

This chapter focuses on potential investment opportunities on the transmission network across the 10-year outlook period for the Central Region within Queensland. It includes information on forecast network limitations, potential network investments, non-network opportunities, and other future developments which could shape transmission network requirements for the state.

Key highlights

- The Central Region includes the Central West and Gladstone Transmission Annual Planning Report (TAPR) zones.
- The Central Region hosts Queensland's largest concentration of heavy industrial electricity demand and is expected to experience changing power transfer patterns associated with generation developments, industrial growth and major customer connections.
- The Gladstone Project progressing under the Priority Transmission Investment (PTI) framework remains the defining near-term network investment in the region and is intended to establish the baseline network capability required to maintain reliable and secure supply following the potential closure of Gladstone Power Station in March 2029.
- Powerlink is progressing the installation of four synchronous condensers identified through the System Strength Regulatory Investment Test for Transmission (RIT-T). These investments will provide essential services to maintain secure and reliable operation of the Queensland transmission network. Two synchronous condensers will be installed at Calliope River Substation, with one each at the Stanwell and Nebo substations.
- Future investment requirements in the Gladstone area are dependent on the scale, location and timing of emerging industrial load growth, potential electrification of existing processes, major customer connections, generation and storage developments, and system security requirements.
- Significant portions of the region's 275 kilovolt (kV) and 132kV network are approaching end of technical service life, with future investment focused on managing asset condition and obsolescence risks while optimising long-term network configuration.
- The Central West and Rockhampton areas are expected to remain capable of meeting forecast demand over the outlook period, with investment primarily driven by asset condition, reliability of supply and network reinvestment requirements.
- The Central West 132kV network presents an opportunity for the staged consolidation of ageing single circuit assets over the medium to long-term supporting a more economic network configuration delivering long-term value to customers.

7.1 Regional overview

The Central Queensland transmission network comprises a broadly triangular 275kV backbone, extending between the Bouldercombe and Stanwell area in the north, the Callide and Calvale area in the west, and the Calliope River and Wurdong area in the east.

The region also includes the Central West 132kV network, which was primarily developed in the 1960s to supply mining loads, and the Rockhampton 132kV network supplied from Bouldercombe Substation servicing the greater Rockhampton residential, agricultural and tourism regional area.

7.2 Regional investment themes

Five key investment themes are expected to shape transmission network requirements and development within the Central Region over the 10-year outlook period:

- maintaining reliability and security of supply
- optimising network asset reinvestment with capacity requirements
- responding to uncertain industrial, mining and generation development
- changing generation and system security requirements
- managing land use and corridor constraints.

Maintaining reliability and security of supply

Gladstone is one of Queensland's most strategically significant industrial electricity supply areas with energy-intensive customers requiring reliable and secure supply. Changes in generation and demand patterns, including the potential closure of the 1,680 megawatt (MW) Gladstone Power Station in March 2029, will significantly change transmission capacity requirements across the region. Future investment planning is focusing on ensuring network investment to maintain reliability of supply and support efficient and economic market operation.

Optimising network asset reinvestment with capacity requirements

A substantial proportion of the region's 275kV and 132kV assets were developed between the 1960s and early 1990s. The optimal investment pathway will need to balance emerging asset condition and obsolescence risks with future network requirements. Changes in generation and load patterns over the past decade provide opportunities to optimise network configuration to deliver efficient long-term outcomes for customers.

Responding to uncertain industrial, mining and generation development

Central Queensland continues to attract interest from industrial electrification, emerging industries, and generation and storage developments. As the timing, scale and location of these developments remain uncertain, a staged planning approach is adopted to align network capability with confirmed customer requirements and emerging system needs.

Changing generation and system security requirements

As generation and storage developments change the availability of synchronous generation, additional system security services will be required. Powerlink is progressively planning and developing solutions to maintain system security services, including system strength and inertia. Further information is provided in Chapter 3.

Managing land use and corridor constraints

Transmission development around Gladstone is constrained by industrial land use, site congestion and competing infrastructure. Existing easements often intersect or adjoin gas, water, sewerage and industrial infrastructure, increasing the complexity of access, construction and outage coordination.

As land use continues to evolve, preserving or acquiring new strategic easement corridors and substation expansion areas maintains future development options and reduces the risk of higher cost or delayed network investment.

7.3 Greater Gladstone and Wurdong area

7.3.1 Background

The Gladstone 275kV and 132kV network was progressively developed from the 1970s to support metals processing industry in the region. Key transmission nodes include the Calliope River, Larcom Creek and Wurdong substations, which connect major industrial customers, Ergon Energy distribution networks, and the broader Central Queensland transmission network.

7.3.2 Emerging and committed network developments

Gladstone Project

As noted in Section 5.3.1, in June 2025 Powerlink completed a PTI assessment for the Gladstone Project. In August 2026, the Queensland Government declared the Gladstone Project as a PTI under the *Energy (Infrastructure Facilitation) Act 2024*. The project is intended to establish the baseline network configuration required to maintain reliable supply following the potential closure of Gladstone Power Station.

Following the declaration, the Queensland Government issued directions to Powerlink to facilitate the project's construction. The project comprises two stages of work:

- Stage 1: Calvale to Calliope River Transmission Line Reinforcement Project – involves construction of a new 275kV line from Calvale to Gladstone West to Calliope River and is to be completed by March 2029.
- Stage 2: Gladstone West Substation and Bouldercombe to Gladstone West transmission line – involves establishing a new Gladstone West Substation by June 2029, and construction of a new 275kV line from Bouldercombe to Gladstone West by August 2030.

The June 2025 PTI assessment included construction of a Gladstone West to Larcom Creek transmission line as part of the proposed Gladstone Project PTI scope. Construction of this line is no longer included in the PTI project scope. This change reflects the Gladstone Project's investment time horizons and updated demand forecasts which saw a reduction in demand projections for Larcom Creek Substation.

Construction of the line remains within Powerlink's future network investment plans and is one of the potential network solutions identified in Powerlink's proposed Gladstone Area Augmentation Contingent Project. Any future investment would remain subject to further planning, regulatory assessment and approval processes if the relevant trigger event(s) occur.

The Gladstone Project scope includes installation of a third 275/132kV transformer at Calliope River Substation and installation of additional reactive plant. The scope also includes establishment of Wide Area Monitoring, Protection and Control (WAMPAC) schemes at multiple Powerlink substations to maintain network stability, support network security requirements and maintain transfer capability during planned and unplanned outage conditions. Table 7.1 outlines the main scope elements of Stages 1 and 2 of the Gladstone Project.

Table 7.1 Gladstone Project Stages 1 and 2

Stage	Scope
Stage 1 main scope elements	<ul style="list-style-type: none"> • Calvale to Calliope easement acquisition • Calvale to Gladstone West to Calliope River 275kV high-capacity double-circuit transmission line (87km, rated at 2,091MVA) • Calvale Substation works • Calliope River Substation works • Calliope River 3rd 275/132kV transformer, substation works and related transmission works • Supply of essential system services, including a non-network solution
Stage 2 main scope elements	<ul style="list-style-type: none"> • Bouldercombe to Gladstone West easement acquisition • Bouldercombe to Gladstone West 275kV high-capacity double circuit transmission line (80km, rated at 2,091MVA) • Bouldercombe Substation works • Gladstone West 275kV Substation land, establishment substation works and related transmission line and remote end substation works • Gladstone West to Larcom Creek easement acquisition • Wide Area Monitoring, Protection and Control schemes at relevant Powerlink substations • Supply of essential system services, including exploring a non-network solution

Synchronous condensers

Powerlink has commenced procurement activities for the installation of four synchronous condensers identified as part of the preferred option through the System Strength RIT-T, two of which will be located at Calliope River Substation, and one each at the Stanwell and Nebo substations. The investment is proposed to be delivered in stages and aligned with the potential closure of Gladstone Power Station.

In October 2026, prior to TAPR publication, Powerlink published a draft Material Change in Circumstances (MCC) Assessment for the System Strength RIT-T due to three key events since publication of the Project Assessment Conclusions Report (PACR) in June 2025:

- The release of the Queensland Energy Roadmap in October 2025;
- CS Energy publicly announcing in September 2025 formal advice to AEMO of the potential closure of Gladstone Power Station in March 2029; and
- AEMO's most recent Inputs, Assumptions and Scenarios Report and 2026 Integrated System Plan which include the most recently announced generator retirement dates across the National Electricity Market, which for Queensland are significantly different to those used in the PACR analysis.

The draft MCC assessment report supports the near-term critical requirement for four network synchronous condensers to maintain system strength in Central Queensland, and further identifies the requirement for a fifth synchronous condenser or equivalent service in Central Queensland by January 2031. At the time of TAPR publication, the draft MCC assessment report is undergoing a 30 business day public consultation period.

Powerlink continues to actively seek out opportunities for non-network solutions to replace, in part or in full, the need to invest in future network synchronous condensers, and will utilise regulatory consultation processes to pivot to and support the development of new system strength solutions should they become available and an identified need for system strength services is confirmed.

Other committed investments

Other committed network reinvestments in the Gladstone area include targeted line refit works, secondary systems replacements at the Gladstone South and Queensland Alumina Limited (QAL) West substations, and current transformer replacements under the Central Region program. Committed connection projects in the broader Central Region include Boulder Creek Wind Farm, Smoky Creek Solar Power Station and Guthrie's Gap Solar Power Station.

Further information on completed and committed developments are provided in Chapter 10.

7.3.3 Emerging and evolving investment drivers

Future network requirements in the Gladstone area will be dependent on the scale, location and timing of industrial electrification, emerging industries, large customer connections, and generation and storage developments. The Gladstone Project is expected to establish a baseline level of network capability with further transmission network investment dependent on future regional industrial developments and operation.

Future transmission requirements in the Gladstone area may also be dependent on the outcome of the Queensland Government's Central Queensland Gas Power Tender and any associated network connection and transmission augmentation requirements.

Emerging asset condition and obsolescence risks within the Gladstone area, combined with constraints associated with land availability, easement access and competing infrastructure, will also continue to influence the timing and scope of future network development and reinvestment decisions.

7.3.4 Greater Gladstone and Wurdong area investment outlook

Figure 7.1 provides a geographic overview of potential investment opportunities within the greater Gladstone and Wurdong areas.

The investment opportunities and their indicative timings are summarised in Table 7.2. These opportunities do not constitute committed projects, and their scope, timing and implementation remain subject to further assessment and decision-making processes.

Figure 7.1 Future investment opportunities for the Gladstone and Wurdong areas

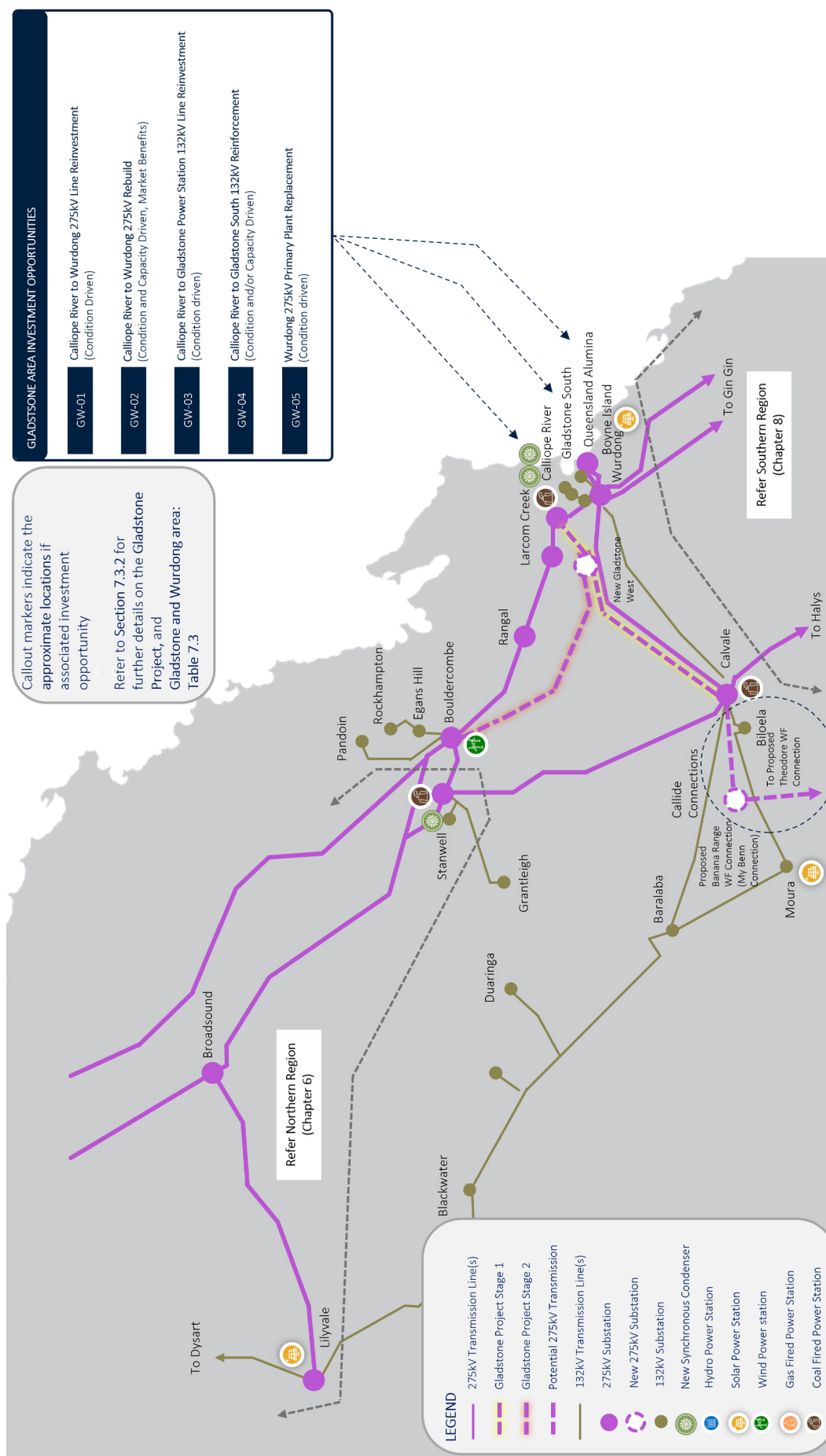


Table 7.2 Gladstone and Wurdong investment opportunities within the 10-year outlook period

ID	Potential project	High level scope	Purpose	Indicative timing	Alternatives	Indicative cost	Status
GW-01	Calliope River to Wurdong 275kV transmission reinvestment	Line refit on the 275kV transmission line	Emerging network asset condition and reliability of supply risks	June 2033	Rebuild of the Calliope River to Wurdong 275kV line Where increased network capacity is required, a higher capacity rebuild option is considered (refer to GW-02)	\$33 million	Uncommitted
GW-02	Calliope River to Wurdong 275kV transmission network rebuild	Replace the three existing single circuit 275kV lines between Calliope River and the Wurdong Tee with two higher capacity double circuit lines	Emerging network asset condition, capacity, and market benefit drivers	Scenario dependent and market benefits. This project would consider both emerging condition related risks (refer GW-01) and capacity drivers to optimise investment scope and timings	Alternative configurations and staging for rebuilding the Calliope River to Wurdong 275kV network to higher capacity	\$200 million	Uncommitted
GW-03	Calliope River to Gladstone Power Station 132kV reinvestment	Line refits of the existing 132kV line. These lines supply Ergon Energy loads and will therefore need to be maintained post Gladstone Power Station closure	Emerging network asset condition and reliability of supply risks	June 2035	Rebuild of the Calliope River to Gladstone 132kV transmission line	\$7 million	Uncommitted
GW-04	Calliope River and Gladstone Power Station to Callemondah Substation reinforcement	Rebuild of the existing 132kV double circuit line to higher capacity	Emerging asset condition and capacity drivers	Scenario dependent on block load increases within the Gladstone South and QAL area. This project would consider both emerging condition related risks and capacity drivers to optimise investment scope and timings	Construction of new 132kV line from alternate substation locations	\$120 million	Uncommitted
GW-05	Wurdong 275kV selected primary plant replacement	Replacement of selected primary plant	Emerging asset condition risks	June 2035	Rebuild of Wurdong 275kV substation site	\$30 million	Uncommitted

7.3.5 Five-year investment profiles

Powerlink does not currently anticipate any further network investments above the RIT-T cost threshold being required to address emerging asset condition or network capacity risks within the Gladstone and Wurdong areas within the next five years.

7.3.6 Other potential developments

Further augmentation may be required where future demand exceeds the capability of the baseline network established by the Gladstone Project. Potential industrial electrification and new large loads within the Gladstone area could result in demand growth beyond current planning forecasts and the capability of the transmission network following completion of the Gladstone Project. The scale and pace of additional load development will shape the scope and timing of future network developments and potential non-network solutions.

Emerging condition-based risks on existing 275kV transmission lines may also require line-refit works within the 10-year outlook period and more substantial lifecycle intervention beyond this period. These needs may provide opportunities to coordinate asset reinvestment with future network augmentation and reconfiguration.

Potential transmission network solutions to increase the net supportable load within the greater Gladstone and Wurdong areas include the following:

- Installation of power flow control devices to optimise power flow transfers across the 275kV meshed network (nominally on the existing Calvale to Wurdong 275kV transmission line)
- Construction of a 275kV double circuit transmission line between the future Gladstone West and Larcom Creek substations
- Advancement of the rebuild of the existing single circuit 275kV transmission lines between Larcom Creek and Calliope River
- Advancement of the rebuild of the existing single circuit 275kV transmission lines between the Calliope River and Wurdong substations
- Advancement of the rebuild of the existing single circuit 275kV transmission line between the future Gladstone West and Calliope River substations
- Rebuild of the existing single circuit coastal 275kV transmission line between the Bouldercombe and Larcom Creek (via Raglan) substations.

The optimal scope and sequencing of potential network augmentation, reinvestment or reconfiguration will depend on location and scale of generation and load developments, both within the Gladstone and Wurdong area, and more broadly across the Queensland network to maintain supply reliability and support efficient and economic market operation.

7.3.7 Possible asset retirements

Powerlink has not identified any potential asset retirements within the greater Gladstone and Wurdong area within the 10-year outlook period.

7.4 Bouldercombe and Rockhampton, and Central West investment outlook

Figure 7.2 provides a geographic overview of the Bouldercombe and Rockhampton, and Central West areas. Potential investment opportunities for these areas are discussed in sections 7.5 and 7.6.



7.5 Bouldercombe and Rockhampton area

The Bouldercombe and Stanwell substations form the northern connection points of the Central Queensland transmission network. While Stanwell Substation and Power Station are geographically located within Central Queensland, transmission investments associated with Stanwell are discussed in Chapter 6 (Northern Region) as this forms part of the Central Queensland to North Queensland transmission backbone.

Bouldercombe Substation is the primary 275/132kV supply point for the Rockhampton area. The Rockhampton 132kV transmission network extends to the Rockhampton, Egans Hill and Pandoin substations. The network supports the Ergon 66kV and 33kV networks and distribution systems supplying residential, commercial and industrial customers throughout the greater Rockhampton region and surrounding communities.

The 132kV network supplied from Bouldercombe also provides supply to Aurizon traction substations and auxiliary supplies for Stanwell Power Station.

7.5.1 Existing and committed network developments

Network investments within the Rockhampton area have included line refit works on the 132kV transmission network, and secondary systems works at Egans Hills Substation. Powerlink has also completed connection of large-scale generation projects and Stanwell Battery Energy Storage System (BESS).

Detailed information on committed developments is provided in Chapter 10.

7.5.2 Emerging and evolving investment drivers

Based on current demand forecasts, the existing transmission network is forecast to remain capable of supplying customer requirements over the 10-year outlook period.

Future investment drivers are expected to be primarily associated with asset condition and obsolescence risks across the existing 132kV network. Emerging condition risks have been identified on sections of the transmission network, together with associated primary plant, transformers and secondary systems.

Powerlink will continue to monitor these developments through our annual planning process and ongoing joint planning activities with Ergon Energy.

7.5.3 Future network investments and opportunities

One future investment opportunity within the Bouldercombe and Rockhampton area is detailed within Table 7.3. The opportunity does not constitute a committed project, and the scope, timing and implementation remain subject to further assessment and investment decision-making processes.

Table 7.3 Bouldercombe and Rockhampton area investment opportunity within the 10-year outlook period

ID	Potential project	High level scope	Purpose	Indicative Timing	Alternatives	Indicative cost	Status
BR-01	Pandoin 132kV secondary systems replacement	Replacement of secondary systems	Address emerging condition and obsolescence risks	June 2036	Selected secondary systems replacement and reinforcement of the Ergon Energy 66kV sub-transmission network	\$6 million	Uncommitted

7.5.4 Five-year investment profiles

Powerlink does not currently anticipate any network investments above the RIT-T cost threshold being required to address asset condition risks or network capacity limitations within the next five years.

7.5.5 Other potential developments

The Rockhampton area continues to experience residential, commercial and industrial growth, particularly in the north-western part of the greater Rockhampton area and nearby coastal Yeppoon communities. Future augmentation requirements may emerge if demand growth exceeds current forecasts or additional large customer developments proceed.

7.5.6 Possible asset retirements

Powerlink has not identified any potential asset retirements in the Rockhampton area within the 10-year outlook period.

7.6 Central West area

The Central West area comprises the inland transmission network serving Moura, Biloela, Blackwater and surrounding mining, agricultural, rail and regional communities. Electricity demand is driven by mining operations, Aurizon's electrified rail network, and the Ergon Energy distribution supply to regional townships and agricultural communities.

The area is primarily supplied by a 132kV network extending from the Calvale and Lilyvale 275/132kV substations. A significant proportion of the network was developed between the 1960s and 1980s to support mining development and rail electrification across Central Queensland.

7.6.1 Existing and committed network developments

Recent investments within the Central West area have included transformer replacement and substation works to address asset condition risks associated with ageing infrastructure. Powerlink has also completed or committed a number of network connection projects to support new large-scale generation and BESS developments.

Further information on completed and committed developments is provided in Chapter 10.

7.6.2 Future network investment and opportunities

The existing transmission network is expected to continue providing sufficient capacity to meet forecast electricity demand within the Central West area. Future reinvestment needs are driven primarily by emerging condition and obsolescence risks.

Table 7.4 summarises these opportunities and their indicative timing with further detail provided in the following sections. These opportunities do not constitute committed projects, and their scope, timing and implementation remain subject to further assessment and investment decision-making processes.

The investment profile for the one project Powerlink anticipates may be required within five years is included in the investment profile table following Table 7.4. Other investment opportunities identified in the 10-year outlook are not profiled as their indicative need falls outside the five-year period.

Table 7.4 Central West area investment opportunities within the 10-year outlook period

ID	Potential project	High level scope	Purpose	Indicative Timing	Alternatives	Indicative cost	Status
CW-01	Calvale 275kV selected primary plant replacement	Replacement of 275kV primary plant, uprate 275kV busbars and remove bus zone CT feeder rating limitations	Address emerging condition related risks	December 2033	Rebuild of existing Calvale 275kV switchyard	\$39 million	Uncommitted
CW-02	Moura 132/66kV transformer rectification or replacement	Replacement of existing transformer and life extension of the second transformer	Address emerging transformer condition risks	June 2032	Replacement of both Moura 132/66kV transformers	\$11 million	Uncommitted
CW-03	Blackwater 132kV secondary systems replacement	Selected replacement of 132kV secondary systems	Address emerging network asset condition and obsolescence risks	June 2033	Full 132kV secondary systems replacement	\$19 million	Uncommitted
CW-04	Biloela 132kV secondary systems replacement	Selected replacement of 132kV secondary systems	Address emerging network asset condition and obsolescence risks	December 2033	Full 132kV secondary systems replacement	\$21 million	Uncommitted

7.6.3 Five-year investment profiles

Powerlink anticipates one potential network investment above the RIT-T cost threshold may be required to address the risks arising from the condition of assets in the Central West area within the next five years.

CW-02 Maintaining reliability of supply at Moura

Item	Description
Location	Moura substation located around 80km west of Calvale
Asset details	Established in the 1970s as part of the 132kV inland transmission network supplying mining loads
Investment context	The Moura 132/66kV transformers primarily supply mining load and the Ergon Energy distribution network servicing the local township. Moura Solar Farm was commissioned in 2022 and is connected to the transmission network at Moura Substation. The solar farm supplies local demand and reduces power transfers across sections of the surrounding 132kV transmission network during periods of generation output.
Investment driver	Address emerging condition risks associated with the Moura 132/66kV transformers
Indicative timing	June 2032
Status	Uncommitted
Proposed network solution	Replacement of Transformer T1 by June 2032 and refit of Transformer T2 by June 2032 at an estimated cost of \$11 million
Other potential network solutions	Replacement of both 132/66kV transformers by June 2032
Potential non-network solutions	Potential non-network solutions would need to provide supply to the Moura load of up to 70MW and 1,500MWh on a continuous basis
Inter-network impact	This network development is not anticipated to have material inter-network impacts

7.6.4 Other potential developments

Block load developments

Based on current demand forecasts and committed developments, network limitations have not been identified across the Central West 132kV network over the 10-year outlook. However, available headroom on the Calvale to Moura 132kV network is limited, and additional demand growth associated with mining expansion, electrification, or other load developments above current forecasts may require future network investment.

Moura 132kV consolidation strategy

As sections of the existing 132kV network in the greater Moura area approach end of technical service life, future reinvestment activities provide an opportunity to optimise network configuration while maintaining reliable supply.

The existing network comprises a series of single circuit 132kV lines connecting the Calvale, Baralaba, Moura and Duaringa substations. One potential medium to longer-term pathway involves establishing a new double circuit 132kV line between the Calvale and Moura substations, enabling the progressive retirement of Baralaba Substation and selected 132kV line sections between the Calvale, Baralaba, Moura and Duaringa substations. This may provide a more efficient and economic longer-term network configuration.

The timing and scope of any network configuration changes will be assessed as network requirements evolve, and will be aligned with network asset condition, load forecasts, customer requirements, and telecommunications and protection system needs.

Calvale connections

Powerlink is working with a number of proponents seeking to connect into Calvale Substation. Two customer connection projects, the Banana Range Wind Farm Connection Project and Theodore Wind Farm Connection Project, continue to progress through project development and investment processes.

Technical, commercial, land, approvals, delivery, and stakeholder engagement work is ongoing, and Powerlink continues to work with proponents and various stakeholders to support future investment decisions and the ongoing development of the projects.

7.6.5 Possible asset retirements

Powerlink has not identified any potential asset retirements in the Central West area within the 10-year outlook period.

7.7 Central Region transmission line refit program

Where smaller transmission line refit requirements have been identified within the Central Region, these may be grouped into regional programs as part of Powerlink's Geographic Line Refit Program. This approach is intended to improve delivery efficiency and reduce costs by coordinating geographically proximate transmission line refit requirements that might otherwise be addressed separately. Transmission lines currently identified for potential inclusion in the Central Region line refit program are summarised in Table 7.5.

Table 7.5 Transmission lines under consideration for inclusion in Central Region line refit program in the 10-year outlook period

Transmission line	Zone	Potential line refit program
Line refit works on the 275kV transmission line between Calliope River and Larcom Creek substations	Gladstone	Rockhampton/Gladstone
Line refit works on the 275kV transmission line between Bouldercombe Substation and Bouldercombe Tee	Central West	Rockhampton/Gladstone
Line refit works on the two 132kV transmission lines between Gladstone South and QAL substations	Gladstone	Rockhampton/Gladstone

7.8 Central Region lines approaching end of technical service life

The following table provides a consolidated outlook of transmission lines in the Central Region expected to approach end of technical service life within the 10-year outlook period and may require future intervention, reinvestment or other life cycle management actions.

Assets identified within the 10-year outlook are subject to active planning, investment assessment or lifecycle management activities, with potential responses including life extension, refurbishment, replacement, operational management strategies or retirement.

Transmission lines expected to approach end of technical service life between 10 and 20 years are provided in Appendix F.

Table 7.6 Central Region transmission lines approaching end of technical service: 10-year outlook

Zone	Feeder	Voltage	General location
Central West	812	275kV	Between Calliope River and Bouldercombe substations
Central West	7109/1, 7109/2	132kV	Between Calvale and Baralaba Tee Biloela substations
Central West	7110/1, 7110/2, 7110/3	132kV	Between Calvale and Moura Tee Biloela substations
Central West	7112	132kV	Between Moura and Baralaba substations
Central West	7170	132kV	Between Bouldercombe and Rocklands substations
Central West	7221	132kV	Between Bouldercombe and Egans Hill substations
Gladstone	818	275kV	Between Calliope River and Wurdong substations
Gladstone	8859	275kV	Between Calliope River and Larcom Creek substations
Gladstone	8875	275kV	Between Larcom Creek and Raglan substations
Gladstone	8876, 8879	275kV	Between Gladstone and Calliope River substations
Gladstone	8877, 8878	275kV	Between Gladstone and Calliope River substations
Gladstone	760	132kV	Between Calliope River and Gladstone South substations
Gladstone	761	132kV	Between Calliope River and Callemondah substations
Gladstone	7101, 7102/1	132kV	Between Gladstone South and QAL substations
Gladstone	7145, 7146	132kV	Between Calliope River and Boyne Island substation
Gladstone	7169	132kV	Between Gladstone South and Callemondah substations