



FLEX-ABLE

Load Aggregation & Flexibility Services

WHO IS FLEX-ABLE

FLEX-ABLE is a specialist company that performs a broad range of electric load flexibility services within the electricity sector.

We specialise in the management of existing load resources to help navigate challenges or constraints presented to the electricity grid from population growth, electrification and decarbonisation goals. We have management services that cater to the System Operator, Energy Retailers, EDBs and the end power consumer by enabling and incentivising smart, efficient and coordinated use of energy resources.

Our key point of difference from competitors is that we had the insight to invest and develop early and this translates into real world operational experience. We know how to engage with the end user and our products incentivise Demand Response through direct end user benefits.

At **FLEX-ABLE** we are focused on the management of energy resources to provide robust customer solutions while empowering a critical part of the transition to a low carbon grid.



Irrigation Load



HVAC Load



Storage



EV's



Transmission



Distributors



Industry



Retailers

SYNERGY RANGE

The **Synergy hardware range** has been designed to interact with our FLEX software system providing a control link for efficient load control and management of energy resources.

Synergy Heat is designed to maximise hot water efficiency while connecting these energy storage devices into the broader flexibility network.

Synergy Irrigation is a specialist system used for the control of Irrigation loads. This device provides smarter and coordinated connection of on farm energy resources.



KEY BENEFITS OF SYNERGY HEAT

Key Features



Improves hot water efficiency and reduces operating costs with "Just in Time" heat optimisation



Automatically shifts water heating to low-cost power periods



Monitoring of water heating operations to help optimise procedures and compliance



Maintenance insights can help reduce downtime



Reduction in carbon emissions



KEY BENEFITS OF SYNERGY IRRIGATION

Key Features



Control irrigation pumps remotely. Turn pumps on and off via text message



Automated interaction with power pricing



Preventative maintenance reports and condition monitoring



Maintenance insights to help reduce downtime



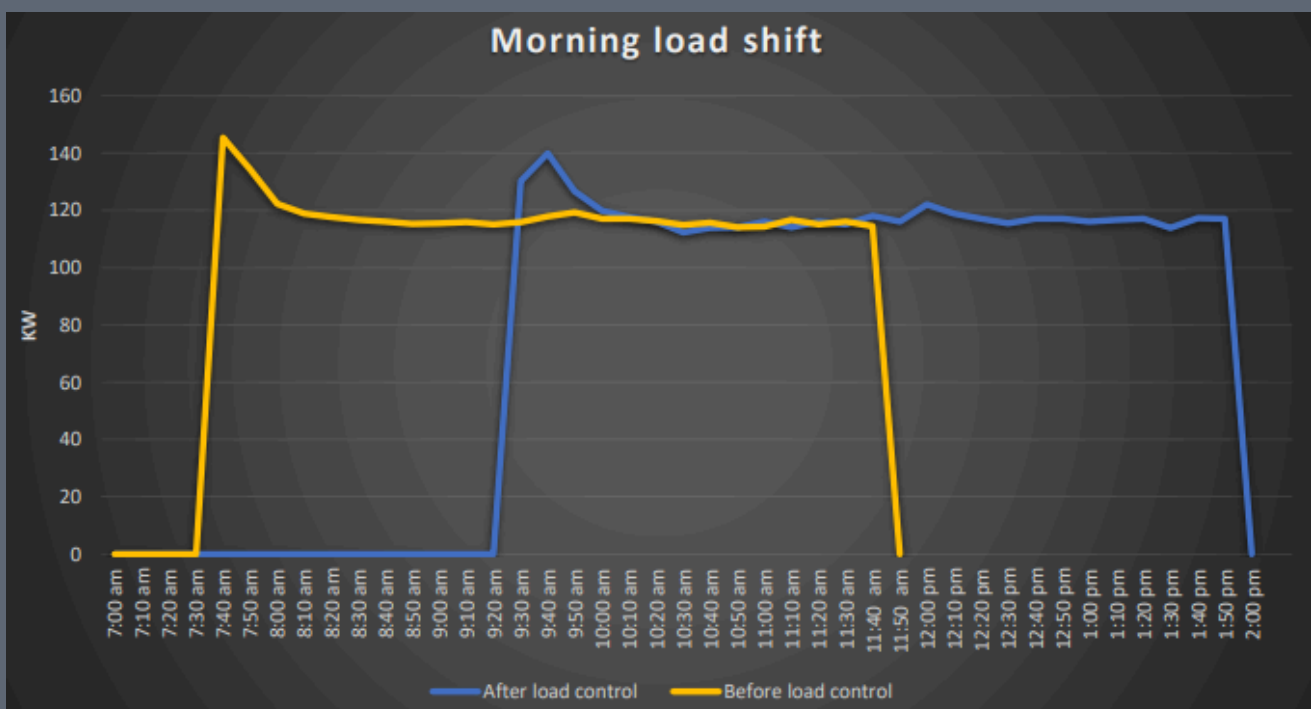
Reduction in carbon emissions when automated to respond to energy pricing and generation signals



REFRIGERATION LOAD

Flex-Able has developed products that successfully manage large refrigeration loads. We can offer flexibility services that help to improve operating costs and provide connection into the flexibility network to gain load control advantages.

Below is an example of morning peak load shift with a 150kW refrigeration load.



A Synergy device discreetly mounted in a control cabinet.



SPECIALIST SERVICES

Below is a few examples of how we can help you wherever you fit into the electricity ecosystem.

NATIONAL GRID SUPPORT



Peak load management services and Demand Response.

ENERGY RETAILERS

Our hardware can automate a coordinated load response to energy prices.



Load control can assist with hedge portfolio management.

Increase customer retention by offering energy efficiency savings to end users.

Help customers with carbon reduction via load shift out of peaks and energy efficiency gains.

ELECTRICITY DISTRIBUTION BUSINESSES

Assist with management of network constraints



Better visibility and control of your network with modern load control systems.

Increased control and visibility of Distributed Generation



Empowering Smart Grid Solutions

 FLEX-ABLE