

The team

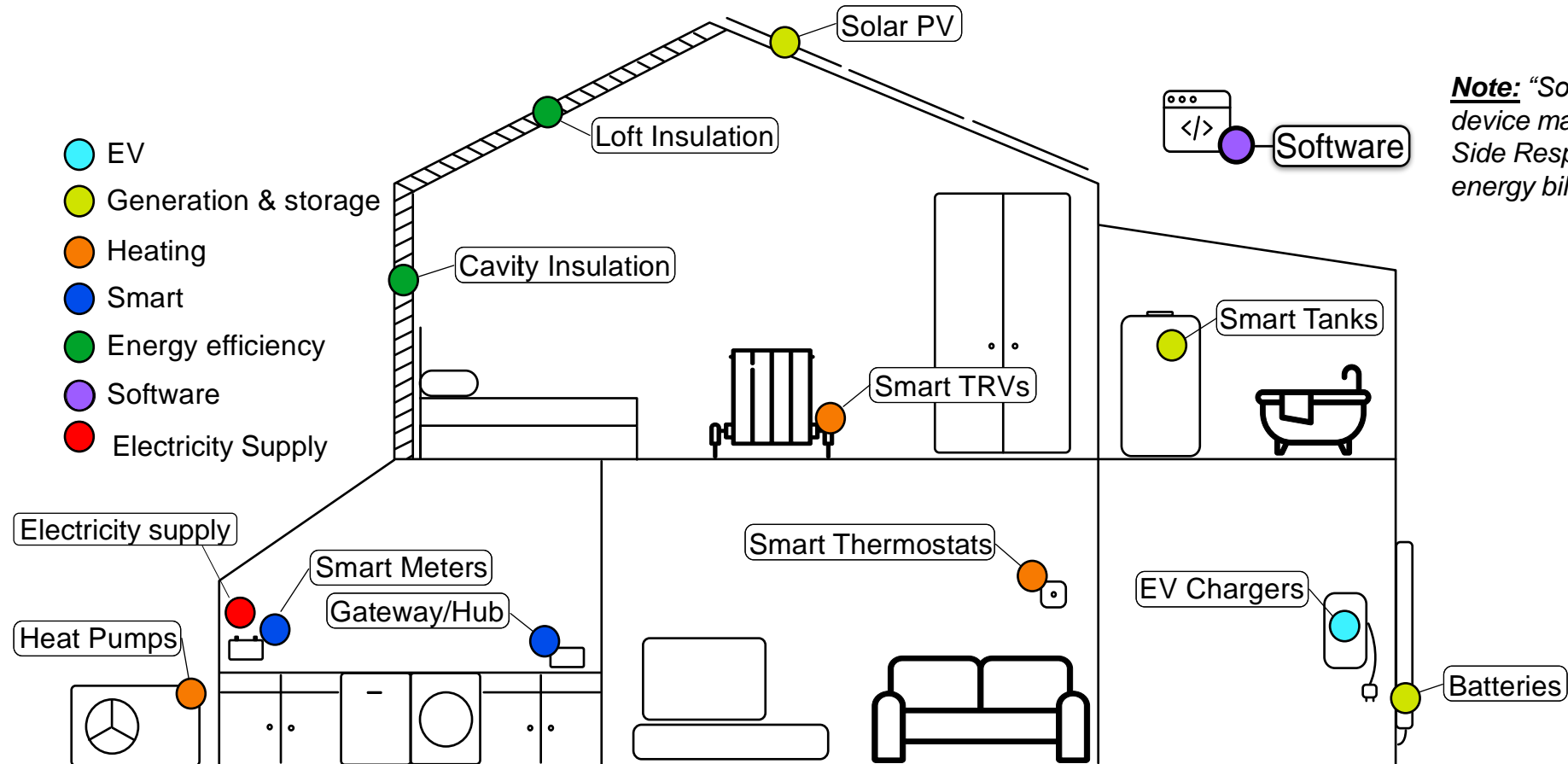


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Senior BDM PH Jones



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Senior BDM Hive DSR

More than one way to net zero



Note: "Software" covers UI/UX, device management, Demand Side Response & optimisation, energy billing engines and CRM

Low hanging fruit



Photovoltaic diverters (PVD)

Diverting surplus generated energy to be converted to hot water

PV optimised controls

Maximising self consumption of generated electricity

Upgradable cylinders

Supporting no regrets decision making

Electric shower removal

Enabling residents to maximise the usage of low cost water from the main system

System design temperatures

Optimising system efficiency and compatibility with current and future solutions

Demand side response

Turning a group of individual technology measures into one solution

The Intelligent Energy Platform

May 2023

British Gas
ZERO



The Energy System is changing the needs of consumers...and vice versa



Centralised Energy System



Decentralised Energy System



Digitised Energy System



A Pathway to Net Zero



Consumer



Prosumer



Home Energy Management



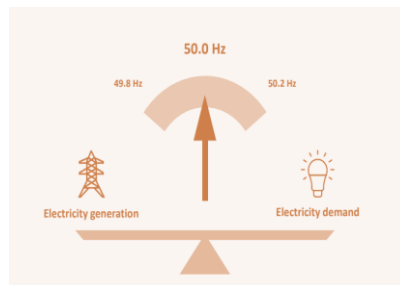
Why Demands Response ?

Low carbon solutions are intermittent
Low inertia onto the grid
Requires grid reinforcement
Carbon trust estimate that it will cost us £5bn additional to reinforce the grid without DSR.
DSR is the smart way to save on total energy costs and reduce overall carbon footprint

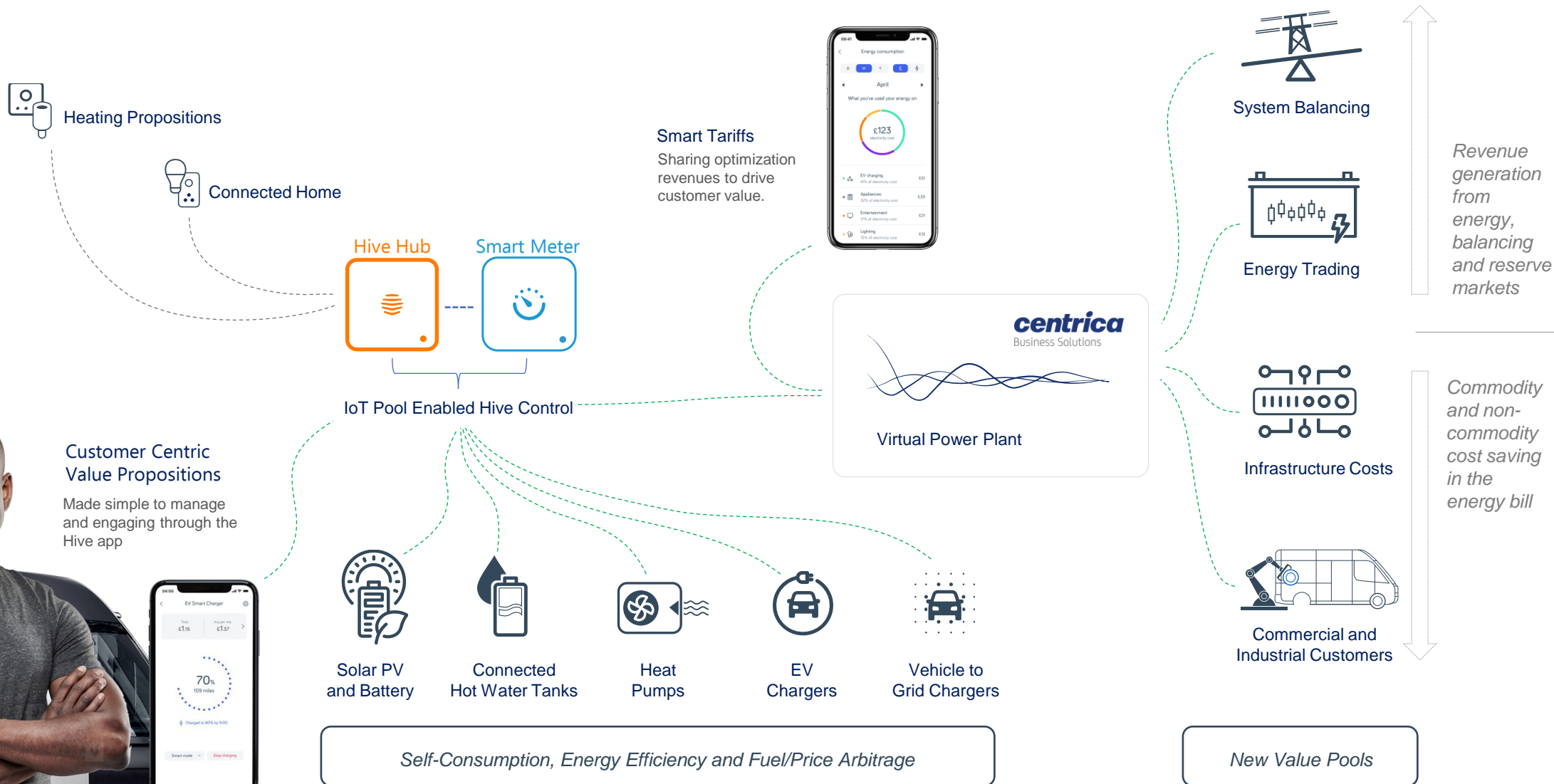
Demand side response opportunities

We believe that demand side response (DSR) has a vital role to play in the evolution of electricity markets.

- DSR gives customers more insight and therefore more control.
- DSR helps to reduce costs across the energy supply chain.
- Security of supply is improved by enabling everyone to make better use of alternative energy sources



Residential DSR will bring together in-home devices, energy supply and access to energy markets through Centrica's VPPs



What are we doing?

Rewarding West Midlands residents for helping to keep the lights on

2 year trial, providing 1 MW of electricity to National Grid



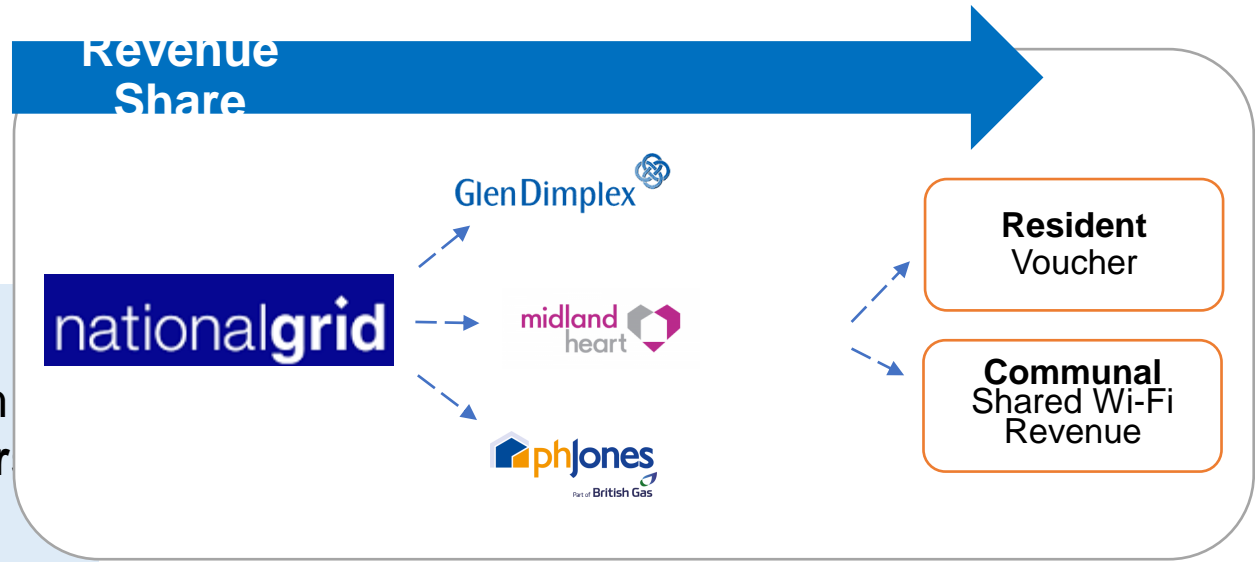
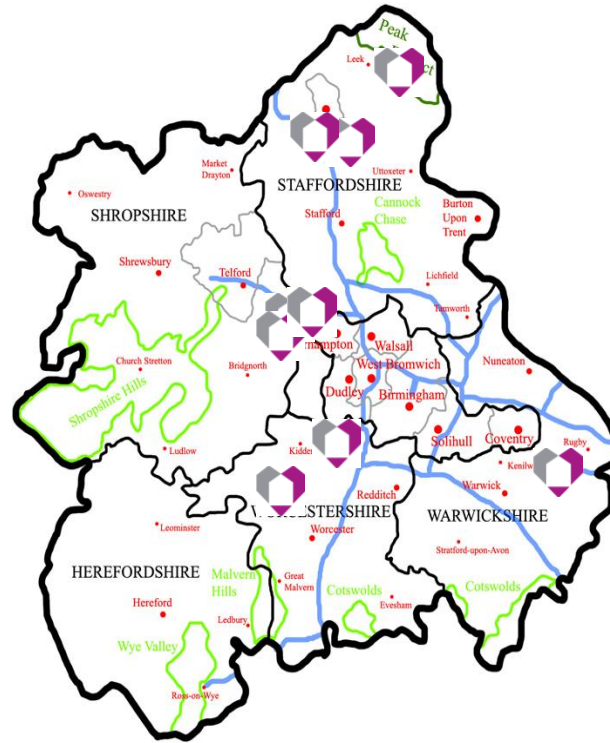
613 heaters

160 homes & residents

9 locations

Results

- Storage heaters participating in Balancing mechanism
- **Show no impact on comfort for residents and users**
- Next step – extension of tariff options beyond E7



Smart Storage Heater tariff?

First of its kind optimised smart tariff for your storage heater.

Built in collaboration with British Gas offering **lower rates than Economy7 tariffs, all from 100% renewable electricity.**

12 month fixed tariff with free smart meter providing accurate billing, usage tracking and future proofing.

All supported by British Gas customer service.

Register interest to find



Dimplex

Dimplex Quantum
Tariff solution

In partnership
with:

centrica

British Gas

phJones



How we will support you?

- Advice on the specification of Quantum heaters, Hub and the Dimplex Quantum tariff.
- Support upgrading existing Quantum heaters to be supported by this new offer.
- Holistic labour solutions.
- Marketing collateral to support messaging to your customers.
- Support along the way from the Dimplex technical team and British Gas tariff/smart meter teams.



What are the benefits?

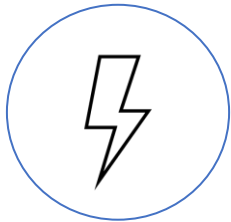
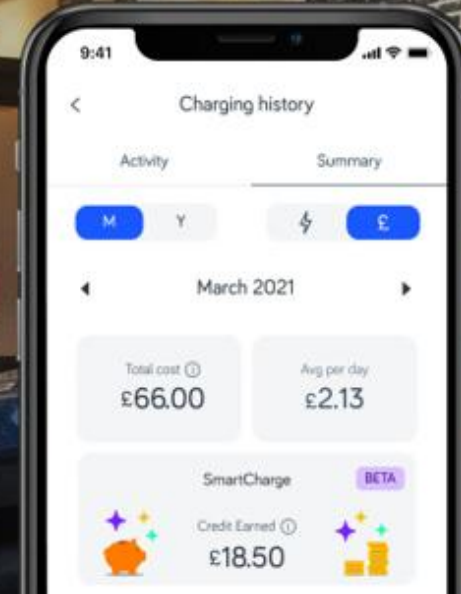
- Better energy rates for residents
- Bringing Economy7 tariff into the modern smart tariff space
- Future-proof technology with smart meter to access smart tariffs as they develop in the future
- Quantum gives more control for the customer, and can improve the EPC of your building
- Visibility and control of energy use through App
- Peace of mind from locked in rates (12 months)
- Significant carbon reduction – zero carbon tariff



HIVE EV SmartCharge

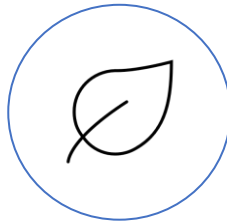
The smarter way to charge your EV

Got a smart meter, Hive EV Charging and a British Gas electricity tariff? Just enable the FREE SmartCharge feature in the Hive app to start saving today.^[1]



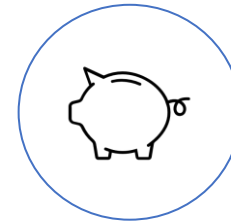
Balances the grid

SmartCharge schedules your charge at the quietest times on the grid



Helps the environment

Save about the same CO2 in a year as two fully grown trees absorb



Saves you money

Charge at cheaper energy rates and get money off your energy bill



Get Ready for the Flex Revolution

- Making sure that all newly installed assets are connectable
- Optimisation across usage
- Clients are they on the right tariffs
- DSR is not possible without consent
- Discussing with the residents association
- Right meters – Smart Meters/ Economy 7 meter
- Decentralised energy
- Home Energy Management systems
- Synergy between technologies



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Thank you

