

Request for Proposal – Target Area Feeders



August 2024

Energex

Energex has identified 11kV distribution feeders that may exceed Load at Risk (LAR) across areas of the Southeast distribution Network. If investment is not undertaken, there may be significant unserved energy (USE) in that may breach network reliability performance standards under the Electricity Distribution Code.

We are seeking cost effective and credible non-network and flexible demand response solutions to mitigate these 1-to-3-year constraints across selected [Target Area / Feeders](#). If you are a customer, aggregator, or demand response provider with assets capable of providing flexible demand or network support in these areas, you are encouraged to contact Energex with further details.

A summary of relevant 11kV Energex Feeders, LAR and Maximum annual Deferral Value is listed in Table 1 below. The specific time and duration of network support for each Target Area / Feeder may vary. Greater detail can be provided on request.

Table 1: Target Area / Feeders Seeking Non-network and Flexible Demand Solutions

Target Area / Feeder	Load At Risk (kVA)	Deferral Value Per Annum	\$/KVA Per Annum
Albany Creek/ACR12A	1,110	\$25,641	\$23
Arana Hills/AHL15B	1,210	\$64,594	\$53
Beerwah/BWH12A	690	\$18,750	\$27
Birkdale/BKD3A	850	\$25,313	\$30
Booval/BVL5A	1,630	\$41,588	\$26
Brighton/BRT6	670	\$21,966	\$33

Caloundra/CLD28A	1,850	\$133,781	\$72
Camp Hill/CHL7	1,200	\$84,797	\$70
Deception Bay/DBY4	1,340	\$74,531	\$56
Kingston/KSN1	1,370	\$88,369	\$64
Mango Hill Bus 2/MHL25B	1,330	\$44,995	\$34
Mango Hill Bus 2/MHL26A	1,240	\$66,938	\$54
Morayfield North/MFN12A	1,940	\$104,344	\$54
Palmwoods Central/PWC5	1,700	\$39,375	\$23
Postman's Ridge/BDB37A	580	\$33,413	\$57
Redbank Plains/RPN8	1,430	\$39,038	\$27
Zillmere/ZMR2A	780	\$116,325	\$150

To assist in identifying the correct MAR feeder location, please self-serve using the [Energex Network Load Capacity Map](#).

Details of the network support requirements are as follows (note, these may vary slightly for each target area and related feeder):

- **Network Support Period:** Summer 2024/25, 2025/26* and 2027/28*
- **Demand Response Required:** Demand response/network support per network event request (measured and verified). Additional kVA will be considered.
- **Duration of Network Support Event:** Up to 6 hours duration (i.e., 3pm – 9pm)
- **Number of Network Support Events Required:** Up to 10 network support events during the nominated network support period. Demand Response requirements may vary as required. I.e. as multiple events or standby arrangements.
- **Energy at Risk & Value:** Supplied upon application.
- **Load Duration Curves:** Supplied upon application.
- **Type of Network Support considered.** Non-network solutions could comprise one or a combination Flexible demand, embedded generation, Call-on or managed generation, Call-off load, battery storage systems, Load shifting, Load shaping or any other credible demand-side load management solutions.
- **Value:** As listed in Deferral Value Per Annum column, which is determined by the deferral of associated capital project costs.
- **Closing date:** At Energex's discretion*
- * Subject to Network forecasts and requirements

Please note, planning limitation timing requirements specify that existing 'Brownfield' solutions are preferred with a current connection agreement in place, as 'Greenfield' solutions are considered unlikely to be deployed and operational for the upcoming Network Support Period.

Applications and/or enquiries for information should be submitted via our [Demand management partnering application form | Energex](#), or directed to demandmanagement@energex.com.au. For your security, we do not transmit sensitive information via email.

Provide Feedback

We are always looking for ways to better engage with businesses and customers. If you have feedback that may help us to improve the Regulatory Test and Request for Proposal Consultations process, or how we can better engage industry in general, please email us at demandmanagement@ergon.com.au or demandmanagement@energex.com.au.

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