



MY TOWN MICROGRID PRE-FEASIBILITY STUDY

Community Street Survey

Definition of a microgrid: An electricity local network that can (but may not always) operate independently from the national grid, and generates and supplies electricity to multiple customers.

In the context of communities, it may also be referred to as a Community Energy Network, or a Local Energy System.

Introduction

In this survey we want to understand what you think about a microgrid for your community.

Between m February and April this year, researchers from the Institute for Sustainable Futures (ISF), at the University of Technology Sydney are working with the Heyfield Community Resource Centre to undertake a study as part of the first steps towards understand how practical or feasible it is for Heyfield to have a community energy network. The objectives of this research are to:

- Inform ensure the community is informed about microgrids and how it could work in the context of Heyfield.
- Explore –explore what the community wants when it comes to its energy supply and how it wants to use and generate electricity over the coming years
- Listen to the community and ensure it has its say and has a chance to ask questions and input to this process.
- Understand –how the community wishes to engage in a proposed project where the feasibility of a microgrid for the town of Heyfield is explored

This research project has been made possible with funding from the Latrobe Valley Authority and the contribution of volunteer time from the Heyfield Community Resource Centre.

Your participation

Your participation is entirely voluntary. You are free to withdraw or cancel the survey at any time. Completing the survey will take approximately 10 to 15 minutes.

The researcher will maintain the confidentiality of the research records or data

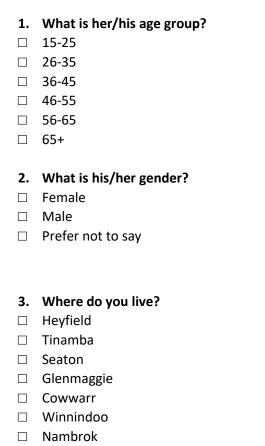
What will we do with the data

Under the terms of the ethics policy within the University of Technology, the Institute for Sustainable Futures is required to maintain the confidentiality of data.

No data from individual respondents will be identified or released. If it is possible for an individual company to be identified because of a small sample size, the data will not be made public.

If you have any concerns or questions about the research you can contact Dr Scott Dwyer or Dr Franziska Mey at the Institute for Sustainable Futures on scott.dwyer@uts.edu.au or Franziska.mey@uts.edu.au.





□ Other, please specify



| 4. | What best describes your affiliation with Heyfield? Please tick | | |
|----|-----------------------------------------------------------------|--|--|
| | one or more. | | |
| | Local resident | | |
| | Local business owner | | |
| | Local government representative | | |
| | Landcare | | |
| | Heyfield Senior Citizens | | |
| | Heyfield Community Representatives Group | | |
| | Heyfield Traders and Tourism Association | | |
| | Sporting clubs | | |
| | RSL/Senior Citizens | | |
| | Men's Shed | | |
| | HCRC | | |
| | Health workers | | |
| | Heyfield Lions | | |
| | Rotary clubs | | |
| | Other, please specify | | |
| | | | |
| 5. | How important to you is using renewable energy that is | | |
| | produced in Heyfield and/or the local region? | | |
| | Extremely important | | |
| | Very important | | |
| | Somewhat important | | |
| | Not so important | | |
| | Not at all important | | |





| | | 9. | 7. |
|--------------|-------------------------------------------------------------------|----|---------------------------------------------------------------|
| 6. | How often does your home or business experience electricity- | | being used Heyfield and its local region? (please rank; 1 is |
| | grid supply issues (brownout or blackout)? | | highest preference) |
| | Very rarely | | □ Rooftop solar PV for homes/ business |
| | 1 or 2 times per year | | □ Solar farms |
| | 2 to 5 times per year | | □ Wind energy |
| | 5 to 10 times per year | | ☐ Small-scale hydropower |
| | More than 10 times per year | | □ Pumped-hydro storage |
| | Please describe your experience (optional) | | ☐ Bioenergy from waste (e.g. wood, food, sewage) |
| | | | ☐ Bioenergy from any source (e.g. forestry, crops) |
| 7. | Assuming it is technically feasible and cost-effective, would you | | ☐ Small scale batteries (in homes and on business premises) |
| | like Heyfield to be: | | ☐ Community batteries (larger batteries shared by multiple |
| | □ 100% powered by renewable energy | | homes and business) |
| | □ 75% powered by renewable energy | | □ Other |
| | □ 50% powered by renewable energy | | |
| | □ Other (please specify) | | |
| | | 10 | Microgrids often involve renewable energy for generating |
| 8. | Why do you think should Heyfield be powered or not be | | electricity. What are the first three words that come to mind |
| | powered by renewable energy? | | when thinking about increasing renewable energy generation in |
| Short answer | | | Heyfield region? |
| | | | |
| | | 11 | Do you have concerns or think there would be any |
| | | | disadvantages with a microgrid in Heyfield? |
| | | | □ Yes |
| | | | □ No |
| | | | □ Please list or describe your top concerns |





| | | | 15. Would you like to participate in planning a microgrid in Heyfield? | | |
|--------------------------|------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------|--|--|
| 12. V | Nould you change your electricity provider to purchase local | | Yes (please provide email below) | | |
| r | enewable electricity from a local community-owned retailer? Yes | | Yes, possibly, but I need more information (please provide email below) | | |
| |] No | | No | | |
| | Don't know | | Don't know | | |
| 13 / | Are you interested in learning more about microgrids? | | you would like to stay updated about a potential microgrid for eyfield, please provide your email address below. | | |
| | | Please provide email contact: | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | |
| | 2 DOIL CKNOW | | | | |
| 14. I | f yes, how would you like to learn more about the project? | | | | |
| Please tick one or more. | | Many thar | nks! | | |
| | Social media (e.g. Facebook, Twitter, Instagram) | • | | | |
| | ☐ Website | We'll let y | ou know what we've learned as soon as we can. | | |
| | ☐ Newsletter | | | | |
| | ☐ Visits at HCRC | | | | |
| | ☐ Townhall events | | | | |
| | ☐ Community workshops | | | | |
| | ☐ Webinars | If you like, | please provide any additional comments: | | |
| | Other please specify | | | | |