

Bawley Point and Kioloa Community Microgrid news

September 2024

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Hi everyone,

It's been a while since we last met with you about the Bawley Point and Kioloa community microgrid and we wanted to say hello and share some news with you.

We've heard you have lots of questions about how the microgrid operates, especially during outages. As NSW's first community microgrid, we're still learning valuable lessons as we test and operate the microgrid. We are committed to keeping you informed with regular updates, especially when outages happen.

One important detail that we wanted to share with you is that while the community microgrid will provide a more reliable service to customers, it is important to remember that outages can and will still occur.

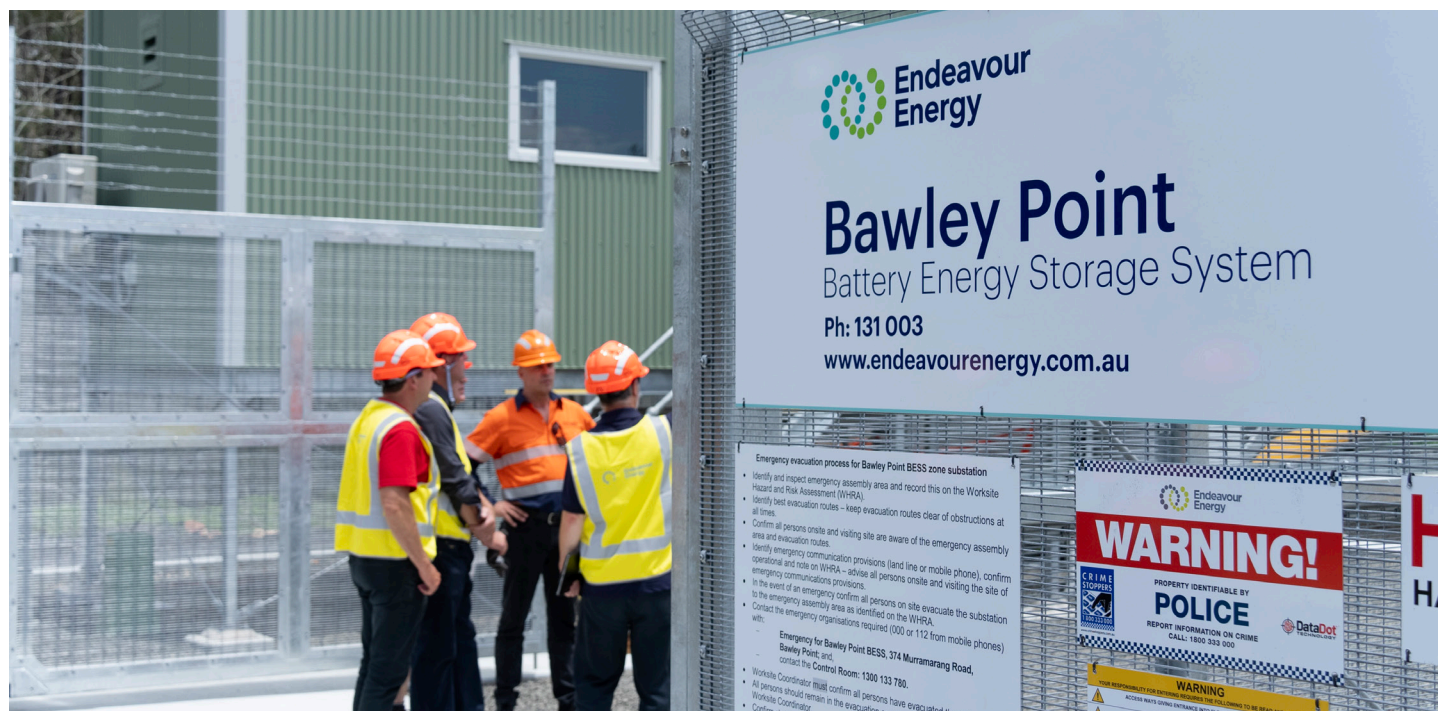
Whether the microgrid can restore electricity to customers depends on the location and nature of the fault.

Thank you for your patience and cooperation. We will be posting a new FAQ soon on the [Your Say Endeavour Energy](#) page.

For more information, please email yoursay@endeavourenergy.com.au

Best regards,

The Endeavour Energy Team



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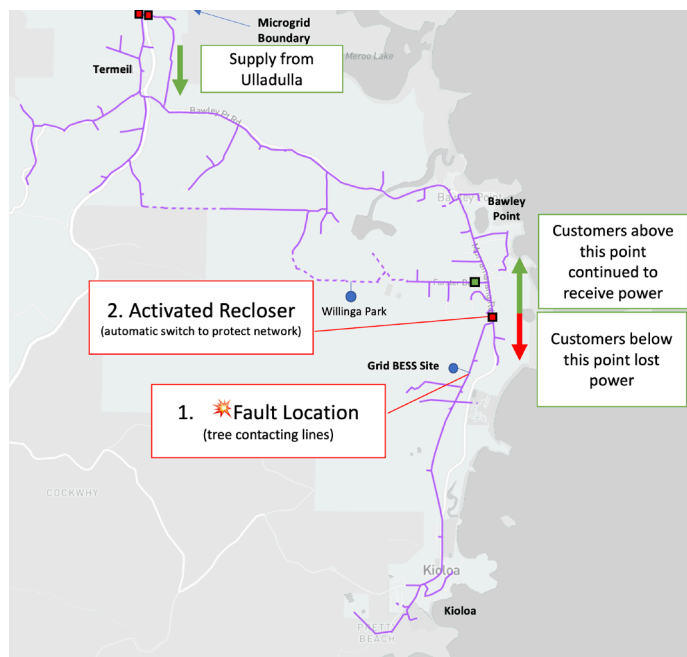
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1. Details of recent outage

Just before 4am on the morning of Wednesday the 28 August, extreme winds caused a tree to contact power lines near the Kioloa Waste Recovery Centre, where the large grid battery is located (please see map below).

The contact was detected by an automatic switch (called a Recloser) north of the site, and this activated automatic protection of the network by cutting off electricity supply to the area. This is standard safety performance of the network to protect the public from electrical hazards and potential for other hazards like fires.

The activation of this protection interrupted power supply to 394 homes and businesses (approximately all those connected south of Wandellier CI). Customers with home batteries set up for back up supply experienced no interruption to their energy services.



Due to the fault's location, both the grid battery and Recloser protection activated simultaneously. The microgrid therefore was not able to safely restore power to those customers

without a visit from our team and further investigation of the power lines. Our team in Ulladulla quickly responded and fixed the fault by 7:34am, restoring power to residents just a few minutes later. We understand the need for more timely information and are working on how we can best communicate information on the microgrid and outage information more promptly to customers.

We appreciate the community's patience as we continue to learn and test the microgrid to provide a more resilient and renewable power supply.

2. Further microgrid testing

Over the next few months, we will continue to carry out testing to ensure all the components of the microgrid are working seamlessly together. This includes testing the Distributed Energy Resource Management System (DERMS), which will ensure the grid battery and residential batteries work together. We will also ensure that the grid battery can be re-set efficiently and remotely by our control room during outages. For those participating in the Virtual Power Plant program, you will be notified if we need to remotely access your home batteries as part of this testing.

3. More communication to residents

We recognise the importance of information, and we are committed to providing more updates, FAQs, and details about the microgrid in the coming months. This includes:

- Meeting with local residents, such as the Bawley Point Kioloa Termeil Community Association and our Community Reference Group, to create a set of communication materials that will address many of the questions.
- A community workshop to be held at the community hall in the coming months. The date will be announced shortly.
- A Community Reference Group meeting is scheduled for 23 September to go over microgrid updates, future actions, and communication materials. The Community Reference Group was established at the inception of the Bawley Point and Kioloa microgrid project, including community representatives to provide guidance and act as the eyes and ears of the residents.

