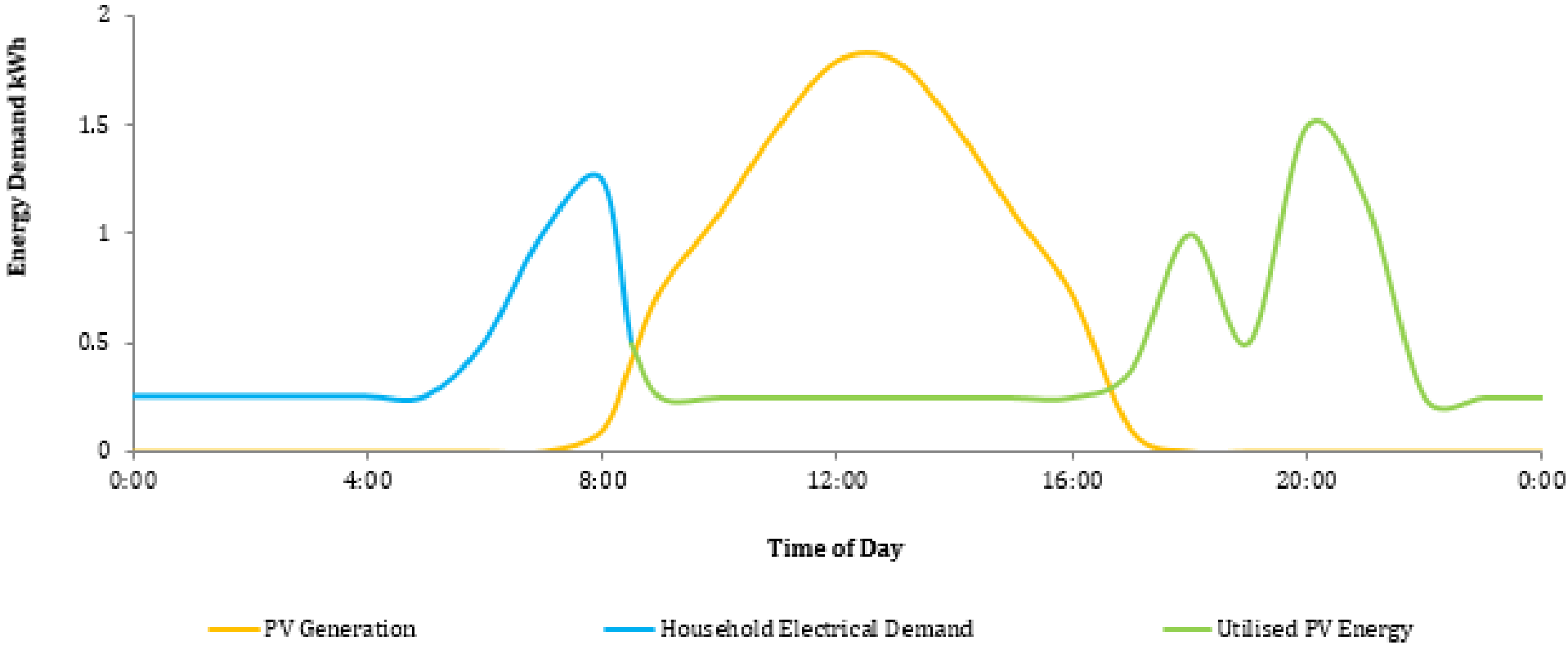


panel W





Domestic load profile



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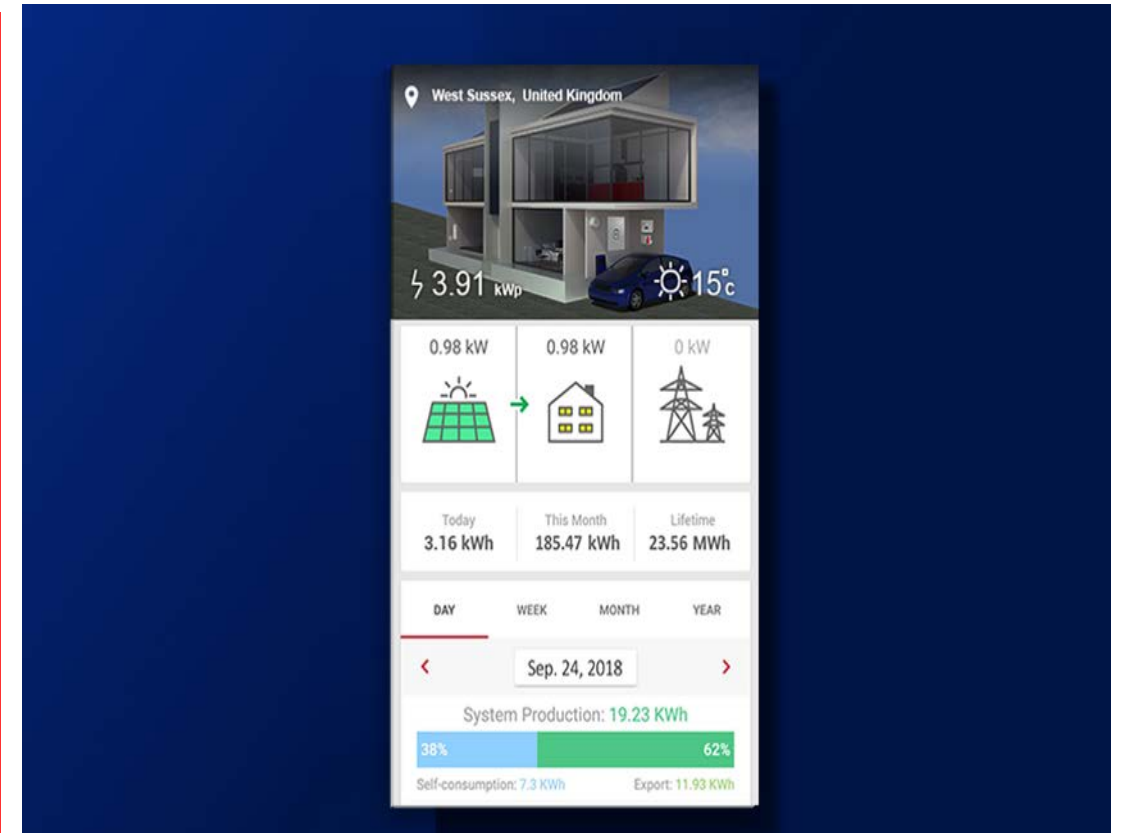
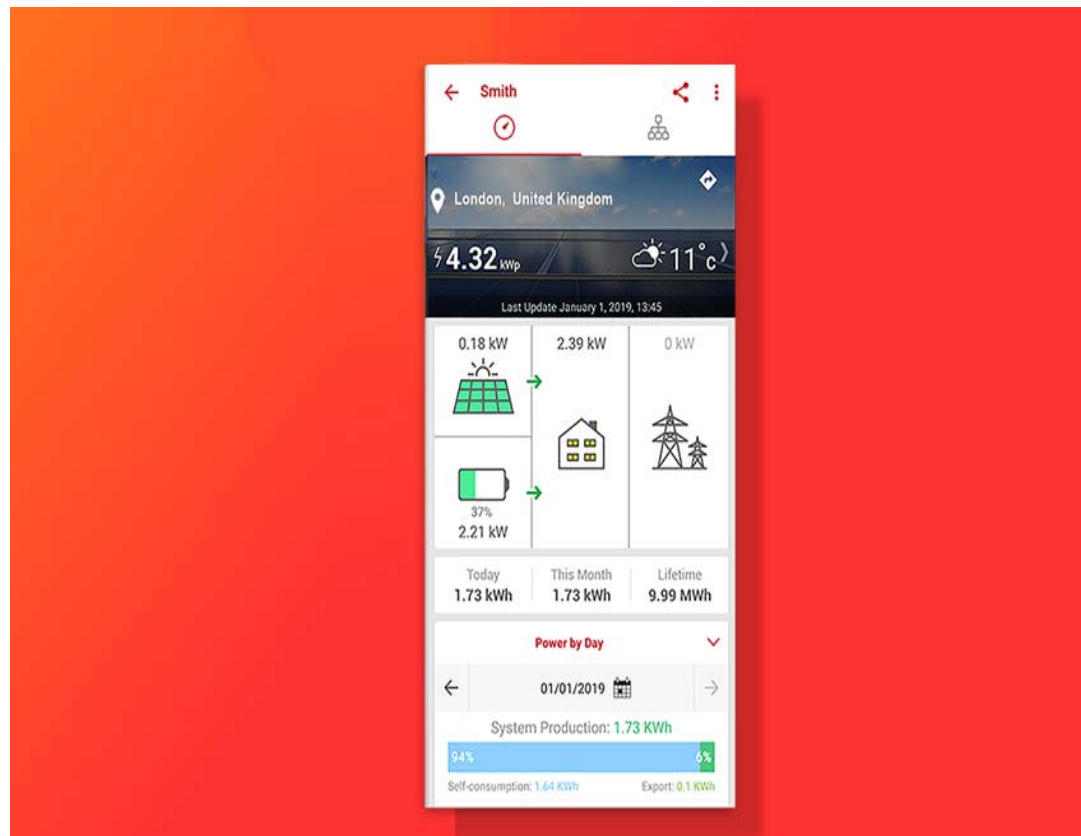


Immersion controller –

Apollo or iBoost
diverts spare electricity to your
immersion
heater to provide hot water



Full visibility of technical & financial performance of each panel





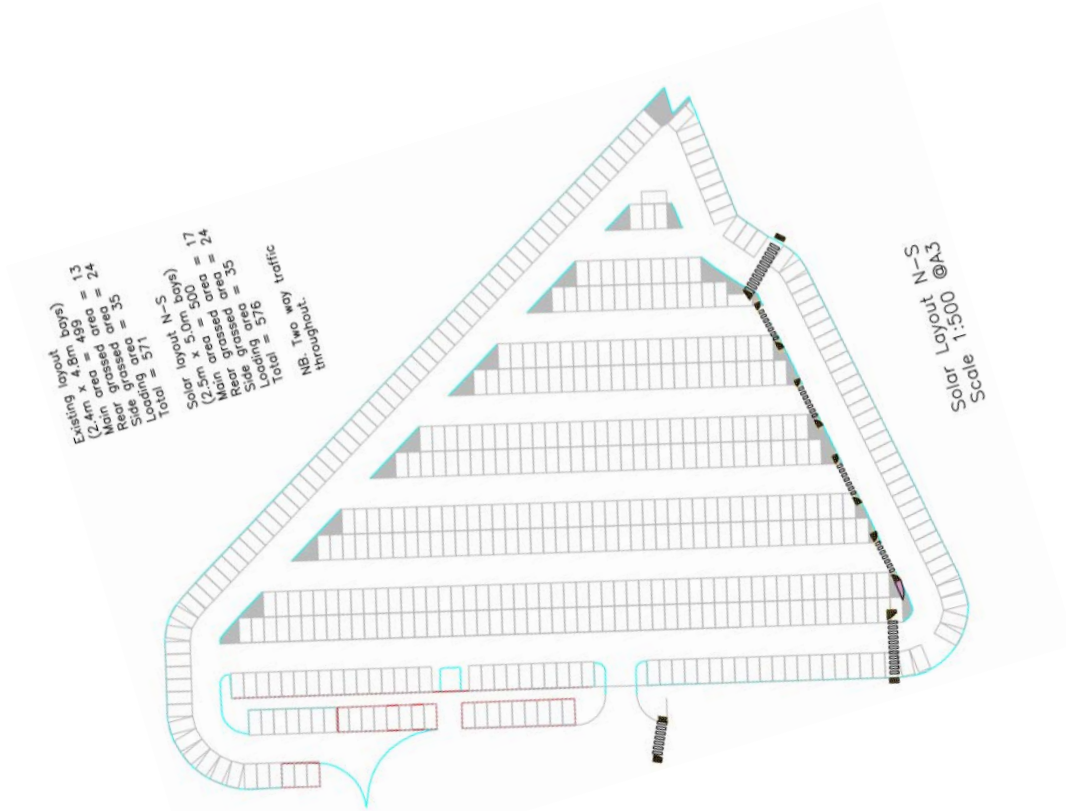
solar **edge**



World's first EV charging solar inverter

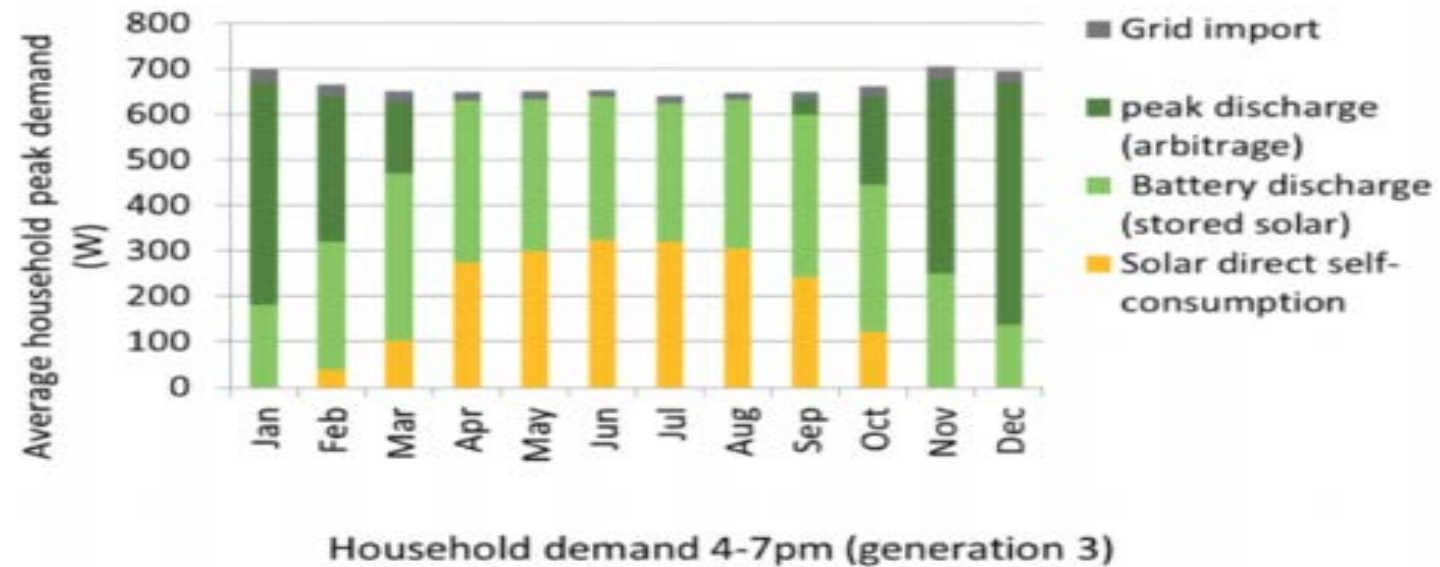


Solar Car Port



STA Report

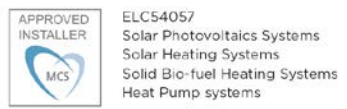
Figure 8: Monthly Household Peak Shaving: Generation 3



Monthly household peak shaving for Generation 3 homes. Image: STA



The future is here.....nearly



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