AusNet

Asset Renewal Plan - 2024

Thursday, 10 October 2024

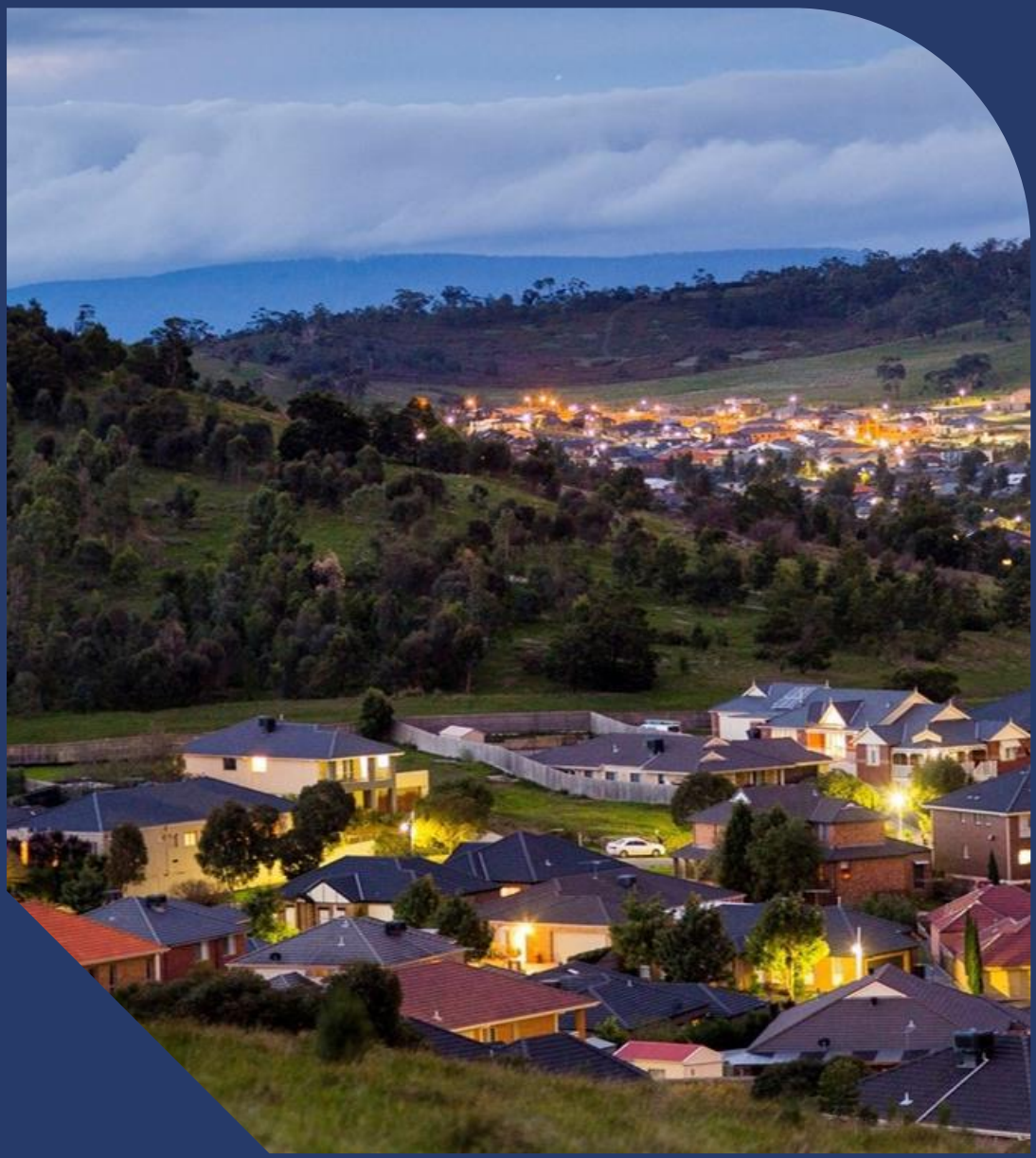

Table of contents

1. Asset Management Approach

1.1. Asset Management Framework

AusNet Services' asset management system contains an asset management policy statement, strategic asset management plan, asset management objectives and a detailed suite of asset management strategies and an asset management plan.

The asset management policy acknowledges the company's purpose and directs the content and implementation of asset management strategies, objectives, and plans.

In the development of asset management strategies, asset management decisions are informed by an assessment of the external business environment, the corporate business and financial plans and responses to stakeholder engagement, which incorporates customer, generator, regulator, shareholder, and government views.

AusNet Services' asset management framework is illustrated in **Error! Reference source not found.**.

Figure 1: Asset Management Framework

AusNet Services uses a risk-based cost benefit analysis methodology to guide asset replacement decisions. The decision-making process considers the likelihood of failure (based on historic failure data and asset age and condition information) and the consequences of failure to value the risk of asset failure in monetary terms. **Error! Reference source not found.** shows the factors considered in the cost benefit analysis.

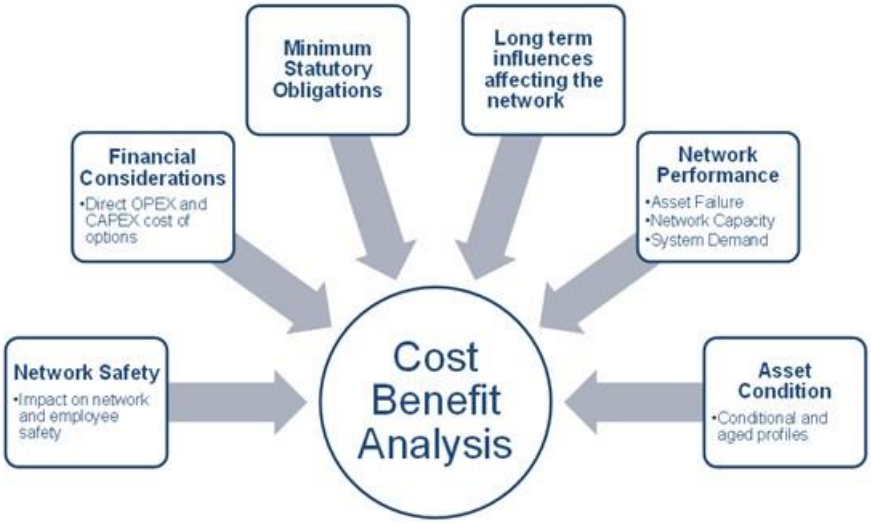

Figure 2: Cost Benefit Analysis Inputs

A range of options are considered as part of the cost benefit analysis including network reconfiguration, asset retirement, asset refurbishment, asset replacement and non-network alternatives.

The methodology assesses whether the overall economic value of expenditure is positive and ensures that risks are reduced as far as practicable, as required by the Electricity Safety Act 1998.

1.2. Further Information

Further information on AusNet Services' asset management strategy and methodology may be obtained by contacting rittconsultations@ausnetservices.com.au. In the subject field, please reference 'Asset Management Strategy'.

2. Ten-Year Asset Replacement Plan

The ten-year asset replacement plan (in calendar years) focuses on major transmission asset replacement projects. AusNet Services' asset renewal plan does not propose any network changes that will have a material inter-network impact and AusNet Services has liaised with AEMO to integrate the asset renewal plan with AEMO's transmission augmentation plan for Victoria as well as AEMO's Integrated System Plan (ISP).

AEMO has also been consulted to review and assess the asset renewal plan in relation to the most recent power system frequency risk review.

2.1. Asset Renewal Options

The following asset renewal options are considered in the asset renewal evaluation and project specification:

- Renewal by Asset Class is employed when a class of assets has either a higher than acceptable failure rate or exhibits a higher deterioration rate than its peers. This approach avoids widespread deterioration in network performance due to multiple, asset class-related failures.
- Selective or Staged Replacement.
- Renewal on a Bay-by-Bay (or Scheme/Network) basis is employed when it is economic to replace all primary plant and equipment within a specific bay or scheme. This strategy is often adopted for terminal station renewals and where planned outages are challenging.
- Replacement of Whole Station in Existing Location (Brownfield) is employed when it is economic to replace most assets as part of a single, coordinated project within the existing station (normally when station assets are approaching the end of their life and there are advantages in reconfiguring primary electrical circuits).
- Replacement of Whole Station in New Location (Greenfield) is employed for the construction of a replacement station on a new site. It is a more expensive strategy than works within an existing station due to the need to procure new land, establish key infrastructure, and to relocate lines. It is usually only economic when the existing infrastructure is inadequate, and replacement works cannot occur without a sustained supply disruption due to limitations at the existing site.

Non-network options are considered in AusNet Services' asset renewal approach once an identified need has been determined and include options such as demand side response and embedded generation. Non-network solutions are considered in the RIT-T process to find the most economical technically feasible solution.

2.2. Asset Renewal Plan 2024

Some changes to scope, cost estimate and completion date have been made for some projects included in the 2024 Asset Renewal Plan compared with last year's plan. The completion dates of the projects that are not committed yet have been updated in this plan based on the latest asset failure risk analysis.

The cost estimates allow for the entire project cost including project management cost, overheads and finance cost.

Wherever possible, asset renewal works are planned at times that minimise the impact of circuit outages.

The plan is subject to change based on the results of further asset condition analysis, asset failures necessitating a reprioritisation of projects and regulatory revenue decisions.

No urgent or unforeseen network issues have been identified to date.

A description of the planned asset replacements is given below.

Project Name	Location*	Total Cost ($M)	Target Completion	Network Assets to be Retired	Reasons for Retirement	Date of Retirement	Constraints	Proposed Replacement	Options Considered	Request for Proposal Date	Changes Compared with Last Plan
ERTS Redevelopment - Stage 1	East Rowville Terminal Station	20	2024	One 150 MVA 220/66kV transformer, two 220kV circuit breakers and three 66kV Circuit Breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2022 2024	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	A request for proposal will not be issued for this project as it is a committed project and is already in its build phase	No change
ERTS Redevelopment - Stage 2	East Rowville Terminal Station	24	2024	Two 150MVA 220/66kV transformers and eight 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2022 2024	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	No change
BLTS 66kV Circuit Breaker Replacement	Brooklyn Terminal Station	16	2024	Fifteen 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2022 2024	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	No change
Transmission Line Ground wire Replacement - Phase 1	Several locations	24	2025	Selected ground wire & conductor sections	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2023 2025	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change in completion date
Transmission Line Insulator Replacement	Several locations	10	2025	Selected insulators	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2023 2025	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2025	Change to cost, scope and completion date
Anakie 500 kV Transmission tower rebuild	T134 - T136 SYTS-MLTS 1 & 2	40	2025	Towers and overhead lines assets	Impacted towers and overhead lines during storm event in Feb 2024	From 2025	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	N/A	2024/25	New Project
MSS-DDTS Nos 1 and 2 tower upgrades	MSS-DDTS line	35	2026	Selected towers/ tower parts	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2024 2026	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost and completion date (i.e., commitment to ESV)
Transmission Line GW Replacement - Phase 2	SYTS-MLTS	10	2026	Selected ground wire & conductor sections	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2024 2026	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date
HYTS-APD 500 kV line replacement Stage 1	HYTS-APD line, T624- T628B	48	2026	Selected towers, conductor and ground wire	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2024 2026	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2024	Change to cost, scope and completion date
SYTS 500kV GIS Replacement	Sydenham Terminal Station	115	2027	500kV GIS	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2025 2027	Market and network user economic impact following an asset failure	New 500kV outdoor station to replace the GIS	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date

Project Name	Location*	Total Cost ($M)	Target Completion	Network Assets to be Retired	Reasons for Retirement	Date of Retirement	Constraints	Proposed Replacement	Options Considered	Request for Proposal Date	Changes Compared with Last Plan
TSTS Transformer and 66kV Circuit Breaker Replacement	Templestowe Terminal Station	89	2027	Two 220/66kV transformers, two 66kV minimum oil Circuit Breakers and eleven 66kV bulk oil Circuit Breakers, and install new protection and control systems	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2025 2027	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date
Instrument Transformer replacements	Several locations	10	2027	Selected CVTs and VTs	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2025 2027	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2024/25	Change to cost, scope and completion date
Moorabool Terminal Station Circuit Breaker Replacement	Moorabool Terminal Station	60	2027	Eight 500kV circuit breakers and ten 220kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2025 2027	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date
Transmission line insulator replacement program	HWTS-SMTS 2 , SMTS-SYTS 1, SYTS-KTS, CSTS-ROTS 500Kv	10	2027	Selected insulators	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2025 2027	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2024/25	Change to cost
Rectification of low transmission line conductor spans: Stage 1: Ground clearance < 6m at maximum operating temperature	Transmission lines	TBA	2027	No retirement	Conductor ground clearance has to be increased to ensure the reliability and safety of the circuit	From 2025 2027	Market and network user economic impact	Raise conductors	Staged program	2024/25	New Project
SHTS Transformer and Circuit Breaker Replacement	Shepparton Terminal Station	67	2028	Two 150MVA 220/66kV transformers and twelve 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2026 2028	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date
HYTS-APD 500 kV line replacement Stage 2	HYTS-APD line, T605- T623	110	2028	Selected towers, conductor and ground wire	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2026 2028	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2024/25	New Project
ROTS GIL Replacement	ROTS	30	2028	ROTS GILs (ROTS-SMTS and ROTS-TTS circuits)	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2026 2028	Market and network user economic impact following an asset failure	Replace with Cable	Refurbishment, replacement with cable and undergrounding 220 kV lines	2024/25	New project
Transmission 330kV and 500kV line conductor and ground-wire replacement program	LYPS-HWTS, HWTS-CBTS, SMTS-SYTS and HWTS-ROTS, SMTS-SYTS, SYTS-KTS, SYTS-MLTS, MSS-DDTS 330KV and 500kV line	10	2028	Selected ground wire & conductor sections	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2026 2028	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2025/26	Change to cost, scope and completion date
RCTS Transformer Replacement	Red Cliffs Terminal Station	57	2028	Two 220/22kV transformers and two 220/66kV transformers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in	From 2026 2028	Market and network user economic impact following an asset failure	Two 66/22 kV transformers and two 150MVA 220/66kV transformers	Refurbishment, replacement and staged replacement	RIT-T completed	Change to cost, scope and completion date

Project Name	Location*	Total Cost ($M)	Target Completion	Network Assets to be Retired	Reasons for Retirement	Date of Retirement	Constraints	Proposed Replacement	Options Considered	Request for Proposal Date	Changes Compared with Last Plan
					the event of an asset failure.						
KTS 500/220kV Transformer Replacement	Keilor Terminal Station	150	2029	A2, A3 and A4 750MVA 500/220kV transformers, No.1 220kV capacitor bank circuit breakers and B4 150 MVA 220/66 kV transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2027 2029	Market and network user economic impact following an asset failure	Replacement with 1000MVA 500/220kV transformers and one 150 MVA 220/66kV transformer	Refurbishment, replacement and staged replacement	2024	Change to cost, scope and completion date
SMTS 500kV GIS and F2 Transformer Replacement	South Morang Terminal Station	180	2029	500kV GIS and a the F2 1000 MVA 500/330 kV transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2027 2029	Market and network user economic impact following an asset failure	New 500kV outdoor station to replace the GIS. Replace with 1000 MVA 500/330kV transformer	Refurbishment, replacement and staged replacement	2024	Change to cost, scope and completion date
TTS Circuit Breaker Replacement	Thomastown Terminal Station	25	2029	One 220kV circuit breaker and fourteen 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2027 2029	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2025/26	Change to cost and completion date
ROTS 220kV Circuit Breaker Replacement	Rowville Terminal Station	15	2029	Five 220kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2027 2029	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2025/26	Change to cost, scope and completion date
SMTS 330/220kV Transformer Replacement	South Morang Terminal Station	80	2030	Two 700 MVA 330/220 kV transformers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2028 2030	Market and network user economic impact following an asset failure	In service and spare 700 MVA 330/220 kV transformers	Refurbishment, replacement and staged replacement	2024	Change to cost, scope and completion date
Transmission line conductor and ground-wire replacement program	Several locations	23	2030	Selected ground wire & conductor sections	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2028 2030	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2026/27	Change to cost, scope and completion date
LYPS and HWTS 500kV Circuit Breaker Replacement Stage 2	Loy Yang Power Station Switchyard and Hazelwood Terminal Station	60	2030	Fourteen 500kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2028 2030	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2026/27	Change to cost, scope and completion date
Transmission line insulator replacement	Several locations	15	2030	Selected insulators	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2028 2030	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2026/27	Change to cost and completion date
TBTS B1 Transformer Replacement	Tyabb Terminal Station	17	2030	One 150MVA 220/66kV transformers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2028 2030	Load at risk	One 150MVA 220/66kV transformers	Integrated replacement, staged replacement, asset retirement, demand side management, embedded generation and retirement	2027	New Project

Project Name	Location*	Total Cost ($M)	Target Completion	Network Assets to be Retired	Reasons for Retirement	Date of Retirement	Constraints	Proposed Replacement	Options Considered	Request for Proposal Date	Changes Compared with Last Plan
NPSD 220kV GIS	Newport Power Station Switchyard	70	2031	220 kV GIS	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market and network user economic impact following an asset failure	Replace with either GIS or outdoor switchyard	Refurbishment, replacement and staged replacement	2024	Change to cost, scope and completion date
LY 66kV Circuit Breaker Replacement	Loy Yang 66kV Switch Yard	20	2031	Sixteen 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2028	Change to cost and completion date
MWTS 66kV Circuit Breaker Replacement	Morwell Terminal Station	10	2031	Thirteen 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2028	Change to cost, scope and completion date
GTS B4 Transformer and Switchgear Replacement	Geelong Terminal Station	45	2031	150 MVA 220/66 kV transformer and 220kV and 66 kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2028	New Project
BATS B2 220/66kV Transformer Replacement	Ballarat Terminal Station	25	2031	B2 220/66kV Transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2028	Change to cost
TGTS B2 Transformer Replacement		25	2031	220/66 kV transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2029 2031	Market impact and load at risk	A 220/66 kV transformer	Integrated replacement, staged replacement, asset retirement, demand side management, embedded generation and retirement	2028	New project
DDTS H3 330/220kV Transformer and Circuit Breaker Replacement	Dederang Terminal Station	72	2032	One 340MVA 330/220kV transformer and two 330kV Circuit Breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2030 2032	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2029	Change to cost, scope and completion date
KGTS transformer and Switchgear Replacement	Kerang Terminal Station	50	2032	Two 37MVA 220/66kV transformers and two 22kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2030 2032	Market and network user economic impact following an asset failure	Replace with 220/66 kV and 66/22 kV transformers	Refurbishment, replacement and staged replacement	2029	Change to cost, scope and completion date
YPS 220kV Circuit Breaker Replacement Stage 2	Yallourn Power Station Switchyard	35	2032	Four 220kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2030 2032	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2029	Change to cost
TBTS 220kV and 66kV Circuit Breaker Replacement	Tyabb Terminal Station	20	2032	Four 220kV circuit breakers and five 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in	From 2030 2032	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2029	Change to cost, scope and completion date

Project Name	Location*	Total Cost ($M)	Target Completion	Network Assets to be Retired	Reasons for Retirement	Date of Retirement	Constraints	Proposed Replacement	Options Considered	Request for Proposal Date	Changes Compared with Last Plan
					the event of an asset failure.						
MLTS A1 Transformer and Shunt Reactor Replacement	Moorabool Terminal Station	65	2033	1000 MVA 500/220kV transformer, one 220kV shunt reactor and two 500 kV shunt reactors	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2031 2033	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2030	New Project
MWTS B3 Transformer Replacement	Morwell Terminal Station	25	2034	B3 220/66kV transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2032 2034	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2031	Change to cost, scope and completion date
RWTS B3 Transformer Replacement	Ringwood Terminal Station	25	2034	One 150MVA 220/66kV transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2032 2034	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2031	Change to cost, scope and completion date
GNTS B2 220/66kV Transformer Replacement	Glenrowan Terminal Station	25	2034	B2 220/66kV Transformer	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2032 2034	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2031	Change to cost, scope and completion date
FBTS B3 Transformer and Circuit Breaker Replacement	Fishermans Bend Terminal Station	25	2034	One 150MVA 220/66kV transformer and four 66kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2032 2034	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2031	New Project
BETS B4 220/66kV Transformer and 66kV Circuit Breaker Replacement	Bendigo Terminal Station	26	2034	150 MVA 220/66kV transformer and 66 kV circuit breakers	Condition and age of assets presenting a safety, supply, environmental and collateral damage risk in the event of an asset failure.	From 2032 2034	Market and network user economic impact following an asset failure	Like-for-like replacement of retired assets	Refurbishment, replacement and staged replacement	2031	New Project

2.3. Regulatory Investment Test for Transmission (RIT-T) Schedule

Figure 3 shows the asset renewal RIT-Ts that are in progress. AusNet Services' RIT-T consultations can be found at: Regulatory investment test - AusNet (ausnetservices.com.au)

Title	Identified Need	Location	Report	Consultation Closes
Conductor & Ground Wire Replacement	Maintain Supply Reliability	Transmission Lines multiple circuits	**Project Specification Consultation Report** **Project Assessment Draft Report**	22nd July 2022 31st May 2023
Connection Enablement: Wodonga–Barnawartha in North-Eastern Victoria	Address sub-transmission constraints to enable more renewable generation connections	Wodonga subtransmission loop	**Project Specification Consultation Report** **Project Assessment Draft Report**	1st May 2024 16th August 2024
Tower replacement on the Heywood to Alcoa Portland 500kV line	Maintain Safety & Assist Safety Objectives as per Mission Zero	Heywood Terminal Station to Alcoa Portland Smelter	**Project Specification Consultation Report**	31st May 2024
Maintain reliable transmission network services at South Morang Terminal Station	Maintain reliable transmission network services at South Morang Terminal Station	South Morang Terminal Station (SMTS)	**Project Specification Consultation Report**	30th August 2024
Maintain reliable transmission network services at Keilor Terminal Station	Maintain reliable transmission network services at Keilor Terminal Station	Keilor Terminal Station	**Project Specification Consultation Report**	3rd October 2024
Maintaining reliable 330/220 kV transformation network services at South Morang Terminal Station	Maintaining reliable 330/220 kV transformation network services at South Morang Terminal Station	South Morang Terminal Station	**Project Specification Consultation Report**	15th November 2024

Figure 3: RIT-T Projects that are being progressed

AusNet Services

Level 31
2 Southbank Boulevard
Southbank VIC 3006
T +613 9695 6000
F +613 9695 6666
Locked Bag 14051 Melbourne City Mail Centre Melbourne VIC 8001
www.AusNetservices.com.au

Follow us on

@AusNetServices
@AusNetServices
@AusNet.Services.Energy

AusNet