

# Active Energy Precinct Fact Sheet

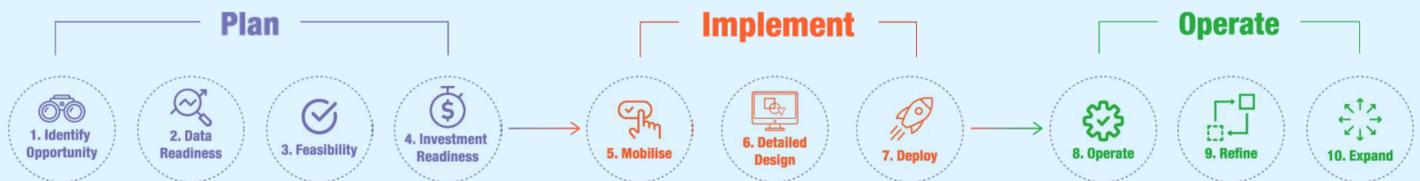
Monash University and Birdwood Energy are partnering with Surf Coast, Yarra Ranges and Wodonga Councils to conduct feasibility studies that identify how a microgrid can best meet the needs of each community.

## Microgrids – what are they?

A microgrid is a system for managing electricity supply and demand. Microgrids integrate local sources of generation (such as rooftop solar) and storage (such as batteries) with electricity supplied from or exported to the grid. This allows customers access to services that are not normally available through their electricity retailer or distributor, such as back-up for emergency events like bushfires, reaching net zero emissions from energy use and new sources of revenue.

## Microgrid Implementation Stages

The purpose of this project is to conduct feasibility studies in the target communities. This is the first stage of Microgrid development and will provide the evidence required to attract investment. In this stage we will identify the key drivers and users within the precinct, and gather the data required for modelling different Microgrid solutions. You can find more information on microgrid development [here](#).



## What does this mean for you?

We are seeking input from members of the community in Lorne and Torquay. Whether you are a resident, small or large business owner, or manager of a community facility, we would like to understand your energy use and priorities. We are surveying the community now (April 2022) as part of our initial data gathering process and are looking for participants. You can find the survey by using the QR code or link below.



<https://forms.gle/uVJ5vKAEnZ7orqqb8>

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