

Customer Panel Regulatory Investment Test for Transmission (RIT-T) Update

Update prepared for the Powerlink Customer Panel meeting on 26 March 2026.

Key points

One Project Specification Consultation Report (PSCR) was published in the period. The PSCR for *Maintaining reliability of supply at Townsville South* identifies end-of-life primary switchgear at the Townsville South substation. The indicative capital cost for the preferred option is \$20.23 million. This is a reapplication of a RIT-T due to material change in circumstances impacting the preferred option.

Two Project Assessment Draft Reports (PADR) were published in the period, *Maintaining reliability of supply to Kamerunga, Cairns and northern beaches area* and *Addressing the Risk of Current Transformer Failures*. The PADR confirms the preferred option from the PSCR, with an indicative capital cost of \$307 million and \$123 million respectively.

One Project Assessment Conclusions Report (PACR) was published in the period, *Maintaining Reliability of Supply and Addressing Condition Risks at Ingham South*. The PACR confirms the preferred option from the PSCR, with an indicative capital cost of \$26 million.

In progress and upcoming RIT-T consultations

There are five PSCR documents expected to be published in the next quarter:

- *Addressing the risk of Trench-type current transformer failures in northern, central and southern Queensland,*
- *Maintaining the quality of supply and addressing condition risks at Strathmore,*
- *Maintaining reliability of supply and addressing condition risk at Tennyson Substation,*
- *Maintaining reliability of supply and addressing condition risks at Ashgrove West Substation,*
- *Maintaining reliability of supply to the Chalumbin and Turkinje areas.*

There are two PACR document expected to be published in the next quarter:

- *Maintaining reliability of supply to Kamerunga, Cairns and northern beaches area,*
- *Addressing the Risk of Current Transformer Failures.*

Gladstone Project Priority Transmission Investment (PTI)

The Gladstone PTI is currently undergoing review by government, with efficiency advice being finalised by the appointed Suitably Qualified Person by late March and Powerlink's provision of information into that process complete. The anticipated construction commencement is late June 2026.

Current RIT-T Consultations and Engagement Levels

New consultations shown in blue

Engagement level	Project characteristics	RIT-T consultations (stage)	Potential engagement activities
Minor (PADR exempt)	<ul style="list-style-type: none"> Non-network options unlikely No material market benefits identified Preferred option <\$46 million 	Maintaining reliability of supply at Townsville South (PSCR)	<ul style="list-style-type: none"> Notification to Powerlink Non-network Engagement Stakeholder Register AEMO Notice and summary Publication of RIT-T project details on Powerlink's website
Normal	<ul style="list-style-type: none"> Non-network options unlikely No material market benefits identified 	Addressing the risk of current transformer premature failures in Queensland (PADR)	<ul style="list-style-type: none"> Notification to Powerlink Non-network Engagement Stakeholder Register AEMO Notice and summary Publication of RIT-T project details on Powerlink's website
Minor (PADR exempt)	<ul style="list-style-type: none"> Non-network options unlikely No material market benefits identified Preferred option <\$46 million 	Maintaining reliability of supply and addressing condition risks at Ingham South (PACR)	<ul style="list-style-type: none"> Notification to Powerlink Non-network Engagement Stakeholder Register AEMO Notice and summary Publication of RIT-T project details on Powerlink's website Dedicated email contact Alerts through Powerlink's Twitter and LinkedIn accounts
Normal	<ul style="list-style-type: none"> Minor network reconfiguration/material impact on network users Possibility of non-network options Material market benefits identified 	Maintaining Reliability of Supply to Kamerunga, Cairns and Northern Beaches Area (PADR) - Joint RIT-T with Ergon Energy	<p>In addition to engagement activities identified at minor level:</p> <ul style="list-style-type: none"> Webinars Stakeholder briefings Discussion at Powerlink Customer Panel
Complex	<ul style="list-style-type: none"> Network reconfiguration/material impact on multiple network users Likelihood of non-network options Significant market benefits identified 	Addressing System Strength Requirements in Queensland from December 2025 (PACR)	<p>In addition to engagement activities identified at minor and/or normal level:</p> <ul style="list-style-type: none"> Dedicated engagement forum to analyse project options Where relevant, issue additional documentation such as methodology and assumption papers