

# Bawley Point and Kioloa community microgrid

Final commissioning – Thursday 28 November 2024

## Improving electricity reliability in Bawley Point, Kioloa & parts of Termeil

**Endeavour Energy is responsible for building, maintaining and operating an electricity network that connects 2.7 million people to traditional and renewable energy sources in homes and businesses across Sydney's Greater West, the Blue Mountains, Southern Highlands, the Illawarra and the South Coast.**

We're focused on providing a reliable power supply as we continue to invest in the upgrade of electricity infrastructure leveraging the latest technology to build a safer, more resilient network.

Funded with support from the Australian and NSW Government's Bushfire Local Economic Recovery Fund, we are in the final commissioning stages of the state's first community microgrid in Bawley Point and Kioloa.

### **Q: What does final commissioning involve?**

**A:** The microgrid was launched in December 2023 following community engagement and the installation of about 100 rooftop solar and battery systems. We are now conducting further tests before final commissioning. During commissioning, we will simulate real-life scenarios, such as power outages and varying energy demands, to test the battery's performance and ensure the system can handle these situations effectively. We will also test 'island mode,' where the microgrid operates independently from the main electricity grid, ensuring it can provide a reliable power supply during outages. To ensure we can safely carry out this work, a planned outage is scheduled for **Thursday, 28 November**.

### **Q: What will happen during the outage?**

**A:** On Thursday, 28 November 2024, there will be a planned power outage between 10am and 4pm. During this period, all customers will initially experience a loss of power. We will progressively restore the network, meaning some customers will have their power re-energised before others, until the entire network is fully operational. Additionally, during this time, there may be intermittent power supply as the grid battery is tested in various configurations. The Bawley Point Shopping Centre will also be affected, but to help minimise disruption, Endeavour Energy will provide a generator to enable continued business during this time. There will be a short interruption (approximately 10 minutes) at the start and end of day to connect and disconnect the generator.

### **Q: How will I know when the outage will take place?**

**A:** You would have received the first SMS notification two weeks before the outage. You will receive another SMS on Wednesday 27 November, the day before. Customers on life support will also be notified via SMS and mail. We aim to complete the project within the scheduled outage timeframe, but please be aware that factors like poor weather or storms could cause delays.

### **Q: Does my home battery need to fully charged in preparation of the outage?**

**A:** There is no requirement for customers' batteries to be fully charged. Customers may choose to have their battery fully charged to make use of it when the planned outages take place for their own purposes.

### **Q: I have a battery and rooftop solar, can I continue to use my power as normal?**

**A:** Customers can use their residential battery system for their own purposes as long as it is configured to provide back-up power during power outages.

### **Q: Will this outage be counted as part of the 20 annual Event Days?**

**A:** No, an 'Event Day' is when we remotely access and communicate with customers' solar and/or battery systems that are enrolled in the Microgrid scheme, to manage their operation. But during this final commissioning period, we will not be accessing customers' systems.

### **Q: Will you be taking control of my battery during this time?**

**A:** Endeavour Energy will not be accessing customers' batteries during this time.

### **Q: Do I need to unplug appliances during the outage?**

- A:** To protect your equipment:
- Keep your fridge and freezer closed to avoid food spoiling and switch off any electronic equipment and disconnect it from the power outlet before the planned outage.
  - Switch off three phase motors such as those used in air conditioning units and garage doors.
  - Do not carry out electrical work within your premises during the outage.
  - Restock and recharge batteries.

### **Q: When this work is over, does this mean the microgrid is fully operational?**

**A:** Yes, if testing is successful.

## For more information

We understand that you might have further questions or concerns regarding the planned outage. Your feedback is very important to us. Please don't hesitate to reach out by emailing [yoursay@endeavourenergy.com.au](mailto:yoursay@endeavourenergy.com.au) or call us at **131 003**.

You can also visit [www.endeavourenergy.com.au](http://www.endeavourenergy.com.au)