

Network Support Services EOI Bremer Bay Questions & Answers

Question 1: *4 July 2024*

What type of generation is expected for this project? Renewable and conventional, or just conventional generation?

Answer 1: *Answered on 10 July 2024*

Western Power is agnostic to the form of energy production.

Question 2: *4 July 2024*

Can you please share historical load profile data? If it's not available at the current stage of the project, then please provide average and peak values for a day?

Answer 2: *Answered on 10 July 2024*

This information will be provided during the Request for Tender stage of the project.

Question 3: *4 July 2024*

Are there any limitations (capacity or operating time) on the energy-generating resources?

Answer 3: *Answered on 10 July 2024*

Yes. DSOC and CMD limits will be provided during the Request for Tender stage of the project. It should be noted that outside of the network return synchronisation window, any generation intended to operate in parallel with network will be restricted to an inverter connected device to mitigate pole slip risk.

Question 4: *4 July 2024*

Are there any existing generation assets in place that need to be considered, or will it be a greenfield project?

Answer 4: *Answered on 10 July 2024*

Western Power will consider either brownfield or greenfield solutions.

Question 5: *4 July 2024*

Regarding "Microgrid formation must be completed within 5 minutes of request," does this mean that the microgrid will not be operating 24/7? Please elaborate on this.

Answer 5: *Answered on 10 July 2024*

The service being sought is a microgrid to supply the Bremer Bay township when the network grid supply is unavailable (supply is from Albany). The service is intended to mitigate against unplanned network outages and provide support during planned outages. The microgrid service is not expected

to operate 24/7, however it is expected to be available 24/7, subject to negotiation on agreed downtime.

Question 6: *15 July 2024*

A clarification around the specified peak load of 2MVA. Is this a year-round requirement or is it seasonal based?

Answer 6: *Answered on 18 July 2024*

Although the microgrid will be subject to daily and seasonal peak changes, the 2MVA service is required at all times (i.e. year-round).