

Supporting material list

APP10 - Supporting materials list - Jan2020 - Public

Contents

1	APPENDICES	3
2	BUSINESS CASES	4
3	MODELS	6
4	LIST OF RIN DOCUMENTS	10
5	ATTACHMENTS.....	11

1 Appendices

Code	Name	Confidential
CP APP01	Stakeholder engagement	No
CP APP02	What we have delivered	No
CP APP03	Maximum demand and customer numbers	No
CP APP04	Uncertainty	No
CP APP05	Tariff structure statement - Reasons paper	No
CP APP06	Tariff structure statement	No
CP APP07	Transition period 2021	No
CP APP08	Price control formula	No
CP APP09	Alternative control services charges	No
CP APP10	Supporting materials list	No

2 Business cases

Code	Name	Proposal reference	Confidential
CP BUS 4.01	EP Amendment Act 2018	Replacement capex Operating expenditure	No
CP BUS 4.02	Transformer risk monetisation and investment evaluation methodology	Replacement capex	No
CP BUS 4.03	LQ supply area	Replacement capex	No
CP BUS 4.04	B supply area	Replacement capex	No
CP BUS 4.05	CBD cable pits	Replacement capex	No
CP BUS 4.06	J18 circuit breakers	Replacement capex	No
CP BUS 4.07	Pole replacement forecast overview	Replacement capex	No
CP BUS 5.01	Data centre connection	Connections capex	Yes
CP BUS 5.02	Westgate Tunnel	Connections capex	Yes
CP BUS 6.01	CBD supply	Augmentation capex	No
CP BUS 6.02	Solar enablement	Augmentation capex IT capex Operating expenditure	No
CP BUS 7.01	SAP/4HANA lifecycle upgrade	IT capex	No
CP BUS 7.02	Customer enablement	IT capex	No
CP BUS 7.03	Business intelligence, reporting and data management	IT capex	No
CP BUS 7.04	Cyber Security	IT capex	No
CP BUS 7.05	Network Management Systems	IT capex	No
CP BUS 7.06	Market Systems currency	IT capex	No
CP BUS 7.07	Intelligent engineering	IT capex	No
CP BUS 7.08	Digital Network	IT capex Augmentation capex	No
CP BUS 7.09	Five minute settlement rule change	IT capex Augmentation capex Operating expenditure	No
CP BUS 7.10	ICT Infrastructure refresh and cloud migration	IT capex Operating expenditure	No

CP BUS 7.11	Enterprise Management Systems	IT capex	No
CP BUS 7.12	Device replacement	IT capex	No
CP BUS 7.13	Telephony	IT capex	No
CP BUS 7.14	General IT compliance	IT capex	No
CP BUS 8.01	Facilities security	Non-network capex IT capex	No
CP BUS 8.02	Building compliance	Non-network capex	No
CP BUS 9.01	Security of Critical Infrastructure	Operating expenditure	Yes
CP BUS 9.02	Yarra Trams	Operating expenditure	Yes

3 Models

Code	Name	Proposal reference	Confidential
CP MOD 4.01	Repex Model - Scenarios	Replacement capex	No
CP MOD 4.02	B supply area switchboard	Replacement capex	No
CP MOD 4.03	LQ supply area switchboard	Replacement capex	No
CP MOD 4.04	J18 TK circuit breakers	Replacement capex	No
CP MOD 4.05	CBD cable pits Risk monetisation	Replacement capex	No
CP MOD 4.06	Lines Replacement Capex	Replacement capex	No
CP MOD 4.07	Environmental Capex	Replacement capex Operating expenditure	No
CP MOD 4.08	Environmental Risk	Replacement capex Operating expenditure	No
CP MOD 4.09	Plant and Stations Replacement Capex	Replacement capex	No
CP MOD 4.10	Protection Replacement Capex	Replacement capex	No
CP MOD 4.11	Network Faults Capex	Replacement capex	No
CP MOD 4.12	Transformer Risk - NR No.1	Replacement capex	No
CP MOD 4.13	Transformer Risk - NR No.2	Replacement capex	No
CP MOD 4.14	Transformer Risk - VM No.1	Replacement capex	No
CP MOD 4.15	Transformer Risk - WA No.1	Replacement capex	No
CP MOD 4.16	Transformer Risk - WA No.2	Replacement capex	No
CP MOD 4.17	J18 AP circuit breakers	Replacement capex	No
CP MOD 4.18	J18 AR circuit breakers	Replacement capex	No
CP MOD 4.19	J18 FB circuit breakers	Replacement capex	No
CP MOD 4.20	J18 FR circuit breakers	Replacement capex	No
CP MOD 5.01	Connections Capex	Connections capex	No
CP MOD 5.02	Connections Major Projects	Connections capex	Yes
CP MOD 6.01	Augmentation Capex	Augmentation capex	No
CP MOD 6.02	Enabling residential rooftop solar	Augmentation capex	No

CP MOD 6.03	AMI Communications	Augmentation capex Metering services	No
CP MOD 6.04	Network Communications Capex	Augmentation capex	No
CP MOD 6.05	GHD report on Augmentation Area Strategies (Brunswick and Port Melbourne)	Augmentation capex	No
CP MOD 6.06	CBD supply	Augmentation capex	No
CP MOD 7.01	Consolidated IT capex cost	IT capex	No
CP MOD 7.02	SAP Modernisation S/4 Hana cost	IT capex	No
CP MOD 7.03	SAP Modernisation S/4 Hana risk	IT capex	No
CP MOD 7.04	BI/BW cost	IT capex	No
CP MOD 7.05	Cyber security cost	IT capex	No
CP MOD 7.06	Cyber security risk	IT capex	No
CP MOD 7.07	Networks Management cost	IT capex	No
CP MOD 7.08	Networks Management risk	IT capex	No
CP MOD 7.09	Market Systems cost	IT capex	No
CP MOD 7.10	Market Systems risk	IT capex	No
CP MOD 7.11	intelligent Engineering cost	IT capex	No
CP MOD 7.12	Digital network cost	IT capex Augmentation capex	No
CP MOD 7.13	Digital network Jacobs benefit	IT capex Augmentation capex	No
CP MOD 7.14	5 minute settlement cost	IT capex Augmentation capex Operating expenditure	No
CP MOD 7.15	Cloud - Infrastructure cost	IT capex Operating expenditure	No
CP MOD 7.16	Cloud - Infrastructure risk	IT capex Operating expenditure	No
CP MOD 7.17	EMS cost	IT capex	No
CP MOD 7.18	Device replacement cost	IT capex	No
CP MOD 7.19	Telephony cost	IT capex	No

CP MOD 7.20	General IT compliance cost	IT capex	No
CP MOD 7.21	Customer enablement	IT capex	No
CP MOD 8.01	Consolidated non-network capex	Non-network capex	No
CP MOD 8.02	Facilities security	Non-network capex IT capex	No
CP MOD 9.01	Step Change model	Operating expenditure	Yes
CP MOD 9.02	Rate of Change model	Operating expenditure	No
CP MOD 9.03	CIE Customer forecast	Operating expenditure	No
CP MOD 9.04	CIE, CitiPower and Powercor maximum demand forecasts	Operating expenditure	No
CP MOD 9.05	Oakley Greenwood, new technologies	Operating expenditure	No
CP MOD 10.01	Roll forward model to June 2021	Revenue	No
CP MOD 10.02	2021 - 2026 PTRM	Revenue	No
CP MOD 10.03	2021-2026 Depreciation	Revenue	No
CP MOD 10.04	Rate of return model	Revenue	No
CP MOD 10.05	SCS opex model	Revenue	No
CP MOD 10.06	SCS capex model	Revenue	No
CP MOD 10.07	Accelerated depreciation	Revenue	No
CP MOD 10.08	Roll forward model to 2020	Revenue	No
CP MOD 10.09	Half year PTRM	Revenue	No
CP MOD 10.10	Half year depreciation	Revenue	No
CP MOD 10.11	STPIS incentive rates model	Incentives	No
CP MOD 10.12	STPIS targets model	Incentives	No
CP MOD 10.13	STPIS targets model (half year)	Incentives	No
CP MOD 11.01	Metering RFM 2016-Jun 2021	Metering	No
CP MOD 11.02	Metering PTRM & exit fees 2021/22-2025/26	Metering	No
CP MOD 11.03	Metering 2015 closing RAB model	Metering	No

CP MOD 11.04	Metering cost model	Metering	No
CP MOD 11.05	Metering RFM 2016-2020	Metering	No
CP MOD 11.06	Metering PTRM & exit fees (half year)	Metering	No
CP MOD 11.07	Metering PTRM 2020 debt update	Metering	No
CP MOD 12.01	ACS fee-based model	Alternative control services	No
CP MOD 12.02	ACS quoted services labour rate model	Alternative control services	No
CP MOD 13.01	Public lighting model	Alternative control services	No
CP MOD 13.02	Public lighting model inputs	Alternative control services	No

4 List of RIN documents

Code	Name	Proposal reference	Confidential
CP RIN001	Workbook 1 – Regulatory determination	Reset RIN	Yes
CP RIN002	Workbook 2 – New CY historical	Reset RIN	Yes
CP RIN003	Workbook 3 – Recast category analysis	Reset RIN	No
CP RIN004	Workbook 4 – Recast economic benchmarking	Reset RIN	No
CP RIN005	Workbook 5 - Efficiency Benefit Sharing Scheme	Reset RIN	No
CP RIN006	Workbook 6 – Capital Expenditure Sharing Scheme	Reset RIN	No
CP RIN007	Workbook 7 – Indicative Bill Impact	Reset RIN	No
CP RIN008	Workbook 8 – Historical FY category analysis	Reset RIN	Yes
CP RIN009	Workbook 9 – Historical FY annual reporting	Reset RIN	Yes
CP RIN010	Workbook 10 – Historical FY economic benchmarking	Reset RIN	No
CP RIN011	Audit opinion report and review conclusion statements	Reset RIN	No
CP RIN012	Claim for confidentiality - AER template	Reset RIN	No
CP RIN013	Expenditure factors and criteria	Reset RIN	No
CP RIN014	Basis of preparation	Reset RIN	No
CP RIN015	Reset RIN Schedule 1 Cross-reference matrix	Reset RIN	No
CP RIN016	Replacement expenditure RIN response	Reset RIN	No
CP RIN017	Map of distribution system	Reset RIN	No
CP RIN018	Statutory declaration	Reset RIN	No

5 Attachments

Code	Name	Proposal reference	Confidential
CP ATT001	CitiPower, Augmentation planning policy and guideline, September 2016	Augmentation capex	No
CP ATT002	CitiPower, Distribution Annual Planning Report, December 2019	Augmentation capex	No
CP ATT003	CitiPower, Demand side engagement strategy V3.1, July 2019	Augmentation capex	No
CP ATT004	Oakley Greenwood, Profiling uptake of solar PV, March 2019	Augmentation capex	No
CP ATT005	Essential Service Commission Victoria, Public lighting code, December 2015	Alternative control services	No
CP ATT006	Telstra - 3G Service closure, 2019	Augmentation capex	No
CP ATT007	CitiPower, IT Deliverability plan 2021-2026, January 2020	IT capex	No
CP ATT008	CitiPower, Model overview and process guide, risk quantification model, January 2020	IT capex	No
CP ATT009	Jacobs, Cost benefit analysis for Digital Network implementation, December 2019	IT capex	No
CP ATT010	Deloitte, Regulatory impact statement: proposed environment protection regulations, DELWP and EPA, August 2019	Operating expenditure Replacement expenditure	No
CP ATT011	ENEA, Top-down and bottom-up forecast reconciliation, February 2019	Reset RIN	No
CP ATT012	NERA, Review of the AER's proposed output weightings, prepared for CitiPower, Powercor, United Energy and SA Power Networks, December 2018	Operating expenditure	No
CP ATT013	Frontier Economics, Estimation of opex input weights, a report prepared for CitiPower, Powercor and United Energy, March 2019	Operating expenditure	No
CP ATT014	BIS Oxford Economics, Labour cost escalation forecasts 2025/2026, April 2019	Operating expenditure	No
CP ATT015	Energy Safe Victoria, Compliance reports, 2019 safety performance report on Victorian Electricity distribution and transmission businesses, October 2019	Reset RIN	No
CP ATT016	Energy Safe Victoria, Compliance reports, 2018 safety performance report on Victorian electricity distribution and transmission businesses, October 2018	Reset RIN	No
CP ATT017	Energy Safe Victoria, Compliance reports, 2017 safety performance report on Victorian electricity distribution and transmission businesses, October 2017	Reset RIN	No

CP ATT018	Energy Safe Victoria, Compliance reports, 2016 safety performance report on Victorian electricity distribution and transmission businesses, September 2016	Reset RIN	No
CP ATT019	Centre for International Economics, Final report - Powercor and CitiPower customer number forecasts, May 2019	Operating expenditure	No
CP ATT020	CitiPower, Asset management policy, March 2018	Replacement capex	No
CP ATT021	CitiPower, Strategic asset management plan, December 2019	Replacement capex	No
CP ATT022	CIE, CitiPower and Powercor maximum demand forecasts, March 2019	Operating expenditure	No
CP ATT023	ACIL Allen, Connection point forecasting, June 2013	Connections capex	No
CP ATT024	Oakley Greenwood, Report post-model adjustments for terminal station forecasts, December 2018	Operating expenditure Augmentation capex	No
CP ATT025	ENEA, Long run marginal cost computation results, March 2019	Tariff structure statement	No
CP ATT026	CitiPower, Electricity distribution licence, August 2016	IT capex Operating expenditure	No
CP ATT027	CitiPower, Cost allocation method, v10, January 2020	Operating expenditure Revenue	No
CP ATT028	Stand alone and avoidable cost model	Tariff structure statement	No
CP ATT029	ACIL Allen - TOU tariffs and vulnerable customer analysis March 2019	Tariff structure statement	No
CP ATT030	JWS, Community perceptions toward preparing for electric vehicles, September 2019	Tariff structure statement	No
CP ATT031	Seed, Victorian Electricity, Future forum: household network pricing, April 2019	Tariff structure statement	No
CP ATT032	CitiPower, Indicative tariffs	Tariff structure statement	No
CP ATT033	CitiPower, Connection policy to apply from 1 July 2021 December 2019	Connections capex	No
CP ATT034	CitiPower, Model standing offer for basic connection services for retail customers who are micro embedded generation (MEG) September 2019	Connections capex	No
CP ATT035	CitiPower, Model standing offer for basic connection services for retail customers other than micro embedded generators (MEG), March 2019	Connections capex	No
CP ATT036	Order In Council, Environmental Protection Act 2017, environment reference standard, 2017	Operating expenditure Replacement capex	No

CP ATT037	Environment Protection Transitional Regulations, Exposure draft	Operating expenditure Replacement capex	No
CP ATT038	GHD, Feasibility study for acoustic treatments substation sites, CitiPower and Powercor, December 2019	Replacement capex	No
CP ATT039	Hays – FY 2019/20 salary guide insights from the experts, 2019	Operating expenditure	No
CP ATT040	Revo Group, Impacts of the revised pole calculator, January 2020	Replacement capex	No
CP ATT041	Energy Safe Victoria, General managers forum meeting minutes and levy, April 2019	Operating expenditure	No
CP ATT042	Standing Committee on Economics, Reserve Bank of Australia annual report 2018 August 2019	Connections capex	No
CP ATT043	CutlerMerz, Review of demand management unit rates, February 2019	Operating expenditure	No
CP ATT044	AER, Draft Decision SA Power Networks, Distribution determination 2020 to 2025, Attachment 6, Operating expenditure, October 2019	Operating expenditure	No
CP ATT045	AEMO, Value of customer reliability review, final report September 2014	Augmentation capex Replacement capex	No
CP ATT046	BDO, Report CP/PAL/UE IT hosting strategy (for cloud hosting review), November 2019	Operating expenditure	No
CP ATT047	VPN & UE, Cyber strategy and program review, November 2019	IT capex	Yes
CP ATT048	CitiPower and Powercor, Strategic security review, June 2019	Non-network capex	No
CP ATT049	CitiPower, Facilities Security Site Implementation Schedule, January 2020	Non-network capex IT capex	No
CP ATT050	ACIF, Australian construction market report, November 2018	Connections capex	No
CP ATT051	Powercor, Bushfire mitigation plan, December 2019	Replacement capex	
CP ATT052	Frontier Economics, Review of econometric models used by the AER to estimate output growth, December 2019	Operating expenditure	No
CP ATT053	Frontier Economics, Assessment of the AER's approach to forecasting labour escalation rates, December 2019	Operating expenditure	No
CP ATT054	Jacobs, Market benefits for solar enablement final report rev.1, August 2019	Augmentation capex	No
CP ATT055	Jacobs, Solar enablement, review of Python Code, November 2019	Augmentation capex	No

CP ATT056	CitiPower, Insurance credit management policy, appendix C, November 2019	Uncertainty appendix	No
CP ATT058	Australian Treaty Series 1958 No 21, Geneva Conventions, 12 August 1949	Uncertainty appendix	No
CP ATT059	Australian Treaty Series, Protocol additional to the Geneva Conventions of 12 August 1949 - Protocol III, December 2005	Uncertainty appendix	No
CP ATT060	Australian Treaty Series 1991 No 29, Protocol additional to the Geneva Conventions of 12 August 1949 - Protocol I, December 2005	Uncertainty appendix	No
CP ATT061	Australian Treaty Series 1991 No 30, Protocol additional to the Geneva Conventions of 12 August 1949 - Protocol II, December 2005	Uncertainty appendix	No
CP ATT062	United Nations, The prosecutor v Fatmir Limaj, Judgment, November 2015	Uncertainty appendix	No
CP ATT063	United Nation General Assembly, Resolution 3314 (XXIX) - Definition of Aggression, November 1974	Uncertainty appendix	No
CP ATT064	International Criminal Court, Rome Statute of the International Criminal Court, 2011	Uncertainty appendix	No
CP ATT065	CitiPower, Substation loads and transfers report, December 2019	Reset RIN	No
CP ATT066	CitiPower, Feeder loads and transfers report, December 2019	Reset RIN	No
CP ATT067	AER , Final framework and approach for AusNet services CitiPower Jemena Powercor and United Energy, January 2019	Operating expenditure	No
CP ATT068	CitiPower, Customer insights, November 2017	Stakeholder engagement	No
CP ATT069	CitiPower, Let's lock in a future conversation, regulatory reset stakeholder engagement plan, November 2017	Stakeholder engagement	No
CP ATT070	CitiPower, Stakeholder engagement extension plan, May2019	Stakeholder engagement	No
CP ATT071	CitiPower, Energised 2021-2026 open house, engagement findings report, October 2019	Stakeholder engagement	No
CP ATT072	CitiPower, Energised 2021-2026 community survey, engagement findings report, October 2019	Stakeholder engagement	No
CP ATT073	Woolcott, Draft proposal customer engagement forums and discussion groups report, May 2019	Stakeholder engagement	No
CP ATT074	Woolcott, Future networks forum report, April 2019	Stakeholder engagement	No
CP ATT075	Woolcott CitiPower, SME survey results, July 2018	Stakeholder engagement	No

CP ATT076	Woolcott, Phase 4 commercial and industrial customers and industry associations, report on key findings, September 2019	Stakeholder engagement	No
CP ATT077	Woolcott, Community opinion leader forum report, June 2018	Stakeholder engagement	No
CP ATT078	Woolcott, CitiPower, SME survey phase 4, September 2019	Stakeholder engagement	No
CP ATT079	Woolcott, Commercial and industrial customer in-depth Interviews (Round1) report on key findings, July 2018	Stakeholder engagement	No
CP ATT080	Woolcott, Exploration of energy issues, C&I findings, October 2017	Stakeholder engagement	No
CP ATT081	Woolcott, Exploration of electricity issues qualitative findings, September 2017	Stakeholder engagement	No
CP ATT082	Woolcott, Investment options forum report, September 2018	Stakeholder engagement	No
CP ATT083	Woolcott, Residential and SME deliberative forum report, June 2018	Stakeholder engagement	No
CP ATT084	CitiPower, Integrated summary report, August 2019	Stakeholder engagement	No
CP ATT085	CitiPower, Community pop-ups, Energised 2021-2026 results, August 2019	Stakeholder engagement	No
CP ATT086	Woolcott, Residential survey phase 2 results, November 2017	Stakeholder engagement	No
CP ATT087	Woolcott, Business survey phase 2 results, November 2017	Stakeholder engagement	No
CP ATT088	Woolcott, Residential survey phase 4 results, September 2019	Stakeholder engagement	No
CP ATT089	AER, Transitional arrangement and application of STPIS to 2021-26 revenue determinations for Victorian distributors, November 2019	Transition period	No
CP ATT090	AER, Application of the 2018 rate of return instrument, September 2019	Transition period	No
CP ATT091	AER Victorian Distribution, Reset timing - proposed interim measure, November 2019	Transition period	No
CP ATT092	GHD advisory report on strategic options evaluation Brunswick Area, June 2019	Augmentation capex	No
CP ATT093	GHD, Advisory report on strategic options evaluation Port Melbourne Area, December 2018	Augmentation capex	No
CP ATT094	Yarra Trams, Spreadsheet of tram works to 2026-27, January 2020	Operating expenditure	Yes
CP ATT095	AER, Final decision, CitiPower distribution determination 2016 to 2020, Attachment 6 Capital expenditure, May 2016	Augmentation capex	No

CP ATT096	AER, 2016–2020 Price Reset Appendix E Capital expenditure, April 2015	Connections capex	No
CP ATT097	GHD, Advisory 2021-26 repex modelling review CitiPower, December 2019	Replacement capex	No
CP ATT098	ACIF, Australian construction market report, May 2019	Connections capex	No
CP ATT099	AER, Industry practice application note: asset replacement planning, January 2019	Replacement capex	No
CP ATT100	Ofgem, DNO common network asset indices methodology, health & criticality V1.1, January 2017	Replacement capex	No
CP ATT101	CitiPower, Related parties, December 2019	Qualitative RIN	No
CP ATT102	Essential Services Commission Victoria, Electricity Distribution Code, January 2020	Augmentation capex	No
CP ATT103	ESCV, Final decision, CBD security of supply, February 2008	Augmentation capex	No
CP ATT104	ACIF, Construction index forecast, May 2019	Connections capex	No
CP ATT105	Ausgrid, Revised proposal attachment 5.14.1 project justification for 11kV switchgear, January 2019	Replacement capex	No
CP ATT106	TasNetworks, Chapel St 11kV HV switchgear, November 2018	Replacement capex	No
CP ATT107	PowerWater, Berrimah zone substation condition assessment report, February 2018	Replacement capex	No
CP ATT108	ESV, Technical investigation report, the condition of power poles in South West Victoria, July 2019	Replacement capex	No
CP ATT109	AER, Annual benchmarking report electricity distribution network service providers, November 2019	Operating expenditure	No
CP ATT110	Westgate Tunnel, Media release and fact sheet construction overview tunnels, February 2019	Connections capex	No
CP ATT111	Westgate Tunnel, Request for proposal #1 CitiPower relocation program, October 2017	Connections capex	Yes
CP ATT112	Western Power, Network management plan appendix L, September 2011	Replacement capex	No
CP ATT113	Department of Prime Minister and Cabinet, Best practice regulation guidance note, VSL, August 2019	Replacement capex	No
CP ATT114	Jemena, East Preston (EP) conversion stage 5, RIT-D Stage 2: draft project assessment report November 2018	Replacement capex	No
CP ATT115	Western Power, Annual planning report, 2017	Replacement capex	No

CP ATT116	Ausgrid, Attachment 5.11; quantitative risk evaluation - selected replacement projects, January 2015	Replacement capex	No
CP ATT117	Jemena, Revocation and substitution submission, revised flemington network development strategy, January 2016	Replacement capex	No
CP ATT118	Endeavour Energy, Equipment technical specification, 11kV vacuum CB truck retrofits for bulk oil CBs, February 2015	Replacement capex	No
CP ATT119	TasNetworks, Asset management plan - zone substations, October 2015	Replacement capex	No
CP ATT120	SP Energy Networks, 2015–2023 business plan, 11kV substation plant strategy, March 2014	Replacement capex	No
CP ATT121	UK Power Networks, Asset category – 11kV switchgear LPN, asset stewardship report, 2014	Replacement capex	No
CP ATT123	RIT-D: Dock area zone substation, final project assessment report, May 2019	Augmentation capex	No
CP ATT124	RIT-D: Brunswick area supply, Final project assessment report, July 2018	Augmentation capex	No
CP ATT125	RIT-D: Russell Place supply area, Draft project assessment report, December 2019	Augmentation capex	No
CP ATT126	CHED, Corporate Services Agreement 2017 - 2019 (CHED to CP) December 2019	Reset RIN	Yes
CP ATT127	CHED, Corporate Services Agreement 2017 - 2019 (CHED to CP) signed, December 2019	Reset RIN	Yes
CP ATT128	CitiPower, Constitution CHED Services Discretionary risk management scheme, December 2004	Reset RIN	Yes
CP ATT129	CitiPower, Network Services Agreement 2017 - 2019 (PNS to CP), December 2019	Reset RIN	Yes
CP ATT130	CitiPower, Resources Agreement 2017 - 2019 (CP to CHED), December 2019	Reset RIN	Yes
CP ATT131	CitiPower, Resources Agreement 2017 - 2019 (CP to PNS), December 2019	Reset RIN	Yes
CP ATT132	CitiPower, Cost Sharing Agreement 2017 - 2019 (CP & PAL), December 2019	Reset RIN	Yes
CP ATT133	MP D'Ambrosio letter, Changes to timing of annual Victorian network price updates, October 2019	Transition period	No
CP ATT134	AER, Final decision, Powercor distribution determination, Attachment 6 – capital expenditure, May 2016	Connections capex	No

CP ATT137	CitiPower, Certification of key assumptions, Jan2020	NER requirements	No
CP ATT138	ARMS Reliability, CP/PAL wooden power poles, 2019 RCM study report, October 2019	Replacement capex	No
CP ATT139	AER, United Energy distribution determination attachment 6, capital expenditure, May2016	Connection capex	No
CP ATT140	CitiPower, Pricing proposal 2016	Reset RIN	No
CP ATT141	CitiPower, Pricing proposal 2017	Reset RIN	No
CP ATT142	CitiPower, Pricing proposal 2018	Reset RIN	No
CP ATT143	CitiPower, Pricing proposal 2019	Reset RIN	No
CP ATT144	CitiPower, Pricing proposal 2020	Reset RIN	No
CP ATT145	CGI, Quote for CHED and UE MIS Onshore model pricing estimate, August 2019	Operating expenditure	Yes
CP ATT146	Dimension Data, Quote for on-shoring, September 2019	Operating expenditure	Yes
CP ATT147	FIRB, Condition 16: post-acquisition audit work program, transition to compliance work plan, November 2017	Operating expenditure	Yes
CP ATT148	FIRB, Letter of no objection, April 2017	Operating expenditure	Yes
CP ATT149	FIRB, Letter of approval of work plan, May 2018	Operating expenditure	Yes
CP ATT150	CIC, Resilience Strategy Plan	Operating expenditure	No
CP ATT151	CIC, Resilience Strategy Policy Statement	Operating expenditure	No
CP ATT152	CIC, Guidance note on protecting your critical infrastructure asset from foreign involvement risk	Operating expenditure	No
CP ATT153	CitiPower, IT external labour rates, March 2019	IT capex	No
CP ATT154	AER, Electricity distribution network service providers, Service target performance incentive scheme, v2.0, November 2018	Incentives	No
CP ATT155	AER, Distribution reliability measures guideline, November 2018	Incentives	No
CP ATT156	AER, Values of customer reliability, final report on VCR values, December 2019	Incentives	No
CP ATT157	AER, Capital expenditure incentive guideline for electricity network service providers, November 2013	Incentives	No
CP ATT158	Australian Tax Office, Taxation ruling, income tax: effective life of depreciating assets (applicable from 1 July 2019), TR 2019/5, May 2019	Revenue	No

CP ATT159	AER, Shared asset guideline, November 2013	Revenue	No
CP ATT160	AER, Draft customer service incentive scheme, December 2019	Incentives	No
CP ATT161	AER, Demand management incentive scheme, electricity distribution network service providers, December 2017	Incentives	No
CP ATT162	AER, Demand management innovation allowance mechanism, electricity distribution network service providers, December 2017	Incentives	No
CP ATT163	AER, Better regulation: Expenditure forecast assessment guideline, November 2013	Replacement capex Operating expenditure	No
CP ATT164	AER, Non-network ICT capex assessment approach, November 2019	IT capex	No
CP ATT165	Department of Primary Industries, Advanced Metering Infrastructure, Minimum (AMI) functionality specification Victoria, September 2008	Metering services	No
CP ATT166	AER, Final decision paper, forecasting productivity growth for electricity distributors, March 2019	Operating expenditure	No
CP ATT167	AEMO, 2019-20 integrated system plan, 2019 Inputs and Assumptions Workbook, December 2019	IT capex	No
CP ATT168	Climate Council, Fully charged - renewables and storage Powering Australia, 2018	Our energy future	No
CP ATT169	ClimateWorks Australia on behalf of the Electric Vehicle Council, The state of EVs in Australia: second report: driving momentum in electric mobility, June 2018.	Our energy future	No
CP ATT170	Government of Victoria, Renewable energy action plan	Our energy future	No
CP ATT171	Marlene Motyka, Andrew Slaughter and Carolyn Amon, global renewable energy trends - solar and wind move from mainstream to preferred, Deloitte Insights, September 2018	Our energy future	No
CP ATT172	Office of the Premier, Cheaper electricity with solar batteries for 10,000 homes, media release, September 2018	Our energy future	No
CP ATT173	Office of the Premier, Cutting power bills with solar panels for 650,000 homes, media release, August 2018	Our energy future	No
CP ATT174	Victorian Government, Victorian infrastructure plan 2018	Our energy future	No
CP ATT175	AER, Industry practice application note: asset replacement planning, January 2019.	Replacement capex	No
CP ATT176	ESV, Draft report (public technical report), Powercor wood pole management, an assessment of sustainable wood pole safety outcomes, December 2019.	Replacement capex	No

CP ATT177	Australian Government, Australian signals directorate, ACSC threat report 2017, Australian cyber security centre, October 2017	IT capex	No
CP ATT178	ESC, Electricity Distribution Code, January 2020	Operating expenditure IT capex	No
CP ATT179	International Association For Public Participation (IAP2's), Public participation spectrum	Augmentation capex	No
CP ATT180	VicGov, Regulatory impact solutions, residential tenancies regulations 2020 RIS, November 2019	Augmentation capex	No
CP ATT181	Gartner, 2018 top priorities for customer service and support, April 2019	IT capex	No
CP ATT182	Gartner, Protect Your Organisation From Cyber and Ransomware Attacks, April 2019	IT capex	No
CP ATT183	Oracle, Introducing Oracle database 18c, July2018	IT capex	No
CP ATT184	MuleSoft, Whitepaper SAP integration best practice, May 2019	IT capex	No
CP ATT185	Australian Government, Australian Signals Directorate, ACSC essential eight explained, April 2019	IT capex	No
CP ATT186	Australian Energy Market Operator, 2018 summary report into the cyber security preparedness of the national and WA Wholesale Elec Markets, December 2018	IT capex	No
CP ATT187	Office of the Australian Information Commissioner, data breach preparation and response, February 2018	IT capex	No
CP ATT188	Department of Home Affairs, Australia's cyber security strategy, November 2019	IT capex	No
CP ATT189	Guide to securing personal information, Reasonable steps to protect personal information, June 2018	IT capex	No
CP ATT190	Cyber Infrastructure ICS, Alert-cyber-attack against Ukraine critical infrastructure, February 2016	IT capex	No
CP ATT191	Alan Finkel, Independent review into the future security of the National Electricity Market, June 2017	IT capex	No
CP ATT192	ACSC, Routers targeted: Cisco smart install feature continues to be targeted by Russian state-sponsored actors, April 2018	IT capex	No
CP ATT193	State Government of Victoria, Emergency Management Victoria, critical infrastructure resilience strategy, July 2015	IT capex	No

CP ATT194	State Government of Victoria, Emergency Management Victoria, Victoria's Critical Infrastructure All Sectors Resilience Report 2018, May 2019	IT capex	No
CP ATT195	United States DHS/FBI, Alert (TA18-074A)-Russian Government cyber activity targeting energy and other critical infrastructure sectors, March 2018	IT capex	No
CP ATT196	World Economic Forum, Cyber resilience in the electricity ecosystem: principles and guidance for boards, January 2019	IT capex	No
CP ATT197	World Economic Forum, The global risks report 2019 14th edition, 2019	IT capex	No
CP ATT198	SAPN, 2020-2025 draft plan, 2019	IT capex	No
CP ATT199	Yale Environment 360, EVs make up half of new car sales in Norway so far this year, July 2019	IT capex	No
CP ATT200	ENA, national guidelines for the prevention of unauthorised access to electricity infrastructure	IT capex	No
CP ATT201	Australian New Zealand counter-terrorism committee, National guidelines protection for protecting critical infrastructure from terrorism	IT capex	No
CP ATT202	Office of Projects Victoria, Victorian digital asset strategy, strategic framework, February 2019	IT capex	No
CP ATT203	ASIC, Users of financial reports, list of financial reporting and audit questions, October 2014	IT capex	No
CP ATT204	ASUG News, SAP S/4HANA live customer numbers continue to grow, February 2018	IT capex	No
CP ATT205	AEMC Final report, 2018 residential electricity price trends review, December 2018	Overview	No
CP ATT206	Woolcott, CitiPower residential survey phase, July 2018	Stakeholder engagement	No
CP ATT207	AEMC, Economic regulatory framework review, integrating distributed energy resources for the grid of the future, September 2019	IT capex	No
CP ATT208	AER, Final decision, CitiPower distribution determination - Attachment 6 - Capital expenditure, May 2016	Connections capex	No
CP ATT209	OAIC, Chap 11: Australian privacy principle 11, security of personal information, July 2019	IT capex	No
CP ATT210	United Energy, review of United Energy IT systems, final report, September 2019	IT capex	No

CP ATT211	The Commonwealth Of Australia Senate, Minerals resource rent tax repeal and other measures bill 2014, Schedule 6, December 2019	Operating expenditure Capital expenditure	No
CP ATT212	Sinclair Knight Merz, CitiPower, Melbourne CBD security of supply enhancement project, September 2006	Augmentation capex	No
CP ATT213	CitiPower, Media release, new substation securing power supply in Melbourne CBD, July 2019.	Augmentation capex	No
CP ATT214	AER, Application guidelines, regulatory investment test for distribution, December 2018	Augmentation capex	No
CP ATT215	Australian Government, Emissions reduction fund white paper, April 2014	Augmentation capex	No
CP ATT216	AEMC, Distribution market model, final report, August 2017	Augmentation capex	No
CP ATT217	Geelong Council, Zero carbon emissions strategy - Background and context, May 2019	Augmentation capex	No
CP ATT218	Department of Environment and Energy, About the climate solutions fund - emissions reduction fund, February 2019	Augmentation capex	No
CP ATT219	Clean Energy Regulator, Auction, July 2019	Augmentation capex	No
CP ATT220	CitiPower, Enabling rooftop solar exports - options paper for consultation, April 2019	Augmentation capex	No
CP ATT221	ASX release, New Australian data centre sites, April 2018	Connections capex	No
CP ATT222	AEMC, Five minute settlement final determination, August 2019	IT capex Operating expenditure	No
CP ATT223	AER, Draft decision Ausgrid distribution determination, attachment 6: capital expenditure, November 2014	Operating expenditure Augmentation capex	No
CP ATT224	CitiPower, Proposed negotiating framework, January 2020	NER requirement	No
CP ATT225	TasNetworks, Investment evaluation summary, pole replacements, November 2018	Replacement capex	No
CP ATT226	HSE UK, Keeping electrical switchgear safe, 2015	Replacement capex	No
CP ATT229	CitiPower, 2018 category analysis RIN BOPs, 2018	Reset RIN	No
CP ATT230	Metropolitan Planning Authority, State Government Victoria fisherman bend strategic framework plan, July 2014	Augmentation capex	No
CP ATT231	Australian Bureau of Statistics, 8731.0 building approvals, Australia, March 2019.	Connections capex	No

CP ATT232	Victorian Government, Victoria's Big Build, Metro Tunnel September 2019	Connections capex	No
CP ATT233	AER, Preliminary decision CitiPower distribution determination 2016–20; Attachment 6 – Capital expenditure, October 2015	Connections capex	No
CP ATT234	CitiPower, Here's how our plans are shaping up, Regulatory Reset draft proposal 2021–2025	Stakeholder engagement	No
CP ATT235	AER, Final Decision, Ausgrid Distribution Determination 2019 to 2024, Overview April 2019	Operating expenditure	No
CP ATT236	Victoria Government, West Gate Tunnel Project, Project benefits	Connections capex	No