

Request for Proposal – Marginally At-Risk Feeders

September 2024



Energex

Energex has identified 11kV distribution feeders across the Southeast distribution Network that may marginally exceed forecast load at risk thresholds, known as “Marginally At-Risk” distribution feeders (MAR). Providing contingency flexible demand solutions to support these MAR feeders will help to safeguard network reliability performance standards for Queenslanders.

We are seeking cost effective and credible non-network solutions to provide flexible, ad hoc or standby demand response 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 MAR feeders 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 and network’s satisfaction of demand management solution.

Table 1: Marginally At-Risk Feeders - Seeking Non-network and Flexible Demand Solutions

Target Area	Feeder at Risk	Target Area	Feeder at Risk
Acacia Ridge	ARG5A	Morayfield	MFD11A
Alexandra Headland	AHD18B	Mt Gravatt	MTG7A
Annerley	ALY6	Mt Gravatt	MTG4B
Ashgrove	AGE10	Murarrie	MRE4A
Bald Hills	BHL2A	Nambour	NBR12A
Beenleigh	BLH10B	Nerang	NRG13A
Beerwah	BWH7A	Nerang	NRG9
Birkdale	BKD3A	Newstead	NSD8A
Birkdale	BKD13A	North Maclean	NMC3A
Birkdale	BKD12A	North Springwood	NSW3A
Brendale	BRD11A	North Springwood	NSW36A
Broadbeach	BBH9A	Oxley	OXL11A
Broadbeach	BBH13B	Oxley	OXL8B
Broadbeach	BBH16A	Palmwoods Central	PWC5
Browns Plains	BPN28A	Peregian	PGN6A
Bulimba	BLB2A	Postmans Ridge	GGR5
Bulimba	BLB6A	Postmans Ridge	LBH3A

Cades County	CCY13A	Postmans Ridge	ALY6
Calamvale	CMV12B	Postmans Ridge	LTN6
Camp Hill	CHL3	Postmans Ridge	KCY3A
Camp Hill	CHL4	Postmans Ridge	MCW7
Camp Hill	CHL5	Postmans Ridge	BRD11A
Camp Hill	CHL2	Postmans Ridge	TCB1
Charlotte St	CSTTCD3	Postmans Ridge	CRM13A
Chermside	CSE9	Postmans Ridge	NMC5A
Cleveland	CVL7A	Postmans Ridge	TCB2
Coomera	CMA9A	Postmans Ridge	SFD3
Coomera	CMA18B	Raby Bay	RBV12
Coomera	CMA20A	Redland Bay	RLB15A
Coorparoo	CPR17A	Runcorn	RCN12A
Deception Bay	DBY9	Runcorn	RCN8A
Duffield Rd	DRD3A	Sandgate	SGT28A
Eight Mile Plains	EMP4	Sandgate	FGBSGT23
Holland Park	HPK6	Scrub Rd	CLRSRD17
Holland Park East	HPE13A	Southport	SPO69A
Hope Island	HIS13A	Springfield	SPF17B
Hope Island	HIS5B	Springfield Central	PDASFC6
Inala	INA5B	St Lucia	QUVSTL11
Inala	INA9	Stafford	SFD3
Inala	INA3A	Sunnybank Hills	SBK11A
Ipswich South	IPS5B	Surfers Paradise	CDRSPD9
Kallangur	KLG11A	Surfers Paradise	SPD11A
Kedron	KRN10	Russell Island	RIS2
Kenmore	KMR17B	Tingalpa	TGP5B
Kilcoy	KCY5A	Tingalpa	TGP9A
Kingston	KSN15	Varsity Lakes	VSL12A
Lawnton	LTN6	Wamuran	WMR1
Lawnton	LTN3	West End	WED16A
Lytton B	LBS9A	Whiteside	WSE3A
Mango Hill	MHL12A	Woodridge	WRG1A
McLachlan St	MLS11A	Wynnum	WNM2A
Mooloolaba	MLB12A	Yatala	YTA22B
Mooloolaba	MLB8A	Yatala	YTA38A
Morayfield	MFD12A	Yatala	YTA34B
Morayfield	MFD11A	Zillmere	ZMR2A
Mt Gravatt	MTG7A	Zillmere	ZMR4A

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

Note: Network support in these areas have a lower likelihood of requiring network support. For feeders with an immediate need for network support, please see advertised [Load At-Risk \(LAR\) feeders](#) linked to associated projects.

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). Minimum 500 kVA, 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.
- **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:** Ad-hoc/Standby demand support services paid per dispatch service event.
- **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.

Contact Details:

Energex

E: demandmanagement@energex.com.au

Ph: [13 12 53](tel:131253)

Ergon Network

E: demandmanagement@ergon.com.au

Ph: [13 74 66](tel:137466)



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