



Attachment 0.05

Document register

31 January 2023

PowerWater

1. Document register

The following table sets out the list of documents that comprise our Regulatory Proposal for the 2024-29 regulatory period. It also details the focus and relationship of each document to other documents provided, as required Schedule 1, clause 1.4(d) of the Northern Territory National Electricity Rules, of the reset regulatory information notice (Reset RIN). We have also identified if we have submitted a public version only, or whether we have submitted both a public and confidential version as identified in our confidentiality response in document number 0.02. Please note that we have separately identified documents provided under the Reset RIN together with a separate confidentiality response.

Table 1.1 Proposal documentation

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
0.00	Regulatory Proposal	This is our main regulatory proposal and includes the requirement for a customer overview	Public version only
0.01	Cover Letter	This document is the cover letter provided with our regulatory proposal	Public version and confidential version
0.02	Confidentiality Response	This document sets out our confidentiality claims for the proposal and our response to the Reset RIN	Public version only
0.03	Compliance Checklist	This document provides a reference table which indicates how or where compliance requirements are addressed by the regulatory proposal.	Public version only
0.04	Key Assumptions and Board Certification	This document supports our capex and operating expenditure (opex) forecasts, by providing further information on the key assumptions underpinning our forecasts	Public version and confidential version
0.05	Document Register	The current document.	Public version only
0.06	Addressing the NER capex and opex objectives, criteria and factors	This document summarises how we have addressed the NT NER requirements for our capex and opex forecast	Public version only
0.07	Proposal Table and Charts Model	This document provides a consolidated model of all charts and tables relied upon for our Regulatory Proposal and key attachments provided in support of our Regulatory Proposal.	Public version and confidential version

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
1.01	Engagement Attachment	This document details the customer engagement undertaken in support our Regulatory Proposal	Public version only
1.02	Dr Andrew Nance - Independent Engagement Report	A report by Dr Andrew Nance PhD, an external consultant, as an independent consumer perspective on Power and Water's development of our regulatory proposal	Public version only
1.03	Response to Draft Plan feedback	This document provides our response to feedback received on our Draft Plan	Public version only
2.01	Operating Model Program Narrative	This document provides a summary of our operating model transformation program, that supports our proposed capex and opex forecast	Public version and confidential version
2.02	BIS Oxford - Labour Cost Escalation Report	A report by BIS Oxford, an external consultant, on cost escalators. It supports our proposed cost escalators for capex and opex	Public version only
2.03	BIS Oxford - Materials & Land Input Cost Escalation Report	A report by BIS Oxford, an external consultant, on cost escalators. It supports our proposed cost escalators for capex and opex	Public version only
7.01	Service Classification Attachment	This document is our classification proposal and details the service classification that our proposal is based on	Public version only
7.02	Control Mechanism formula	This document provides further information on how we propose to apply the control mechanisms for Standard Control Services (SCS) and Alternative Control Services (ACS)	Public version only
8.01	Capex Attachment	This is the main attachment supporting our proposed capital expenditure (capex) forecast. It is supported by a range of subordinate business cases and models	Public version and confidential version
8.02	SCS Capex model	This is our capex model that supports our capex forecast	Public version and confidential version
8.03	Master list of forecast capex projects and programs	This document provides a master list of the projects and programs included in our capex forecast	Public version and confidential version

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.04	Project Investment Delivery Management Standard	This document describes the governance framework and stages for authorising planned projects through the delivery stage. It explains the approval process for a capital project and supports our capex forecast by demonstrating that the processes lead to prudent decisions	Public version only
8.05	Asset Management Policy Statement	This document supports our proposed capex by demonstrating how we manage our assets	Public version only
8.06	Network Capital Delivery Plan	This document supports our proposed capex by demonstrating how we will resource the delivery of the capex program	Public version only
8.07	Cost Estimation Methodology and Approach	This document supports our unit rate forecasts that underpin our forecast of replacement expenditure (repex) for the next regulatory control period	Public version and confidential version
8.08	Future Network Strategy (Including DER Integration Strategy)	This document supports our proposed capex by demonstrating how we meet the future requirements of our transmission and distribution network in response to the energy transition and changing customer preferences	Public version only
8.09	DRAFT Risk Quantification Procedure	This document describes the process we use to quantify asset and network risk for use in project justification	Public version only
8.10	Volumetric Model Description	This document describes the model used to develop the forecast capex for the volumetric replacement program in Attachment 8.25	Public version only
8.11	Energy Market Consulting associates - Repex Model Report	A report by EMCa, an external consultant, on the application of the AER's repex model to the forecast replacement capex	Public version only
8.12	Repex Model (uncalibrated)	This document is the repex model required under the Reset RIN	Public version only
8.13	Power Networks Strategic Asset Management Plan (SAMP)	This document provides our asset management framework for management of power networks assets	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.14	AMP Poles and Towers	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.15	AMP Conductors	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.16	AMP Underground Cables	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.17	AMP Distribution Substations	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.18	AMP Distribution Switchgear	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.19	AMP High Voltage Circuit Breakers	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.20	AMP Transformers	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.21	AMP Pole Top Assets	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.22	AMP Protection	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.23	AMP Communications	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.24	AMP SCADA	This document is an asset management plan. It supports the capex forecast providing further information on asset condition and risks for each asset class	Public version only
8.25	RBC - REPEX Volumetric Replacement Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.26	RBC REPEX Northern Suburbs Cable Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.27	RBC REPEX Alice Springs Corroded Poles Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.28	RBC REPEX Distribution Switchgear	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.29	RBC REPEX Services Replacement Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.30	RBC REPEX SCADA and Communications Obsolete Asset Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.31	RBC REPEX Cockatoo Conductor Replacement Programme	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.32	RBC REPEX Distribution Pillar Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.33	RBC REPEX ZSS Minor Capital Asset Program	This document is a regulatory business case. It supports the capex forecast set out in by	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
		providing further information on individual replacement projects and programs	
8.34	RBC REPEX Single Phase Underground Distribution Substation Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.35	RBC REPEX Protection Relay Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.36	RBC REPEX Cullen Bay and Bayview LV Cable Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.37	RBC REPEX Communications Battery Replacement Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.38	RBC REPEX Transmission Line Pole Top Corrosion Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.39	RBC REPEX Access Road Refurbishment	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.40	RBC REPEX Communications Hut Refurbishment	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.41	RBC REPEX Code Compliance and Safety Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.42	RBC REPEX Microwave Systems Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version only
8.43	RBC REPEX Cable Tunnel	This document is a regulatory business case. It supports the capex forecast set out in by	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
	Refurbishment Program	providing further information on individual replacement projects and programs	
8.44	RBC REPEX Substation DC Supply System Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.45	RBC REPEX Retirement of DWDM Systems	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.46	RBC REPEX ZSS Fire Systems Replacement	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual replacement projects and programs	Public version and confidential version
8.47	Spatial Demand Forecasting Report	This report outlines the methodology we used to forecast the demand at a substation level in determining the forecast capex	Public version and confidential version
8.48	Energeia - System Minimum and Maximum Demand Forecast Report	A report by Energeia, an external consultant, outlining the methodology we used to forecast the demand at a system level in determining the forecast capex	Public version and confidential version
8.49	RBC AUGEX Voltage Management Alice Springs	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version and confidential version
8.50	RBC AUGEX Design and Planning Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.51	RBC AUGEX Transmission Line Upgrading	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.52	RBC AUGEX Overloaded Feeders Augmentation	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.53	RBC AUGEX Power Quality Compliance	This document is a regulatory business case. It supports the capex forecast set out in by	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
		providing further information on individual augmentation projects and programs	
8.54	RBC AUGEX Poor Performing Feeders	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.55	RBC AUGEX Low Clearance or Easement Compliance	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.56	RBC AUGEX ZSS Protective Security	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.57	RBC AUGEX Misc Comms Project SD-LG Fibre Upgrade	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version and confidential version
8.58	RBC AUGEX Misc Comms Project Darwin to Alice Springs Comms Link	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version and confidential version
8.59	RBC AUGEX Misc Comms Project Antenna Monitoring Program	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version and confidential version
8.60	RBC - AUGEX Misc Comms Project Fountain Head Comms Site Supply Reliability	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual augmentation projects and programs	Public version only
8.61	RBC DER CAPEX Dynamic Operating Envelopes (Hosting Capacity)	This document is a regulatory business case. It supports the capex forecast set out in by providing further information on individual DER augex projects and programs	Public version only
8.62	Connection Policy	This document is our proposed Connection Policy as required under the NT NER	Public version only
8.63	Connections Forecast Model	This is the connections model that supports the connections capex forecast	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.64	Energeia - Connections Forecast Report	A report by Energeia, an external consultant, on the forecast premise and embedded generator connections used in determining the forecast capex.	Public version only
8.65	ICT Strategy	This document outlines our ICT strategy. It supports the proposed capex for non-network ICT by providing the objectives and priorities for non-network capex.	Public version only
8.66	RBC ICT Information Management	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.67	RBC ICT Field Device and Telephony Communications Upgrade	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.68	RBC ICT Software Replacement	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.69	RBC ICT Hardware Replacement	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.70	RBC ICT Minor Projects	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.71	RBC ICT Customer Connectivity	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.72	RBC ICT Cyber Security Baseline	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.73	RBC ICT OT Capability Uplift	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.74	RBC Operating Model (Capability Uplift Project)	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual ICT projects and programs	Public version and confidential version
8.75	Fleet Strategy	This document outlines our Fleet strategy. It supports the proposed capex for non-network ICT by providing the objectives and priorities for non-network capex.	Public version only
8.76	Property Strategy	This document outlines our Property strategy. It supports the proposed capex for non-network ICT by providing the objectives and priorities for non-network capex.	Public version only
8.77	RBC Minor New Works	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual property projects and programs	Public version only
8.78	RBC Facilities Low Value Upgrade	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual property projects and programs	Public version only
8.79	RBC Property Corporate Site Security	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual property projects and programs	Public version only
8.80	RBC Building Compliance and Remediation	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual property projects and programs	Public version only
8.81	RBC Plant & Equipment	This document is a regulatory business case. it supports the capex forecast set out in by providing further information on individual plant and equipment projects and programs	Public version only
8.82	Capitalisation Procedure	This document describes our capitalisation policy and supports our capex forecast	Public version only
8.83	Utilities Commission - Network licence issued to Power and Water Corporation	This document provides a copy of our network licence, from the Utilities Commission, that includes the legislative and regulatory requirements of operating in the Territory	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
8.84	Network Technical Code and Network Planning Criteria	This document provides a copy of the Network Technical Code and Network Planning Criteria, that outlines the jurisdictional planning requirements for our network	Public version only
8.85	2022 Transmission and Distribution Annual Planning Report (TDAPR)	This document is our most recent Transmission and Distribution Annual Planning Report (TDAPR)	Public version only
8.86	Demand Side Engagement Document	This document outlines our approach to demand side engagement	Public version only
9.01	Opex Attachment	This is the main attachment supporting our proposed operating expenditure (opex) forecast. It is supported by the Opex step change attachment and models	Public version only
9.02	Opex Step Change	This document supports our opex forecast by providing additional information on the proposed opex step changes	Public version and confidential version
9.03	SCS Opex Model	This is the base step trend model supporting our opex forecast	Public version only
10.01	Revenue (Building Block) Attachment	This is the main attachment supporting our proposed revenue forecast.	Public version only
10.02	SCS PTRM	This is the completed AER post tax revenue model (PTRM) for our network	Public version only
10.03	SCS Roll-forward Model	This is the completed AER roll forward model (RFM), for our network	Public version only
10.04	SCS Depreciation Model	This is the model supporting the proposed depreciation	Public version only
10.05	Rate of Return Averaging Period	This document supports our proposed rate of return by providing further information on the proposed averaging periods	Public version and confidential version
10.06	Rate of Return Model	This is the model supporting the proposed rate of return	Public version only
10.07	CESS Revenue Model	This is the model to calculate the capital efficiency sharing scheme (CESS) reward or penalty for the application of the scheme	Public version only

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
11.08	Corporate Assets Model	This is the model for corporate assets	Public version only
11.01	Tariff Structure Statement (TSS)	This document is our proposed Tariff Structure Statement (TSS) for the regulatory period	Public version only
11.02	Tariff Structure Explanatory Statement (TSES)	This document provides additional information to explain our TSS	Public version only
11.03	SCS Pricing Model	This is the model supporting the proposed pricing	Public version and confidential version
11.04	Energieia - Periods of Greatest Utilisation Report	A report by Energieia, an external consultant, outlining analysis of the period of greatest network utilisation by loads and exports for network tariffs	Public version only
11.05	Energieia - LRMC Report	A report by Energieia, an external consultant, outlining our approach to long run marginal cost modelling for network tariffs	Public version only
11.06	Energieia - Energy Forecast Report	A report by Energieia, an external consultant, outlining the energy forecast relied upon for the regulatory period	Public version only
11.07	Tariff Structure Statement Overview	This document provides a customer overview of our proposed Tariff Structure Statement (TSS)	Public version only
12.01	Incentive Scheme Attachment	This document provides further information on how we propose to apply the incentive schemes	Public version only
12.02	Cost Pass Through Attachment	This document addresses the events we propose as nominated pass through events	Public version and confidential version
12.03	Negotiating Framework	This document addresses our proposed Negotiating Framework and attaches the framework as Appendix A.	Public version only
13.01	Metering Attachment	This is the main attachment supporting our proposed metering services pricing for the regulatory period. It is supported by a range of subordinate attachments	Public version only
13.02	Fee Based and Quoted Services	This document is the labour rates relied upon for ACS prices	Public version and confidential version

Document number	Document name	Focus and relationship to other documents	Version(s) submitted
	Labour Rate Methodology		
13.03	Meter Asset Management Strategy	This document is the asset management strategy for metering assets	Public version only
13.04	RBC Metering Program	This document is the business case for the proposed metering capex	Public version only
13.05	ACS Metering Expenditure Model	This is the model supporting the proposed metering expenditure	Public version only
13.06	ACS Metering Pricing Model	This pricing model supports the pricing for the ACS metering services	Public version only
13.07	ACS Metering Roll-forward Model	This asset roll forward model supports the pricing for the ACS metering services	Public version only
13.08	ACS Metering PTRM	This PTRM model supports the pricing for the ACS metering services	Public version only
13.09	ACS Metering Depreciation Model	This depreciation model supports the pricing for the ACS metering services	Public version only
13.10	Ancillary Services Attachment Fee Based and Quoted Services	This is the main attachment supporting our proposed ancillary services (ACS) pricing for the regulatory period. It is supported by a range of subordinate attachments	Public version only
13.11	ACS Fee Based and Quoted Services Model	This is the model supporting the proposed ACS pricing	Public version and confidential version

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