



# Supporting material list

**UE APP10 - Supporting materials list -  
Jan2020 - Public**

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**Regulatory proposal 2021–2026**

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# 1 Appendices

Code	Name	Confidential
UE APP01	Stakeholder engagement	No
UE APP02	What we have delivered	No
UE APP03	Maximum demand and customer numbers	No
UE APP04	Uncertainty	No
UE APP05	Tariff structure statement - Reasons paper	No
UE APP06	Tariff structure statement	No
UE APP07	Transition period 1 January to 30 June 2021	No
UE APP08	Price control formula	No
UE APP09	Alternative control services charges	No
UE APP10	Supporting materials list	No

## 2 Business cases

Code	Name	Proposal reference	Confidential
UE BUS 4.01	Environmental Protection Amendment Act 2018, January 2020	Replacement capex Operating expenditure	No
UE BUS 4.02	Pole replacement forecast overview, January 2020	Replacement capex	No
UE BUS 4.03	Transformer replacement, January 2020	Replacement capex	No
UE BUS 4.04	Switchgear replacement, January 2020	Replacement capex	No
UE BUS 4.05	Service lines replacement, January 2020	Replacement capex	No
UE BUS 5.01	Lathams road asset relocation program, January 2020	Connections capex	Yes
UE BUS 5.02	Suburban Rail Loop, January 2020	Connections capex	Yes
UE BUS 6.01	Network communications: 3G shutdown, January 2020	Augmentation capex	No
UE BUS 6.02	Doncaster supply area, January 2020	Augmentation capex	No
UE BUS 6.03	Malvern supply area, January 2020	Augmentation capex	No
UE BUS 6.04	Keysborough supply area, January 2020	Augmentation capex	No
UE BUS 6.05	Mornington supply area, January 2020	Augmentation capex	No
UE BUS 6.06	Enabling residential rooftop solar, January 2020	Augmentation capex IT capex Operating expenditure	No
UE BUS 6.07	HV feeders upgrades, January 2020	Augmentation capex	No
UE BUS 7.01	SAP/4HANA lifecycle upgrade, January 2020	IT capex	No
UE BUS 7.02	Customer enablement, January 2020	IT capex	No
UE BUS 7.03	Business intelligence, reporting and data management, January 2020	IT capex	No
UE BUS 7.04	Cyber security, January 2020	IT capex	No
UE BUS 7.05	Network management systems, January 2020	IT capex	No
UE BUS 7.06	Market systems currency, January 2020	IT capex	No
UE BUS 7.07	Intelligent engineering, January 2020	IT capex	No
UE BUS 7.08	Digital Network, January 2020	IT capex	No

UE BUS 7.09	Five minute settlement rule change, January 2020	IT capex Augmentation capex Operating expenditure	No
UE BUS 7.10	ICT Infrastructure refresh and cloud migration, January 2020	IT capex Operating expenditure	No
UE BUS 7.11	Enterprise management systems (non - sap), January 2020	IT capex	No
UE BUS 7.12	Device replacement, January 2020	IT capex	No
UE BUS 7.13	Telephony, January 2020	IT capex	No
UE BUS 7.14	General IT compliance, January 2020	IT capex	No
UE BUS 8.01	Burwood - Depot upgrade, January 2020	Non-network	No
UE BUS 8.02	Keysborough - Depot, January 2020	Non-network	No
UE BUS 8.03	Mornington - Depot, January 2020	Non-network	No
UE BUS 8.04	Facilities security, January 2020	Non-network IT capex	No
UE BUS 9.01	Security of Critical Infrastructure Act opex step change business case, January 2020	Operating expenditure	Yes
UE BUS 9.02	Lower Mornington Peninsula demand management program, January 2020	Operating expenditure	No
UE BUS 9.03	Feeder demand management program, January 2020	Operating expenditure	No
UE BUS 9.04	Cranbourne Terminal Station demand management, January 2020	Operating expenditure	No

# 3 Models

Code	Name	Proposal reference	Confidential
UE MOD 4.01	Repex Model - Scenario	Replacement capex	No
UE MOD 4.02	Unitised volume model	Replacement capex	No
UE MOD 4.03	Plant Stations and Lines Replacement Capex	Replacement capex	No
UE MOD 4.04	Switchgear and transformer risk	Replacement capex	No
UE MOD 4.05	Service line cost	Replacement capex	No
UE MOD 4.06	Environmental Risk	Replacement capex Operating expenditure	No
UE MOD 5.01	Connections Capex	Connections capex	No
UE MOD 5.02	Connections Major Projects	Connections capex	Yes
UE MOD 6.01	Augmentation Capex	Augmentation capex	No
UE MOD 6.02	Solar enablement	Augmentation capex IT capex Operating expenditure	No
UE MOD 6.03	AMI Comms	Augmentation capex	No
UE MOD 6.04	DC supply area	Augmentation capex	No
UE MOD 6.05	3G shutdown	Augmentation capex	No
UE MOD 6.06	EM supply area	Augmentation capex	No
UE MOD 6.07	KBH supply area	Augmentation capex	No
UE MOD 6.08	MTN supply area	Augmentation capex	No
UE MOD 7.01	Consolidated IT capex	IT capex	No
UE MOD 7.02	SAP Modernisation S/4 Hana cost	IT capex	No
UE MOD 7.03	SAP Modernisation S/4 Hana risk	IT capex	No
UE MOD 7.04	BI/BW	IT capex	No
UE MOD 7.05	Cyber security cost	IT capex	No
UE MOD 7.06	Cyber security risk	IT capex	No
UE MOD 7.07	Networks Management cost	IT capex	No

UE MOD 7.08	Networks Management risk	IT capex	No
UE MOD 7.09	Market Systems cost	IT capex	No
UE MOD 7.10	Market Systems risk	IT capex	No
UE MOD 7.11	Intelligent Engineering cost	IT capex	No
UE MOD 7.12	Digital network cost	IT capex Augmentation capex	No
UE MOD 7.13	Digital network Jacobs benefit	IT capex Augmentation capex	No
UE MOD 7.14	5 minute settlement cost	IT capex Augmentation capex Operating expenditure	No
UE MOD 7.15	Cloud - Infrastructure cost	IT capex Operating expenditure	No
UE MOD 7.16	Cloud - Infrastructure risk	IT capex Operating expenditure	No
UE MOD 7.17	EMS cost	IT capex	No
UE MOD 7.18	Device replacement cost	IT capex	No
UE MOD 7.19	Telephony cost	IT capex	No
UE MOD 7.20	General IT compliance cost	IT capex	No
UE MOD 7.21	Customer enablement	IT capex	No
UE MOD 8.01	Consolidated non-network capex	Non-network capex	No
UE MOD 8.02	Property bottom up costs	Non-network capex	No
UE MOD 8.03	Facilities security	Non-network capex IT capex	No
UE MOD 9.01	Step Change model	Operating expenditure	Yes
UE MOD 9.02	Rate of Change model	Operating expenditure	No
UE MOD 9.03	CIE customer number forecasts	Operating expenditure	No
UE MOD 9.04	Demand Management - Lower Mornington Peninsula model	Operating expenditure	No
UE MOD 9.05	Demand Management - HV feeder model	Operating expenditure	No
UE MOD 9.06	CBTS demand management	Operating expenditure	No



UE MOD 9.07	NIEIR, Maximum demand forecasts for United Energy terminal stations to 2030	Operating expenditure	No
UE MOD 10.01	Roll forward model to June 2021	Revenue	No
UE MOD 10.02	2021 - 2026 PTRM	Revenue	No
UE MOD 10.03	2021-2026 Depreciation	Revenue	No
UE MOD 10.04	Rate of return model	Revenue	No
UE MOD 10.05	SCS opex model	Revenue	No
UE MOD 10.06	SCS capex model	Revenue	No
UE MOD 10.07	Accelerated depreciation	Revenue	No
UE MOD 10.08	Roll forward model to 2020	Revenue	No
UE MOD 10.09	Half year PTRM	Revenue	No
UE MOD 10.10	Half year depreciation	Revenue	No
UE MOD 10.11	STPIS incentive rates model	Incentives	No
UE MOD 10.12	STPIS targets model	Incentives	No
UE MOD 10.13	STPIS targets model (half year)	Incentives	No
UE MOD 11.01	Metering RFM 2016-Jun 2021	Metering	No
UE MOD 11.02	Metering PTRM & exit fees 2021/22-2025/26	Metering	No
UE MOD 11.03	Metering 2015 closing RAB model	Metering	No
UE MOD 11.04	Metering cost model	Metering	No
UE MOD 11.05	Metering RFM 2016-2020	Metering	No
UE MOD 11.06	Metering PTRM & exit fees (half year)	Metering	No
UE MOD 11.07	Metering PTRM 2020 debt update	Metering	No
UE MOD 12.01	ACS fee-based model	Alternative control services	No
UE MOD 12.02	ACS quoted services labour rate model	Alternative control services	No
UE MOD 13.01	Public lighting model	Alternative control services	No
UE MOD 13.02	Public lighting model inputs	Alternative control services	No

# 4 RIN documents

Code	Name	Proposal reference	Confidential
UE RIN001	Workbook 1 – Regulatory determination	Reset RIN	Yes
UE RIN002	Workbook 2 – New CY historical	Reset RIN	Yes
UE RIN003	Workbook 3 – Recast category analysis	Reset RIN	No
UE RIN004	Workbook 4 – Recast economic benchmarking	Reset RIN	No
UE RIN005	Workbook 5 - Efficiency Benefit Sharing Scheme	Reset RIN	No
UE RIN006	Workbook 6 – Capital Expenditure Sharing Scheme	Reset RIN	No
UE RIN007	Workbook 7 – Indicative Bill Impact	Reset RIN	No
UE RIN008	Workbook 8 – Historical FY category analysis	Reset RIN	Yes
UE RIN009	Workbook 9 – Historical FY annual reporting	Reset RIN	Yes
UE RIN010	Workbook 10 – Historical FY economic benchmarking	Reset RIN	No
UE RIN011	Audit opinion report and review conclusion statements	Reset RIN	No
UE RIN012	Claim for confidentiality - AER template	Reset RIN	No
UE RIN013	Expenditure factors and criteria	Reset RIN	No
UE RIN014	Basis of preparation	Reset RIN	No
UE RIN015	RIN Schedule 1 Cross-reference matrix	Reset RIN	No
UE RIN016	Replacement expenditure RIN response	Reset RIN	No
UE RIN017	Non-network alternatives RIN response	Reset RIN	No
UE RIN018	Map of distribution system	Reset RIN	No
UE RIN019	Statutory declaration	Reset RIN	No

# 5 Attachments

Code	Name	Proposal reference	Confidential
UE ATT002	United Energy, Distribution Annual Planning Report 2019	Augmentation capex	No
UE ATT003	United Energy, PL 2202 Demand side engagement strategy	Augmentation capex	No
UE ATT004	United Energy, Network planning guidelines, January 2020	Augmentation capex	No
UE ATT005	ESC, Public Lighting Code, 2015	Alternative control services	No
UE ATT006	Telstra, 3G Service Closure, 2019	Augmentation capex	No
UE ATT007	United Energy, IT deliverability plan, January 2019	Augmentation capex	No
UE ATT008	United Energy, IT risk monetisation guide, January 2020	IT capex	No
UE ATT009	Jacobs, Cost Benefit Analysis for Digital Network Implementation, December 2019	IT capex Augmentation capex	No
UE ATT010	Deloitte, Regulatory impact statement: proposed environment protection regulations, DELWP and EPA, August 2019	Operating expenditure Replacement expenditure	No
UE ATT011	AER, United Energy, Distribution determination 2016 to 2020, Attachment 6 Capital expenditure, May 2016	Connections capex	No
UE ATT012	NERA, Review of the AER's Proposed Output Weightings, Prepared for CitiPower, Powercor, United Energy and SA Power Networks, 18 December 2018	Operating expenditure	No
UE ATT013	Frontier Economics, Estimation of opex input weights, a report prepared for CitiPower, Powercor and United Energy, 15 March 2019	Operating expenditure	No
UE ATT014	BIS Oxford, Labour escalation forecasts 2025/2026, April 2019	Operating expenditure	No
UE ATT015	Energy Safe Victoria, Compliance reports, 2019 safety performance report on Victorian electricity networks, October 2019	Reset RIN	No
UE ATT016	Energy Safe Victoria, Compliance reports, 2018 safety performance report on Victorian electricity networks, October 2017	Reset RIN	No
UE ATT017	Energy Safe Victoria, Compliance reports, 2017 safety performance report on Victorian electricity networks, October 2017	Reset RIN	No
UE ATT018	Energy Safe Victoria, Compliance reports, 2016 safety performance report on Victorian electricity networks, September 2016	Reset RIN	No

UE ATT019	CIE, United Energy customer number forecasts, June 2018	Reset RIN	No
UE ATT020	United Energy, Asset management policy, March 2018	Replacement capex	No
UE ATT021	United Energy, PL 2034 Strategic asset management plan, November 2019	Replacement capex	No
UE ATT022	NIEIR, Maximum demand forecasts for United Energy terminal stations to 2030, Summer and winter and coincident and non-coincident, a report for United Energy Distribution, July 2018	Operating expenditure Augmentation capex	No
UE ATT023	ACIL Allen, Connection point forecasting, June 2013	Connections capex	No
UE ATT024	Essential Services Commission, Electricity Distribution Licence, United Energy, January 2005	IT capex Operating expenditure	No
UE ATT025	ENEA, Long run marginal cost computation results, March 2019	Tariff structure statement	No
UE ATT026	FIRB, Condition 16: Post-Acquisition Audit work program - Transition to Compliance Plan, November 2017	Operating expenditure	Yes
UE ATT027	United Energy, Cost allocation method, v3, January 2020	Operating expenditure Revenue	No
UE ATT028	United Energy, Stand alone and avoidable cost model, January 2020	Tariff structure statement	No
UE ATT029	ACIL Allen, TOU tariffs and vulnerable customer analysis, March 2019	Tariff structure statement	No
UE ATT030	JWS, Community perceptions toward preparing for electric vehicles, September 2019	Tariff structure statement	No
UE ATT031	Seed Advisory, Victorian electricity future forum: household network pricing, April 2019	Tariff structure statement	No
UE ATT032	United Energy, Indicative tariffs, January 2020	Tariff structure statement	No
UE ATT033	United Energy, Connection policy, January 2020	Connections capex	No
UE ATT034	United Energy, Model standing officer basic connection service for retail customers (for micro embedded generation), April 2019	Connections capex	No
UE ATT035	United Energy, Model standing offer basic connection service for retail customers (without generation) 2019	Connections capex	No
UE ATT036	Order in council, Environment Protection Act 2017, environment reference standard, , 2017	Operating expenditure Replacement capex	No

UE ATT037	Environment protection transitional regulations	Operating expenditure Replacement capex	No
UE ATT038	GHD, Feasibility study for acoustic treatments substation sites, United Energy, December 2019	Replacement capex	No
UE ATT041	Energy Safe Victoria, General managers forum meeting minutes and levy, April 2019	Operating expenditure	No
UE ATT042	Standing Committee on Economics - Reserve Bank of Australia annual report 2018, August 2019	Revenue	No
UE ATT043	AEMO, Value of customer reliability review, final report, September 2014	Augmentation capex Replacement capex	No
UE ATT044	AER, Final framework and approach for AusNet Services CitiPower Jemena Powercor and United Energy (Reg control period commencing 2021) Jan 2019	Operating expenditure	No
UE ATT045	AER, Annual benchmarking report electricity distribution network service providers, November 2019	Operating expenditure	No
UE ATT046	BDO, Report on IT hosting strategy for CitiPower, Powercor and United Energy, November 2019	Operating expenditure IT capex	No
UE ATT047	United Energy, Cyber strategy and program review November 2019	IT capex	Yes
UE ATT048	United Energy, Review of United Energy IT systems, September 2019	IT capex	No
UE ATT049	ACIF, Construction index forecast, May 2019	Connections capex	No
UE ATT050	ACIF, Australian construction market report, November 2018	Connections capex	No
UE ATT051	Jardine Lloyd Thompson, Invoice for insurance for 2019/20, November 2019	Operating expenditure	Yes
UE ATT052	Frontier Economics, Review of econometric models used by the AER to estimate output growth, December 2019	Operating expenditure	No
UE ATT053	Frontier Economics, Assessment of the AER's approach to forecasting labour escalation rates, December 2019	Operating expenditure	No
UE ATT054	Jacobs, Market benefits for solar enablement, final Report, August 2019	Augmentation capex IT capex Operating expenditure	No
UE ATT056	United Energy, Insurance credit management policy appendix C, November 2019	Uncertainty appendix	No
UE ATT057	United Energy, Property regulatory obligations and requirements, January 2020	Non-network capex	

UE ATT058	Australian Treaty Series, 1958 No 21 Geneva Conventions, August 1949	Uncertainty appendix	No
UE ATT059	Australian Treaty Series, Protocol additional to the Geneva Conventions of 12 August 1949 Protocol III, December 2005	Uncertainty appendix	No
UE ATT060	Australian Treaty Series 1991 No 29 Protocol additional to the Geneva Conventions of 12 August 1949 - Protocol I, December 2005	Uncertainty appendix	No
UE ATT061	Australian Treaty Series 1991 No 30 Protocol additional to the Geneva Conventions of 12 August 1949 - Protocol II, December 2005	Uncertainty appendix	No
UE ATT062	United Nations, In Trial Chamber II, Prosecutor v Fatmir Limaj, Judgment, November 2005	Uncertainty appendix	No
UE ATT063	United Nation, General Assembly, Resolution 3314 (XXIX) - Definition of Aggression, November 1974	Uncertainty appendix	No
UE ATT064	International Criminal Court, Rome Statute of the International Criminal Court, 2011	Uncertainty appendix	No
UE ATT065	Mckenzie group, Building code of Australia - audit report Burwood - confidential and privileged, February 2019	Non-network capex	Yes
UE ATT066	Mckenzie group, Building code of Australia audit report Keysborough - confidential and privileged, February 2019	Non-network capex	Yes
UE ATT067	Mckenzie group, Building code of Australia audit report Mornington - confidential and privileged, February 2019	Non-network capex	Yes
UE ATT068	United Energy, Customer insights, November 2017	Stakeholder Engagement	No
UE ATT069	United Energy, Let's lock in a future conversation Stakeholder engagement plan, November 2017	Stakeholder Engagement	No
UE ATT070	United Energy, Stakeholder engagement extension plan energised 2021-2026, May 2019	Stakeholder Engagement	No
UE ATT071	United Energy, Energised 2021-2026 open house, engagement findings report, October 2019	Stakeholder Engagement	No
UE ATT072	United Energy, Energised 2021-2026 community survey - engagement findings report, October 2019	Stakeholder Engagement	No
UE ATT073	Woolcott, Draft proposal customer engagement - forums and discussion groups report, May 2019	Stakeholder Engagement	No
UE ATT074	Woolcott, Future networks forum report, April 2019	Stakeholder Engagement	No
UE ATT075	Woolcott, United Energy SME survey – phase, July 2018	Stakeholder Engagement	No

UE ATT076	Woolcott, Phase 4 commercial and industrial customers and industry associations report on key findings, September 2019	Stakeholder Engagement	No
UE ATT077	Woolcott, Community opinion leader forum report, June 2018	Stakeholder Engagement	No
UE ATT078	Woolcott, SME survey phase 4 sept United Energy, September 2019	Stakeholder Engagement	No
UE ATT079	Woolcott, Commercial and industrial customer in-depth interviews (round1) report on key findings, July 2018	Stakeholder Engagement	No
UE ATT080	Woolcott, Exploration of energy issues - C&I findings, October 2017	Stakeholder Engagement	No
UE ATT081	Woolcott, Exploration of electricity issues - Qualitative Findings, September 2017	Stakeholder Engagement	No
UE ATT082	Woolcott, Investment options forums report, September 2018	Stakeholder Engagement	No
UE ATT083	Woolcott, Residential and SME forum report, June 2018	Stakeholder Engagement	No
UE ATT084	United Energy, Integrated summary report, August 2019	Stakeholder Engagement	No
UE ATT085	United Energy, Community pop-ups results, August 2019	Stakeholder Engagement	No
UE ATT086	Woolcott, Business survey phase 2 results, December 2017	Stakeholder Engagement	No
UE ATT087	Woolcott, Residential survey phase 2 results, December 2017	Stakeholder Engagement	No
UE ATT088	Woolcott, Residential survey phase, September 2019	Stakeholder Engagement	No
UE ATT089	AER, Transitional arrangement and application of STPIS to 2021-26 revenue determinations for Victorian distributors, November 2019	Transition period	No
UE ATT090	AER, Letter Victorian Distributor reset timing, proposed interim measure, November 2019	Transition period	No
UE ATT091	AER, Application of the 2018 rate of return instrument, September 2019	Revenue	No
UE ATT092	United Energy, Load forecast manual 2018-19, 2018	Operating expenditure Augmentation capex	No
UE ATT093	OAIC, Australian privacy principle 11, security of personal information, July 2019	IT capex	No
UE ATT094	United Energy, Fire prevention plan, June 2019	Replacement capex	No
UE ATT095	United Energy, HV feeder upgrades, January 2020	Augmentation capex	No

UE ATT096	Marsh, Liability market and claims overview, October 2019	Operating expenditure	No
UE ATT097	GHD, Advisory 2021-26 repex modelling review, December 2019	Replacement capex	No
UE ATT098	ACIF, Australian construction market report, May 2019	Connections capex	No
UE ATT099	AER, Industry practice application note: asset replacement planning, January 2019	Replacement capex	No
UE ATT100	Ofgem, DNO common network asset indices methodology, Health & Criticality V1.1, January 2017	Replacement capex	No
UE ATT101	United Energy, Related parties, January 2020	Reset RIN	No
UE ATT102	CutlerMerz, Review of demand management unit rates, February 2019	Operating expenditure	No
UE ATT104	United Energy, Maximum demand forecasting method, January 2020	Operating expenditure Augmentation capex	No
UE ATT105	United Energy, Final project assessment report for the Lower Mornington Peninsula supply area, May 2016	Operating expenditure	No
UE ATT106	United Energy, Certification of reasonableness of key assumptions, December 2019	NER requirement	No
UE ATT107	AER, Electricity distribution network service provider, performance data, August 2019	Overview	No
UE ATT108	Board Paper, UE Board Meeting re separation from Multinet Gas (transfer UEM employees into the UEDH group/Clean-up of UEDH corporate structure), December 2018	Reset RIN	Yes
UE ATT109	MP D'Ambrosio Changes to timing of annual Victorian network price updates, October 2019	Transition period	No
UE ATT110	ACIF, mapping to function codes, May 2019	Connections capex	No
UE ATT111	United Energy, IT external labour rates, March 2019	IT capex	No
UE ATT112	United Energy, annual pricing proposal 2016, November 2015	Reset RIN	No
UE ATT113	United Energy, annual pricing proposal 2017, September 2016	Reset RIN	No
UE ATT114	United Energy, annual pricing proposal 2018, September 2017	Reset RIN	No
UE ATT115	United Energy, annual pricing proposal 2019	Reset RIN	No
UE ATT116	United Energy, annual pricing proposal 2020	Reset RIN	No



UE ATT117	CGI, quote for CHED and UE MIS Onshore model pricing estimate, August 2019	Operating expenditure	Yes
UE ATT118	Dimension Data, Quote for on-shoring, August 2019	Operating expenditure	Yes
UE ATT119	FIRB, letter of no objection, April 2017	Operating expenditure	Yes
UE ATT120	FIRB, Letter of approval of work plan, May 2018	Operating expenditure	Yes
UE ATT121	CIC, Resilience strategy plan	Operating expenditure	No
UE ATT122	CIC, Resilience strategy policy statement	Operating expenditure	No
UE ATT123	CIC, Guidance note on protecting critical infrastructure assets from foreign involvement risk	Operating expenditure	No
UE ATT124	United Energy, Cost allocation method, v3, January 2020	Operating expenditure Revenue	No
UE ATT125	AER, Electricity distribution network service providers, service target performance incentive scheme, v2, November 2018	Incentives	No
UE ATT126	AER, Distribution reliability measures guideline, November 2018	Incentives	No
UE ATT127	AER, Values of customer reliability, final report on VCR values, December 2019	Incentives	No
UE ATT128	AER, Capital expenditure incentive guideline for electricity network service providers, November 2013	Incentives	No
UE ATT129	Australian Tax Office, taxation ruling, income tax: effective life of depreciating assets (applicable from 1 July 2019), TR 2019/5, May 2019	Revenue	No
UE ATT130	AER, Better regulation shared asset guideline, November 2013	Revenue	No
UE ATT131	AER, Draft customer service incentive scheme, December 2019	Incentives	No
UE ATT132	AER, Demand management incentive scheme, electricity distribution network service providers, December 2017	Incentives	No
UE ATT133	AER, Demand management innovation allowance mechanism, electricity distribution network service providers, December 2017	Incentives	No
UE ATT134	AER, Better regulation: expenditure forecast assessment guideline for electricity distribution, November 2013	Replacement capex Operating expenditure	No

UE ATT135	AER, Non-network ICT capex assessment approach, November 2019	IT capex	No
UE ATT136	Department of Primary Industries, Advanced Metering Infrastructure, Minimum AMI functionality specification (Vic), September 2008	Metering services	No
UE ATT137	AER, Final decision paper, forecasting productivity growth for electricity distributors, March 2019	Operating expenditure	No
UE ATT138	Hays, Salary guide, 2019	Operating expenditure	No
UE ATT139	United Energy, Asset risk quantification guide, January 2020	Replacement capex	No
UE ATT140	Tract Consultants; 78 Middleborough Road Burwood East Development Plan Vol 1, October 2018	Connections capex	No
UE ATT142	Australian Energy Market Commission, Final report 2018 residential electricity price trends review, December 2018	Overview	No
UE ATT143	International association for public participation -IAP2's, Public participation spectrum	Augmentation capex	No
UE ATT144	AEMO, 2019-20 Integrated System Plan, 2019 Inputs and Assumptions Workbook	Our energy future	No
UE ATT145	Climate Council, Fully charged - renewables and storage powering Australia, February 2018	Our energy future	No
UE ATT146	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
UE ATT147	Government of Victoria, Renewable energy action plan, January 2020	Our energy future	No
UE ATT148	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
UE ATT149	Office of the Premier, Cheaper electricity with solar batteries For 10,000 homes, media release, September 2018	Our energy future	No
UE ATT150	Office of the Premier, Cutting power bills with solar panels for 650,000 homes, media release August 2018	Our energy future	No
UE ATT151	Victorian Government, Victorian infrastructure plan 2018	Our energy future	No
UE ATT152	AER, Industry practice application note: asset replacement planning, January 2019	Replacement capex	No
UE ATT153	ESV, Draft report (public), Powercor wood pole management, an assessment of sustainable wood pole safety outcomes, December 2019	Replacement capex	No

UE ATT154	Australian Government, Australian Signals Directorate, Australian Cyber Security Centre (ACSC), Threat report 2017, October 2017	IT capex	No
UE ATT155	Mornington Peninsula Shire, Population forecast, November 2019	Non-network capex	No
UE ATT156	AER, Draft Decision SA Power Networks, Distribution determination 2020 to 2025, Attachment 6, Operating expenditure, October 2019	Operating expenditure	No
UE ATT157	Victorian Government, Residential tenancies regulations 2020 RIS, November 2019	Augmentation capex	No
UE ATT158	ESC, Victorian electricity distribution code Vs 10, January 2020	Operating expenditure IT capex	No
UE ATT159	AEMC, Five minute settlement rule determination, Nov2017	IT capex Augmentations capex Operating expenditure	No
UE ATT160	Gartner, 2018 Top priorities for customer service and support, April 2019	IT capex	No
UE ATT161	Gartner, Protect your organisation from cyber and ransomware attacks, April 2019	IT capex	No
UE ATT162	Oracle, Introducing Oracle database 18c, white paper, July 2018	IT capex	No
UE ATT163	MuleSoft, Whitepaper SAP integration best practices, may 2019	IT capex	No
UE ATT164	ACSC, Essential eight explained, April 2019	IT capex	No
UE ATT165	Australian Energy Market Operator Limited, 2018 summary report into the cyber security preparedness of the national and WA wholesale electricity markets, December 2018	IT capex	No
UE ATT166	Office of the Australian Information Commissioner, Data breach preparation and response, February 2018	IT capex	No
UE ATT167	Department of Home Affairs, Australia's cyber security strategy, November 2019	IT capex	No
UE ATT168	Office of the Australian Information Commissioner, Guide to securing personal information, June 2018	IT capex	No
UE ATT169	Cyber Infrastructure ICS, Alert-Cyber Attack Against Ukraine Critical Infrastructure, February 2016	IT capex	No
UE ATT170	Alan Finkel, Independent review into the future security of the National Electricity Market, June 2017	IT capex	No

UE ATT171	ACSC, Routers targeted, Cisco smart install feature continues to be targeted by Russian state - sponsored actors, April 2018	IT capex	No
UE ATT172	State Government of Victoria, Emergency Management Victoria, critical infrastructure resilience strategy, July 2015	IT capex	No
UE ATT173	State Government of Victoria, Emergency Management Victoria, Victoria's critical infrastructure all sectors resilience report 2018, May 2019	IT capex	No
UE ATT174	CISA, United States DHS/FBI, Alert (TA18-074A)-Russian Government cyber activity targeting energy and other critical infrastructure sectors, March 2018	IT capex	No
UE ATT175	World Economic Forum, Cyber resilience in the electricity ecosystem-principles and guidance for boards, January 2019	IT capex	No
UE ATT176	World Economic Forum, The global risks report 2019; 14th edition, 2019	IT capex	No
UE ATT177	SA Power Networks, 2020-2025 draft plan	IT capex	No
UE ATT178	Yale Environment 360, EVs make up half of new car sales in Norway so far this year, July 2019	IT capex	No
UE ATT179	ENA, National Guidelines for Prevention of Unauthorised Access to Electricity Infrastructure, 2006	IT capex	No
UE ATT180	Australian New Zealand, counter-terrorism committee National guidelines for protecting critical infrastructure from terrorism - ENA DOC 015-2006	IT capex	No
UE ATT181	Office of Projects Victoria, Victorian digital asset strategy strategic framework	IT capex	No
UE ATT182	ASIC, Users of financial reports, list of financial reporting and audit questions, October 2014	IT capex	No
UE ATT183	ASUG News, SAP S/4HANA Live customer numbers continue to grow, February 2018	IT capex	No
UE ATT184	AEMC, Economic regulatory framework review - integrating distributed energy resources for the grid of the future, September 2019	IT capex	No
UE ATT185	Powercor, Final decision, distribution determination 2016 to 2020 - Attachment 6 Capital expenditure, May 2016	Connection capex	No
UE ATT186	The Commonwealth Of Australia Senate, Minerals resource rent tax repeal and other measures bill 2014, schedule 6, December 2019	Operating expenditure	No
UE ATT187	Zinfra, UE Depot safety concerns' letter, January 2020	Non network capex	No

UE ATT188	UE Motor vehicle policy document No. U PO 005, July 2019	Non network capex	No
UE ATT189	AER, Application guidelines, Regulatory investment test for distribution, December 2018	Augmentation capex Replacement capex	No
UE ATT190	Australian Government, Emissions reduction fund white paper, April 2014	Augmentation capex	No
UE ATT191	AEMC, Distribution market model, final report, August 2017	Augmentation capex	No
UE ATT192	Geelong Council, Zero carbon emissions strategy - background and context, May 2019	Augmentation capex	No
UE ATT193	Department of Environment and Energy, About the climate solutions fund - emissions reduction fund, February 2019	Augmentation capex	No
UE ATT194	Clean Energy Regulator, Auction, July 2019	Augmentation capex	No
UE ATT195	Suburban rail loop authority, September 2019 Newsletter, October 2019	Connections capex	No
UE ATT196	United Energy, Enabling rooftop solar exports options paper for consultation, April 2019	Augmentation capex	No
UE ATT197	United Energy, Proposed negotiating framework regulatory control period commencing, July 2021	NER requirement	No
UE ATT198	K-BIK, Power Substation common failures assessment review, January 2020	Replacement capex	No
UE ATT199	AER Draft Decision Ausgrid distribution determination Attachment 6 Capital expenditure, November 2014	Operating expenditure	No
UE ATT200	ESV, Powercor wood pole management, sustainable wood pole safety management approach, detailed technical report, December 2019	Replacement capex	No