

Confidentiality template



TRANSEND

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Mercer – Valuation of defined benefits in RBF liability reports (2008-09 to 2012-13)	Actuarial assessment of the defined benefit liability including methodology and assumptions	Opex,Capex	Other	Contains confidential information from a third party. Contains valuable third party intellectual property. Transend has only been authorised to disclose these reports on a fully confidential basis.	Release of the information publicly would put us in breach of confidence to the third party.	

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Escalation Factors Transend – CEG 20 December 2013 (excel file)	Excel file containing the calculations of labour and materials escalation factors (various sheets)	Capex/Opex	Other	Contains confidential information from a third party. Contains valuable third party	Release of the information publicly would put us in breach of confidence to the third party.	

				intellectual property. Contains information obtained by the third party from a licensed service provider.		
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D14/16051 – Appendix 16: Marsh – estimation of insurance premiums over the regulatory control period Various as highlighted	Details of insurance cover and premiums for various components	Opex	Market sensitive cost inputs	Detailed breakdown of insurance cover and forecast premiums	Publicly available information could affect our ability to obtain competitive insurance premiums in the future.	Impact on long term interests of consumers due to potential inability to achieve the most efficient costs which are passed on to consumers.
Appendix 15: Marsh – Quantification of self-insurance costs	Details and analysis of historical self-insurance costs and forecast for 2014-19	Opex	Information affecting the security of the network	Details regarding past losses and credible scenarios that could affect the network	Publicly available information could lead to damage to our network at identified locations.	Impact on long term interests of consumers due to potential costs incurred to rectify losses which are passed on to consumers.
Appendix 15: Marsh – Quantification of self-insurance costs	Details and analysis of historical self-insurance costs and forecast for 2014-19	Opex	Market sensitive cost inputs	Details regarding proposed costs of self-insurance and previous loss history.	Publicly available information could affect our ability to obtain competitive commercial insurance premiums in the future for these events.	Impact on long term interests of consumers due to potential inability to achieve the most efficient costs which are passed on to consumers.

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<p>Electricity sales and maximum demand forecasts for Tasmania to 2045 – Report D14/20503</p> <p>Page 4, paragraph 3 Page 30, paragraph 2 table Page 33, paragraph 5 bullet points Page 34, paragraph 1 bullet points and table Page 38, paragraph 7-8 Page 39, table 3.5 and Figure 3.3 Page 40, table 3.6 and Figure 3.4 Page 41 table 3.7 and Figure 3.5 Page 42, table 3.8 and Figure 3.6 Page 53, paragraph 4 and bullet point 9</p> <p>Page 58-61 table 4.2-4.4</p> <p>Page 69, bullet point 3</p> <p>Page 89-96 table 5.14-5.18</p> <p>Page 101-108 table 5.23-5.27</p> <p>Page 144 table D.6</p> <p>Page 146 table D.6</p> <p>Page 148 table D.6</p> <p>Page 156- 159 all of it</p>	<p>Details of load and connection points of directly supplied customers</p>	<p>Load information</p>	<p>Personal information</p>	<p>Contains customer information or information from which customer information could reasonably be ascertained</p>	<p>Information contained within connection enquiry is confidential</p>	<p>Information contained within connection enquiry is confidential</p>
<p>Electricity sales and maximum demand forecasts for Tasmania to 2045 – Report D14/20503</p> <p>Page 44 paragraph 3 equation Page 46 paragraph 3 equation</p>	<p>Load forecast equation</p>	<p>NIEIR forecast equation</p>	<p>Market intelligence</p>	<p>NIEIR derived forecasting equation</p>	<p>NIEIR intellectual property</p>	<p>NIEIR intellectual property which would not add value to the general public</p>
<p>Electricity sales and maximum demand forecasts for Tasmania to 2045 – Report D14/20503</p> <p>Page 50 paragraph 2 & 4</p>	<p>Price elasticity information</p>	<p>Price sensitive information</p>	<p>Market intelligence</p>	<p>Load vs price relationships</p>	<p>Commercial customer information</p>	<p>Price related information</p>

Electricity sales and maximum demand forecasts for Tasmania to 2045 – Report D14/20503 Page 165 paragraph 2 equation	Load forecast equation	NIEIR forecast equation	Market intelligence	NIEIR derived forecasting equation	NIEIR intellectual property	NIEIR intellectual property which would not add value to the general public
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D08/52850 Project estimating manual			Choose an item.			
2.2 Estimate accuracy, pg 10	Information relating to internal labour costs, supplier prices and method of estimation may affect Transend's ability to obtain competitive prices for future transactions with external suppliers.	Capex, Opex	Market sensitive cost inputs	Information relating to internal labour costs, supplier prices and method of estimation may affect Transend's ability to obtain competitive prices for future transactions with external suppliers.	Information may affect Transend's ability to deliver competitive prices, which will impact ultimately on network prices.	Competitive pricing, to ensure that consumers are provided with appropriate value.
2.5 Estimating process, Figure 1 – estimating process, pg 11						
Section 5.1, Base planning objects and rates, pg 19						
Section 5.2, Transend labour costs, pg 20						
Section 5.3, Design costs, pg 21						
Section 5.4, procurement costs, pg 21						
Section 5.5, contractor costs, pg 21						
Section 5.7.1 General, pg 24						

Section 5.7.3 Accuracy allowance- level 2 estimate, pg 25						
Section 5.7.4 Accuracy allowance- level 3A estimate, pg 25						
Section 5.7.5 Accuracy allowance- level 3B estimate, pg 25						
Figure 8 – accuracy allowance level 2, pg 26						
Figure 9 – accuracy allowance level 3A, pg 26						
Figure 10 – accuracy allowance level 3B, pg 26						
Section 5.8.1, General, pg 27						
Section 5.8.4, contingency allowance – level 1 estimate, pg 28						
Section 5.8.5, contingency allowance – level 2 estimate, pg 28						
Section 5.8.6, contingency allowance – level 3A estimate, pg 28 and 29						
Section 5.9.1, Project estimation escalation, pg 30						
Figure 15 – Project estimate template –						

summary worksheet, pg 35						
Section 7.3, risk management process, pg 37						
Section 8.1 general, pg 38						
Section 8.2 duration, pg 39						
Section 8.3, Regulatory asset class breakdown, pg 40						
Section 8.4, component indicies, pg 41						
Section 8.5, outage /activity duration						
Figure 17, pg 43						
Figure 18, pg 43						
Figure 19, pg 44						
Figure 20, pg 44						
Figure 21, pg 45						
Figure 22, pg 45						
Figure 23, pg 46						
Figure 24, pg 46						
Figure 25, pg 47						
Figure 26, pg 47						
Figure 27, pg 48						
Figure 28 – pg 48						
Figure 29, pg 49						
Figure 30, pg 49						
Figure 31, pg 50						
Figure 32, pg 50						
Figure 33, pg 51						

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Transend and Aurora's joint planning procedure Page 16, signature block	Signatures	capex	Personal information	Information is personal	Potential for identity theft	No benefit to customers

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Transend RIN template Sheet 2.2 Repex (columns N-X for cells with assets being replacements) – cells N11:X185	Expenditure (\$000's) for each financial year 2008/09-1018/19 for each asset type	Capex	Market sensitive cost inputs	When used with associated Asset Replacement volumes a unit price for each asset can be determined.	Disclosing this information will affect our ability to obtain competitive prices for planned projects	Has potential to increase the cost of delivery of services and hence the future price of transmission services
Transend RIN template Sheet 2.3 Augex project data - Table 2.3.1 columns P, S, V, W, Y, Z, AA, AF for cells with expenditure entries - Table 2.3.2 columns L, S, T, V, W, X, AC, AE for cells with expenditure entries	Expenditure (\$000's) for major assets types and other delivery services	Capex	Market sensitive cost inputs Strategic information (Table 2.3.2)	When used with associated Asset Replacement volumes a unit price for each asset can be determined. Includes forecast easement costs	Disclosing this information will affect our ability to obtain competitive prices for planned projects and acquiring easements	Has potential to increase the cost of delivery of services and hence the future price of transmission services

Transend RIN template Sheet 2.4 Connections Cells K23:M24	Expenditure (\$000's) for direct materials and direct labour for proposed project	Capex	Market sensitive cost inputs	Read in conjunction with the project description project components can be determined	Disclosing this information will affect our ability to obtain competitive prices for planned projects	Has potential to increase the cost of delivery of services and hence the future price of transmission services
Transend RIN template Sheet 2.9 Labour - Table 2.9.1 Cost metrics Columns AJ-AT for cells with total labour costs	Total labour costs for employee types/categories	Opex	Market sensitive cost inputs	When used with associated ASL numbers salaries can be determined for employee types/categories	Disclosing this information will affect our ability to attract employees	Has potential to reduce service performance and delivery
Transend RIN template Sheet 2.9 Labour - Table 2.9.2 Extra description metrics for current year Columns DJ and EF	Average productive work hours hourly rate per ASL (ordinary time & overtime)	Opex	<i>Market sensitive cost inputs</i>	When used with associated ASL numbers salaries can be determined for employee types/categories	Disclosing this information will affect our ability to attract employees	Has potential to reduce service performance and delivery
Transend RIN template Sheet 2.13 Insurance & Self Insurance changes – Table 2.13.1 Forecasts commercial insurance premiums by risk class	Detailed business risk and financial insurance information	Opex	Market sensitive cost inputs	Detailed breakdown of current and forecast insurance cover and associated premiums is shown in the template	Disclosing this information will affect our ability to obtain competitive prices	Has potential to increase costs of services and hence the future price of transmission services
Transend RIN template Sheet 2.13 Insurance & Self Insurance changes – Table 2.13.2 Insurance premium – Total property	Detailed business risk and financial insurance information	Opex	Market sensitive cost inputs	Detailed breakdown of current and forecast insurance cover and associated premiums is shown in the template	Disclosing this information will affect our ability to obtain competitive prices	Has potential to increase costs of services and hence the future price of transmission services
Transend RIN template Sheet 2.13 Insurance & Self Insurance changes – Table 2.13.3 Insurance premium – Total liability	Detailed business risk and financial insurance information	Opex	Market sensitive cost inputs	Detailed breakdown of current and forecast insurance cover and associated premiums is shown in the template	Disclosing this information will affect our ability to obtain competitive prices	Has potential to increase costs of services and hence the future price of transmission services
Transend RIN template Sheet 2.13 Insurance & Self Insurance changes – Table 2.13.4 Proposed self-insurance allowance by risk category	Detailed business risk and financial insurance information	Opex	Market sensitive cost inputs	Confidential information about self-insured risks of the business and the financial value placed upon them.	Disclosing this information will affect our ability to obtain competitive prices if these events were to be commercially insured	Has potential to increase costs of services and hence the future price of transmission services
Transend RIN template Sheet 4.3 MD & utilisation-Spatial Rows with direct connect customer (excluding NSP) connection and demand information	Information about customer connections demands	Customer information	Personal information Other	Confidential information about individual (non NSP) customers demand and connection arrangements	Disclosing information would be breach of contract and would damage ability of business to get similar information in the future	No public benefit

[56-99, 166-187, 386-429, 760-803, 870-891, 936-957, 1068-1111, 1244-1265						
Transend RIN template Sheet 5.2 TableS 5.2.2 and 5.2.3 - Proposed priority projects for the network capability incentive parameter Rows 38, 80	Customer connection information	Customer information	Personal information Other	Confidential information about individual (non NSP) customers demand and connection arrangements	Disclosing information would be breach of contract and would damage ability of business to get similar information in the future	No public benefit

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Tender Evaluation Procedure, Page 9 appendix 1, table 1	Guideline for establishing weightings	tendering	Market intelligence	Could influence future tenders	Weightings are not in the public interest and could influence tenders	No public benefit
Tender evaluation plan, page1, criteria for evaluation	Guideline for establishing weightings	tendering	Market intelligence	Could influence future tenders	Weightings are not in the public interest and could influence tenders	No public benefit
Alstom – Tendered 1766 final tender evaluation report, page 2,3&4	Comments on evaluation and Contractor pricing information	tendering	Market sensitive cost inputs	Price breakdown and negotiate outcomes	Give competitors confidential market information	No public benefit
Alstom – Tendered 1766 final tender evaluation report, page 5&6	Signatures of Transend personnel		Personal information			No public benefit
Alstom – Tendered 1766 interim tender evaluation report, page 2, Table 1	Tender pricing	tendering	Market sensitive cost inputs	Price comparison	Give competitors confidential market information	No public benefit

Alstom – Tendered 1766 interim tender evaluation report, page 3, Clause 4	Evaluation weighting breakdown	tendering	Market intelligence	Could influence future tenders	Weightings are not in the public interest and could influence tenders	No public benefit
Alstom – Tendered 1766 interim tender evaluation report, page 3,4&5	Commentary on evaluation considerations	tendering	Market intelligence	Could influence future tenders	Give competitors confidential market information	No public benefit
Alstom – Tendered 1766 interim tender evaluation report, page 6&7	signatures		Personal information			No public benefit
Alstom – Tendered 1766 interim tender evaluation report, page 8, comparative evaluation	Evaluation of costs and technical scoring	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Alstom – Tendered 1766 tender evaluation plan, page 2&3, clauses 3-6, weighting plan	Evaluation weightings and considerations	tendering	Market intelligence	Could influence future tenders	Weightings are not in the public interest and could influence tenders	No public benefit
Alstom – Tendered 1766 tender evaluation plan, page 4&5,	signatures		Personal information			No public benefit
Alstom – Tendered 1766 selection of tenderers page 2	signatures		Personal information			No public benefit
Alstom – Tendered 1766 contract requisition page 2	signatures		Personal information			No public benefit
Alstom – Negotiated 1999 – Contract Negotiation Report, clause 4, pages 2,3&4	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Alstom – Negotiated 1999 – Contract Requisition, page 3	signatures		Personal information			No public benefit

ABB –Transformers 1549- Interim Tender evaluation report, page 3	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
ABB –Transformers 1549- Interim Tender evaluation report, page 3, 4 & 5	Evaluation comparison detail	tendering	Market intelligence	Confidential Technical information	Give competitors confidential market information	No public benefit
ABB –Transformers 1549- Interim Tender evaluation report, page 6&7	signatures		Personal information			No public benefit
ABB –Transformers 1549- Final Tender evaluation report, page 2	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
ABB –Transformers 1549- Final Tender evaluation report, page 3	signatures		Personal information			No public benefit
Aurora Contract 1503 pages 17,18,19,20,21,23 & 51(Annexure 7)	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Entura Services 1625 - Request for Services summary	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Gradco – Minor Works 1778 Contract Requisition – page 1	signatures		Personal information			No public benefit
Gradco – Minor Works 1778 - Request for Works summary	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Jemena – Negotiated 1802 Formal Instrument	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Jemena – Negotiated 1802 Negotiated Contract Report, page 1, 3,4, 5,6	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit

Jemena – Negotiated 1802 Negotiated Contract Report, page 7	signatures		Personal information			No public benefit
Powercor – Negotiated 1797 – Contract Requisition, page 3	signatures		Personal information			No public benefit
Powercor – Negotiated 1797 – Negotiated Contract Report, page 2,3&4	Tender pricing information	tendering	Market sensitive cost inputs	Confidential pricing information	Give competitors confidential market information	No public benefit
Transfield Services 1460 Contract Requisition page 8	signatures		Personal information			No public benefit
Transfield Services 1460 Selection of Tenderers page 2	signatures		Personal information			No public benefit

Confidentiality template - Asset Management Plans



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D08/99418 Transmission line support structures Asset management plan			Choose an item.			
Pg. 17 2.2.1.5 K-poles	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Pg. 24 2.3.5 K-poles	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 32 3.3.6 Warning signs	Number of signs and labour/materials cost inputs	CAPEX	Market sensitive cost inputs	Can calculate unit costs for signage installation	Could affect bidding process for this program of works when tenders are sought	Impact on the long term interests of customers through transmission service input costs
Pgs. 34-35 4.1.2 Major industrial direct customer connections	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to direct customers of the network	Security of the network
Page 46 7.2.6 Transmission line	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the	Information may be used to cause targeted damage to equipment	Security of the network

support structure replacement strategies				security of the transmission network	that may result in reduced security to the transmission network	
Page 46 7.2.6 Transmission line support structure replacement strategies	Number of signs and labour/materials cost inputs	CAPEX	Market sensitive cost inputs	Can calculate unit costs for signage installation	Could affect bidding process for this program of works when tenders are sought	Impact on the long term interests of customers through transmission service input costs

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D03/5593 Transmission line easements asset management plan			Choose an item.			
Pg. 23 2.8.6 Transmission line security	Information relating to security of the network	CAPEX	Information affecting the security of the network	Describes that there are locks with expired patents	Information could be used to gain unauthorised access to transmission line access tracks including private landowners property	Security of the network and security of access tracks. Could cause negative relationships with landowners.
Pg. 34 6.2.2 Transmission line access track security system compliance program	Information relating to security of the network	CAPEX	Information affecting the security of the network	Describes that there are locks with expired patents	Information could be used to gain unauthorised access to transmission line access tracks including private landowners property	Security of the network and security of access tracks. Could cause negative relationships with landowners.

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transformer protection asset management plan - D12/10081 Page 30, section 4.2.2	Customer connection agreement details	Capex	Personal information	Customer information	The Customer may not want to have specific agreement details published	The public do not need to know who the agreement is with just that there is an agreement in place

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D13/14056 - Telecommunications Telephone System Asset Management Plan			Choose an item.			
List of Figures, pg 6	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
List of Tables, pg 7						

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D12/53719 – Telecommunications Ethernet system Asset Management Plan			Choose an item.			
Table of Contents, Pg 5	Reference to Individual products	Capex	Information affecting the security of the network	The information provided can be used to target an attack at individual devices compromising the security of Transend's network.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
List of tables, Pg 6	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Executive Summary, Pg 8	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Executive Summary, Pg 8	References to security products and techniques.	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Glossary, Pg 9	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Glossary, Pg 9	References to technology protocols and actual products	Capex	Information affecting the security of the network	The information provided can be used to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 1.3 Scope, Pg 11	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2 Ethernet System description, Pg 14-15	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Section 2 Ethernet System description, Pg 14-15	References to external parties and customers	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 2.2.1 Ethernet switches, Pg 17	References to technology protocols and actual products	Capex	Information affecting the security of the network	The information provided can be used to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2.2.2 Ethernet routers, Pg 18	References to external parties and customers	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

Section 2.2.2 Ethernet routers, Pg 18	References to technology protocols and actual products	Capex	Information affecting the security of the network	The information provided can be used to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2.3 Age Profile, Pg 19-20	References to device locations and actual products	Capex	Information affecting the security of the network	The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2.3 Age Profile, Pg 19-20	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Section 2.5 System functionality, Pg 21	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2.6 Makes and models, Pg 21-27	References to actual products and protocols	Capex	Information affecting the security of the network	The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 2.6.1.3 NOCS Network, Pg 24-25	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Section 2.6.2.2 Carrier Ethernet Network, Pg 25	References to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 3 Conditioning Monitoring Practice, Pg 28	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 3.2 Asset condition summary, Pg 28	References to operational systems and NOCS use of Ethernet and the references to technology protocols	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

<p>Section 3.2.1 6509 Blade Chassis, Pg 29</p>	<p>References to device locations and actual products</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 3.2.3 Carrier Ethernet Network, Pg 29</p>	<p>References to technology protocols</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 3.3.1.1 Juniper EX4500 Interoperability, Pg 29-30</p>	<p>References to device locations and actual products</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>

Section 3.3.1.2 Major network equipment support, Pg 30	References to actual products and suppliers	Capex	Information affecting the security of the network	The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 3.3.1.3 HiD 66xx Product Support, Pg 30	Reference to Individual products	Capex	Information affecting the security of the network	The information provided can be used to target an attack at individual devices compromising the security of Transend's network.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 3.3.3.1 AC Powered Devices, Pg 30	Reference to locations	Capex	Information affecting the security of the network	The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

Section 3.3.3.2 Power Supply Redundancy deficiently	Reference to actual products and technology protocols	Capex	Information affecting the security of the network	The information provided can be used to target an attack at individual devices compromising the security of Transend's network.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
Section 3.3.4.1 Security Pg 31,	References to how the IT network is secured	Capex	Information affecting the security of the network	Information about the security systems used to secure the network.	Provides information regarding how the network is secured. This allows attackers information regarding the systems on the network.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system
Section 4.3 Key Performance Indicators, Pg 32-34	References to operational systems and NOCS use of Ethernet and the references to locations	Capex	Information affecting the security of the network	The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.

<p>Figure 5, Average health by asset type, pg 38</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 5.4 Monitoring and review, Pg 38</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 6.2 Asset specific implications, Pg 39</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>

<p>Section 7.2 Maintenance plan, Pg 40</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 7.3.1 Network Strategy, Pg 41</p>	<p>References to device locations, actual products and operational (NOCS) usage</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to determine network architecture and to target vulnerabilities in specific network products.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 7.3.2 Asset replacement strategy, Pg 42</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>

<p>Table 12 Telecommunications Ethernet Systems Replacement program pg 43</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 7.3.4 Standard system development</p>	<p>Reference to actual products and technology protocols</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to target an attack at individual devices compromising the security of Transend's network.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Section 8.1 Operational Expenditure, Pg 44</p>	<p>References to operational systems and NOCS use of Ethernet</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to build a network picture which compromises the security of Transend's Ethernet and NOCS system.</p>	<p>Network knowledge can allow cyber- attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>

<p>Appendix A Corporate Data network (including wireless) Pg 45</p>	<p>Diagram of the corporate data network</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Provides the corporate network hardware architecture compromising the effectiveness of IT security</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Appendix B Carrier Ethernet network (including wireless) Pg 46</p>	<p>Diagram of the carrier ethernet network</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Provides the carrier network hardware architecture compromising the effectiveness of IT security</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>
<p>Appendix C – Low condition ethernet assets Pg 47-49</p>	<p>Device locations and product models</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The information provided can be used to target an attack at individual devices compromising the security of Transend's network.</p>	<p>Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.</p>	<p>A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.</p>

Appendix D – Medium condition ethernet assets Pg 50-54	Device locations and product models	Capex	Information affecting the security of the network	The information provided can be used to target an attack at individual devices compromising the security of Transend’s network.	Network knowledge can allow cyber-attacks to be targeted at specific areas reducing the security system resilience.	A cyber-attack affecting the NOCS and operational systems could seriously affect the operation of the transmission system.
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TRANSEND

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D09/42697– Surge Arrester Asset Management Plan			Choose an item.			
7.3.2 Asset category replacement program, pg22 and Table 2– proposed surge arresters identified for replacement	Information relating to condition of asset that may potentially risk security of the network and ability to effectively plan and operate network	Capex	Information affecting the security of the network	Information relating to specific equipment locations and condition that may be used to affect the security of network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Strategic information

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D09/52017 - Substation Civil Infrastructure Asset Management Plan			Choose an item.			
Table of Contents, 4.3 Service obligations for connection assets, pg 4 Section 4.3, Service obligations for connection assets, pg 25	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
D12/10563 - Substation site infrastructure program investment evaluation summary						
Section 2.3.1 Gordon Substation, pg 3 Section 5 Expected outcomes and benefits, pg 19	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 2 Problem Definition, pg 3	Information relating to specific	Capex	Information affecting the	Information relating to specific	Information may be used to cause	Security of the network.

Section 2.1 Substation fencing, pg 4	communication sites may be used to affect the security of the transmission network.		security of the network	communication sites may be used to affect the security of the transmission network.	targeted damage to equipment that may result in reduced security to the transmission network.	
Section 2.2 Transformer oil containment systems, pg 4, 5						
Section 2.2.1 Transformer bunds, pg 5						
Section 2.2.2 Hadspen transformer wing walls, pg 6						
Section 2.3.1 Gordon Substation, pg 7						
Section 2.3.2 Farrell Substation, pg 7, 8, 9						
Section 2.3.3 Building reroofing, pg 9, 10, 11						
Section 2.3.4 High voltage capacitor bank building access augmentation, pg 12, 13						
Section 8 Reference Documents, pg 14						
Section 1.1.2.1 Scope, pg 16						
Section 1.1.3.1 Scope, pg 17						
Section 5 Expected outcomes and benefits, pg 19						

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D08/99050 Structures and Busbars Asset management Plan			Choose an item.			
Page 33-35 Appendix D: Substation Structures and Busbars Audit, Table 6	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network

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D14/6340 Southern Transmission System rationalisation Strategy			Choose an item.			
Page 5 Figure 1	Information relating to electrical system configuration	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 5	Information relating to	Capex	Information affecting the	Information relating to specific equipment	Information may be used to cause targeted damage	Security of the network

Para 2	specific site information		security of the network	locations could compromise the security of the transmission network	to equipment that may result in reduced security to the transmission network	
Page 5 Bullet pt. 2	Information relating to specific site information	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 5 Bullet Pt. 3	Information relating to specific site and customer information	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 5 Para 3	Information relating to specific customer information	Capex	Market intelligence	Information relating to specific customers may compromise the security of the transmission network	Information may be used to the detriment of the specific customer	Impact on the long term interests of customers and the ability to plan and operate network
Page 8 3.4 Probability of failure	Information relating to specific customer information	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for contestable activities	Information relating to specific customers may provide an advantage to competitors for contestable activities	Impact on the long term interests of customers and the ability to plan and operate network

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SCADA Systems asset management plan - D12/20938 Page 26, Section 3.3.2.1	Customer asset details	Capex	Personal information	Customer information	The Customer may not want details of their assets disclosed to the public	The public does not need to know who Transend share assets with to understand the issue
Page 27, section 4.2.2	Customer connection agreement details	Capex	Personal information	Customer information	The Customer may not want to have specific agreement details	The public do not need to know who the agreement is with just that there is an

					published	agreement in place
Page 35, section 7.3.1, paragraph 3	Customer asset details	Capex	Personal information	Customer information	The Customer may not want details of their assets disclosed to the public	The public does not need to know who Transend share assets with to understand the issue

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D06/27447 Power Transformer Asset Management Plan			Choose an item.			
Page 17 & 18 2.1.1 Network transformers, Table 1	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 30 4.2.1 Major industrial direct customer connections	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 46 6.2.2 Proposed new installations	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 47 7.1 Issue summary	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network

				network	network	
Page 51 &52 7.3 Capital plan, Table 6	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 53 7.5 Spares management, Table 7	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 53 7.5 Spares management, Table 8	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 53 7.5 Spares management Table 9	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 55 8.3 Investment evaluation	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 56 - 59 Appendix A	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 60 & 61 Appendix B. Table 11	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 62 Table 12 & commentary	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could	Information may be used to cause targeted damage to equipment that may	Security of the network

				compromise the security of the transmission network	result in reduced security to the transmission network	
Page 67 Appendix D	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 68 - 73 Appendix D Power transformer condition summary, Table 18	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 74 - 78 Condition assessment – Network Transformers	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 104 - 116 Appendix H: Condition assessment – large transformers	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 117 – 124 Appendix I: Condition assessment	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
HV Substation protection asset management plan - D12/10734						
Page 29, section 4.2.2	Customer connection agreement details	Capex	Personal information	Customer information	The Customer may not want to have specific agreement details published	The public do not need to know who the agreement is with just that there is an agreement in place
Page 5, table of contents	Customer name that links to sensitive information on page 29	Capex	Personal information	Customer information	The Customer may not want to have specific agreement details published	The public do not need to know who the agreement is with just that there is an agreement in place

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D08/91256 - EHV Disconnecter and Earth Switch Asset Management Plan			Choose an item.			
Section 4.1.2.2, pg 24	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 4.1.2.3, pg 24						
Section 4.1.2.1	Information relating	Capex	Information affecting the	Information relating	Information may be	Security of the

Major Industrial direct customer connections, pg 23	to specific equipment locations may be used to affect the security of the transmission network.		security of the network	to specific equipment locations may be used to affect the security of the transmission network.	used to cause targeted damage to equipment that may result in reduced security to the transmission network.	network.
Table 5 110 kV disconnecter replacement program, pg 34, 35						

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D09/70682– DC Distribution System Asset Management Plan						
7.1 Issue summary,pg26	Information relating to a company whose identity is apparent or can reasonably be ascertained from the information which raises privacy consideration	capex	Personal information	Information relating to specific brand whose identity is apparent.	Information relating to specific brand whose identity is apparent.	Personal Information
Appendix A ,B & C– DC system duplication analysis result, Battery condition and charger condition, pg32-38	Information relating to specific equipment condition and locations that may be used to affect the security of the transmission network.	capex	Information affecting the security of the network	Information relating to specific equipment locations that may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the of the network

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Desktop program - Asset Management Plan - D12/10227			Choose an item.			
IT Desktop AMP Page 5 Section 2- Glossary (lines 4,5,6)	Information about terms utilised within Transend to described IT infrastructure.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Desktop AMP Page 7 Paragraph 1	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Desktop AMP Page 7 Section 5.1	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined	No public benefit of having this information publicised vs exposing information to Cyber terrorists.

					together, may result in an increased likelihood of compromise of ICT security.	
IT Desktop AMP Page 9 Section 5.1.2	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Desktop AMP Page 11 Section 5.4 (paragraph 2)	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Desktop AMP Page 12 Section 7.1.1 (Paragraph 2)	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Desktop AMP Page 14 Section 7.3 (Paragraph 3)	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased	No public benefit of having this information publicised vs exposing information to Cyber terrorists.

					likelihood of compromise of ICT security.	
IT Desktop AMP Page 15 Section 8	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
IT Security Systems Asset Management Plan - D12/10229			Information affecting the security of the network			
IT Security Systems AMP Page 9 Section 1.6	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Security Systems AMP Page 12 Section 2.11	Information about software products and used in	Disclosure of information about software and systems	Information affecting the security of the network	Provides information about the software and systems used	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been	No public benefit of having this information

(Table 1)	supporting documents.	that are used.		that would not normally be released.	flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	publicised vs exposing information to Cyber terrorists.
IT Security Systems AMP Page 14 Section 3.2	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Security Systems AMP Page 14 Section 3.3	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Security Systems AMP Page 15 Section 3.5.1	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
IT Security Systems AMP Page 15 Section 3.5.2	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company.	No public benefit of having this information publicised vs exposing

				normally be released.	Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	information to Cyber terrorists.
IT Security Systems AMP Page 21 Section 6.2.2 (Paragraph 4)	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.

Title, page and paragraph number of document containing the confidential information D10/97690- AC Distribution System Asset Management Plan	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Table 1– Sites where AC station supply is provided by or shared with a third party, pg11	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 3– Substations with only one SSVT, pg16; Table–6 Details on AC distribution board populations, pg31	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Confidentiality template- Investment Evaluation Summaries



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<p>Title, page and paragraph number of document containing the confidential information</p> <p>D13/10852</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 1 paragraph 1</p>	<p>- Wesley Vale Substation used to supply a major industrial load (Australian Paper Mill) at 11 kV. Since the closure of the Australian Paper Mill plant in 2010, the only load supplied from Wesley Vale Substation is one Aurora Energy (Aurora) customer (Dim Furniture) on an 11 kV feeder with a load less than 2.0 MVA.</p>	<p>capex</p>	<p>Personal information</p>	<p>Statement exposes the information of a certain customer</p>		

<p>Title, page and paragraph number of document containing the confidential information</p> <p>D13/10852</p> <p>Transmission line signage compliance program</p> <p>Investment Evaluation Summary</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 3</p> <p>2 Problem Definition</p>	<p>Number of signs</p>	<p>CAPEX</p>	<p>Market sensitive cost inputs</p>	<p>Number of signs</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>
<p>Page 7</p> <p>Option 1</p>	<p>Number of signs and labour/materials cost inputs</p>	<p>CAPEX</p>	<p>Market sensitive cost inputs</p>	<p>Can calculate unit costs for signage installation</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>
<p>Page 8</p> <p>Option 2</p>	<p>Number of signs and labour/materials cost inputs</p>	<p>CAPEX</p>	<p>Market sensitive cost inputs</p>	<p>Can calculate unit costs for signage installation</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>	<p>Impact on the long term interests of customers through transmission service input costs</p>
<p>Page 9</p> <p>Option 3</p>	<p>Number of signs and labour/materials cost inputs</p>	<p>CAPEX</p>	<p>Market sensitive cost inputs</p>	<p>Can calculate unit costs for signage installation</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>	<p>Impact on the long term interests of customers through transmission service input costs</p>
<p>Page 10</p> <p>Option 4</p>	<p>Number of signs and labour/materials cost inputs</p>	<p>CAPEX</p>	<p>Market sensitive cost inputs</p>	<p>Can calculate unit costs for signage installation</p>	<p>Could affect bidding process for this program of works when tenders are sought</p>	<p>Impact on the long term interests of customers through transmission service input costs</p>

<p>Title, page and paragraph number of document containing the confidential information – transmission line protection asset management plan - D09/34013</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 29, section 3.3.1c</p>	<p>Location of assets that have a critical network security issue</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The transmission lines mentioned highlight the potential to cause significant disruption to the transmission network</p>	<p>The protection schemes are not located within Transend controlled building and if known could be manipulated to cause significant disruption to the transmission network</p>	<p>The public does not need to know the location of such assets to assess the need for investment</p>
<p>Page 29, section 3.3.1c</p>	<p>Customer name and the names of the customers assets affected by the performance of Transend assets</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential impacts to their operations published</p>	<p>Mentioning risks affecting a customer's operations may have an impact on their investments or investors</p>
<p>Page 30, section 3.3.2, paragraph 1</p>	<p>Customer at risk by Transend's asset failure</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential impacts to their operations published</p>	<p>Mentioning risks affecting a customer's operations may have an impact on their investments or investors</p>
<p>Page 30, section 3.4f</p>	<p>Customer assets at risk by Transend's asset failure</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential impacts to their operations published</p>	<p>Mentioning risks affecting a customer's operations may have an impact on their investments or investors</p>
<p>Page 30 and 31, section 3.4g</p>	<p>Customer assets at risk by Transend's asset failure</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential impacts to their operations published</p>	<p>Mentioning risks affecting a customer's operations may have an impact on their investments or investors</p>
<p>Page 31, section 3.4h</p>	<p>Customer assets at risk by Transend's asset failure</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential impacts to their operations published</p>	<p>Mentioning risks affecting a customer's operations may have an impact on their investments or investors</p>
<p>Page 31, section 3.4i</p>	<p>Customer assets at risk by Transend's asset</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>The Customer may not want to have potential</p>	<p>Mentioning risks affecting a customer's operations</p>

	failure				impacts to their operations published	may have an impact on their investments or investors
Page 32, section 4.2.2	Customer connection agreement details	Capex	Personal information	Customer information	The Customer may not want to have specific agreement details published	The public do not need to know who the agreement is with just that there is an agreement in place

Title, page and paragraph number of document containing the confidential information – D12/10520 Transmission line light detection and ranging program Investment Evaluation Summary	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Page 1 Estimate	Cost estimate for services	CAPEX	Market sensitive cost inputs	Unit costs for LiDAR surveys could provide advantage to competitors for contestable activities	Could affect bidding process for this program of works when tenders are sought	Impact on the long term interests of customers through transmission service input costs
Page 7 1.2.2 Option 1	Cost estimate for services	CAPEX	Market sensitive cost inputs	Unit costs for LiDAR surveys could provide advantage to competitors for contestable activities	Could affect bidding process for this program of works when tenders are sought	Impact on the long term interests of customers through transmission service input costs

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Title, page and paragraph number of document containing the	Description of the confidential information.	Topic of the confidential information relates to (e.g.	Identify the recognised confidentiality category that the	Provide a brief explanation of why the confidential information falls into the	Specify reasons supporting how and why detriment would be caused from disclosing	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as

confidential information		capex, opex, the rate of return etc.)	confidential information falls within.	selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	the confidential information.	the effect on the long term interests of consumers).
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D12/34203 - Transmission line insulator assembly renewal program NPV

Sheet - Cost and benefit, columns H, R-AP	Information relating to market sensitive cost inputs	Units rates	Market sensitive cost inputs	Information relating to internal labour costs, external labour costs, supplier prices, which affect Transend's ability to obtain competitive prices in future.	Information relating to internal labour costs, external labour costs, supplier prices, which affect Transend's ability to obtain competitive prices in future.	Impact on long term commercial operations and transaction.
Sheet – Input by option, columns H-J						
Sheet – Maintenance Input, column G						
Sheet – Calculations, columns H-AV						

D12/9673 - Transmission line insulator assembly renewal program Project Definition Form

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D12/10508 - Transmission line insulator assembly renewal program Investment Evaluation Summary

	Information relating to specific communication sites may be used to affect the security of the transmission network.	Communication site locations	Information affecting security of network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
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D08/99660 - Transmission Line Insulator Assemblies Asset Management Plan

	Information relating to specific customers may provide an advantage to competitors for non-regulated or	Customer names	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
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	contestable activities.					
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<p>Title, page and paragraph number of document containing the confidential information –</p> <p>D12/10506</p> <p>Transmission line conductor assembly renewal program</p> <p>Investment evaluation summary</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Pages 5-6</p> <p>2 Problem Definition</p>	<p>Information affecting the security of the network</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>A description of the severe impacts of transmission line failure to customers</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network</p>	<p>Security of the network</p>
<p>Pages 5-6</p> <p>2 Problem Definition</p>	<p>Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities</p>	<p>Capex</p>	<p>Market intelligence</p>	<p>Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities</p>	<p>Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities</p>	<p>Impact on the long term interests of consumers and ability to plan and operate network</p>
<p>Page 13 1.3 Economic Analysis</p>	<p>Information affecting the security of the network</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific substation locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network</p>	<p>Security of the network</p>

Confidentiality template



TRANSEND

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/33459 – Telecommunications telephone system program			Choose an item.			
Investment Evaluation Summary Section 2.1 Condition and performance, pg 3	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 2.1 Control Room Phone System, pg 4	Information relating to specific sites may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.1 Mobile Radio Handsets, pg 4	Information relating to specific customers and suppliers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 1.3 Economic Analysis, pg 12	Information relating to specific sites may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 1.4 Preferred option, pg 13	Information relating to specific customers and suppliers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 5 Integrated Business considerations, pg 15	Information relating to specific customers and suppliers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

D13/14056 - Telecommunications Telephone System Asset Management Plan						
List of Figures, pg 6	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
List of Tables, pg 7						
Glossary, pg 9	Information relating to specific device types and manufacturer names may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types and manufacturer names may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1.3, Scope Pg 10-11	Information relating to specific device types and security devices may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types and security devices may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 2.1 General Information, Pg 14	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 1.7 References, Pg 13	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 1 Telephone system infrastructure type pg 15	Information relating to specific device types and locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types and locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Table 1 Telephone system infrastructure type pg 15	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Table 2 List of Key Telephone Systems, pg 16						
Section 2.1.1 ISDX Based Network, Pg 16	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.1.2 New IP Telephony Core, Pg 17	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 2.1.3 Operational alternate voice communications, Pg 17	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 2.1.8 Network operations room telephone console and voice recording system, Pg 18	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.2.1 Private Branch Exchange, pg 18-19	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

Section 2.2.2 Internet protocol based private branch exchange, pg 19	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.2.3 Key Telephone Systems, pg 19	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 3 Overview of the Telephone System Handsets utilised, pg 20	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.2.4.1 Analogue handsets, pg 20	Information relating to specific device types may be used to affect	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect	Information may be used to cause targeted damage to	Security of the network.

Section 2.2.4.2 TDM – Multiline handsets, pg 20	the security of the transmission network.			the security of the transmission network.	equipment that may result in reduced security to the transmission network.	
Section 2.2.4.3 TDM Digital handsets, pg 20						
Section 2.2.4.4 IP telephone handsets, pg 20-21						
Section 2.2.1 Private Branch Exchange, pg 18-19	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific customer sites may provide an advantage to competitors for non- regulated or	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non- regulated or	Information relating to specific customers may provide an advantage to competitors for non- regulated or	Impact on the long term interests of consumers and ability to plan and operate network.

	contestable activities.			contestable activities.	contestable activities.	
Figure 2 Telephony system quantities by age, pg 22	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 4 – Installation dates for telephony system assets, pg 22						
Table 5 Economic life of various telephone system assets, pg 23	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.6.1 TDM Based PBX (legacy equipment), pg 23-24	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.6.2 TDM based PBX (new operational units), pg 24						

Section 2.6.3 IP-PBX, pg 24-25	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

Section 2.6.4 IP telephone handsets, pg 25	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.6.5 Control room telephone system, pg 25						
Section 2.6.6 Satellite telephone systems, pg 25						
Section 3.1 Vendor support, pg 26-27	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Figure 3 – Number of faults per year for the main telephone system assets, pg 28	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 10 – Asset health by type, pg 28						
Section 3.4.1.1 Devonport ISDX-L, pg 29	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.4.1.2 ISDX- Micro Lockup, pg 29	Information relating to specific device types may be used to affect	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect	Information may be used to cause targeted damage to	Security of the network.
Section 3.4.1.3						

Keyphone system spares, pg 29	the security of the transmission network.			the security of the transmission network.	equipment that may result in reduced security to the transmission network.	
Section 3.4.2.1 Creek Rd ISDN Access from Openscape Voice, pg 29	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 3.4.3.1 Multi-Tenancy, pg 30	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.4.3.2 Unsupported Handsets, Pg 30	Information relating to specific device types and manufacturers may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.4.3.3 ISDX-Micro Chassis Constraints, Pg 30						
Section 4.2.1 Multi-Tenancy, pg 32	Information relating to specific customer	Capex, Opex	Market intelligence	Information relating to specific customers	Information relating to specific customers	Impact on the long term interests of

	sites may provide an advantage to competitors for non-regulated or contestable activities.			may provide an advantage to competitors for non-regulated or contestable activities.	may provide an advantage to competitors for non-regulated or contestable activities.	consumers and ability to plan and operate network.
Section 4.2.2.1 TDM Based PBX (Legacy Equipment), Pg 32	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 4.2.2.2 TDM Based PBX (new operational units) Pg 33						
Section 4.2.2.3 IP-PBX, pg 33	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 4.2.2.4 Keyphone systems, Pg 34	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 4.2.2.5 BT-ITS system, pg 34	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Figure 8 – Distribution of asset types by asset health, pg 38	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 7.2.1 Preventative Maintenance, Pg 40-41						
Section 7.3.3.1 ISDX pg 43-44	Information relating to specific customer sites may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.

	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 7.3.3.2 Openscape pg 44	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 7.3.3.3 Openscape pg 44-45	Information relating to specific customer sites may provide an	Capex, Opex	Market intelligence	Information relating to specific customers may provide an	Information relating to specific customers may provide an	Impact on the long term interests of consumers and ability

	advantage to competitors for non-regulated or contestable activities.			advantage to competitors for non-regulated or contestable activities.	advantage to competitors for non-regulated or contestable activities.	to plan and operate network.
	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 7.3.3.4 BT-ITS System pg 45	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the	Security of the network.

					transmission network.	
Section 7.3.3.6 trunked Mobile radio fixed terminals pg 45	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Table 14 – Telecommunications telephone systems investment program pg 46	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 15 – Telephone system upgrade – works in progress Openscape pg 44-45	Information relating to specific locations may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

	Information relating to specific device types may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network.
	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Appendix A – Existing PBX Network Diagram , Pg 48	Network topology drawings may be used to accept the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Network topology drawings may be used to accept the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network.
Appendix B – New Telephone Network Architecture, Pg 49						
Appendix C – Low condition telephone	Information relating to specific locations may	Capex, Opex	Information affecting the security of the network	Information relating to specific device types	Information may be used to cause	Security of the network.

<p>Title, page and paragraph number of document containing the confidential information – D12/27591 – Telecommunications site infrastructure program Investment Evaluation</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Table 1 Problem Definition, pg 3, Section 1.3 Economic Analysis, pg 11, Part 2. Section 1, Problem Definition, Pg 17</p>	<p>Information relating to specific communication sites may be used to affect the security of the transmission network.</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific communication sites may be used to affect the security of the transmission network.</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission</p>	<p>Security of the network.</p>
<p>Section 1.1, Chapel St Communications room upgrade, Pg 17</p>						
<p>Section 1.1.1, Condition, Pg 17-18</p>						
<p>Section 1.1.2, Condition, Pg 18</p>						
<p>Section 1.2, John butters repeater hut, Pg 18</p>	<p>Information relating to specific communication sites may be used to affect the security of</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific communication sites may be used to affect the</p>	<p>Information may be used to cause targeted damage to equipment that may result in</p>	<p>Security of the network.</p>

Section 1.2.1, Capacity/Capability, Pg 18	the transmission network.			security of the transmission network.	reduced security to the transmission network.	
Section 1.2, John butters repeater hut, Pg 18	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non- regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non- regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 1.2.1, Capacity/Capability, Pg 18						
Section 1.3, Albion Heights repeater Hut, Pg 18	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1.5 Telecommunications Towers, Pg 19						
Table 11 – Options Considered, Pg 24						
Section 1.3 Economic Analysis, Pg 27						
Section 1.4 Preferred option, Pg 27						

Part 3. Section 1, Problem Definition, Pg 32						
Section 1.3 Economic Analysis, Pg 38						
Part 4. Section 1, Problem Definition, Pg 43						
Section 1.3 Economic Analysis, Pg 52						
D13/48945 - Telecommunicatio ns Site Infrastructure Asset Management						
Plan						
Table of Contents, Pg 5	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
List of figures, Pg 6						

Section 1.3 Scope, Pg 10	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 2.1 Related documents and references, Pg 15	Information relating to specific software files may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific software files may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to systems that may result in reduced security to the transmission network.	Security of the network.
Section 2.2.3.3 Video Surveillance, pg 16	Information relating to specific	Capex, Opex	Information affecting the security of the network	Information relating to specific	Information may be used to cause	Security of the network.

Section 2.2.5.1 Steel Lattice Towers, pg17- 18	communication sites may be used to affect the security of the transmission network.			communication sites may be used to affect the security of the transmission network.	targeted damage to equipment that may result in reduced security to the transmission network.	
Section 2.2.5.2 Monopole, pg 19						
Section 2.2.5.3 Concrete Stobie Poles, pg 19						
Section 2.2.6 Buildings and equipment rooms, pg 20	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.2.6.1 Pre-	Information relating to	Capex, Opex	Information affecting the	Information relating to	Information may be	Security of the

fabricated concrete huts, pg 20	specific communication sites may be used to affect the security of the transmission network.		security of the network	specific communication sites may be used to affect the security of the transmission network.	used to cause targeted damage to equipment that may result in reduced security to the transmission network.	network.
Section 2.2.6.2 Transportable polystyrene sandwich huts, pg 21						
Section 2.2.6.3 Transportable Steel Clad Hut, pg 21						
Section 2.2.6.4 Brick Building, pg 22						
Section 2.2.8 DC Supply Systems, pg 22	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 2.2.8 DC Supply Systems, pg 22	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission	Information may be used to cause targeted damage to equipment that may result in reduced	Security of the network.

2.2.9 Waveguide Dehydrators, pg 23			network.		
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					security to the transmission network.	
2.3.1 Site Access Tracks, Pg 24	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.3.2.3 Video Surveillance, pg 25						
Section 2.3.5 Repeater Site Buildings, pg 25						
Section 2.3.7.2 48V DC Rectifiers, pg 27	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2.3.8 MDS Waveguide Dehydrators, pg 28						
Table 3 – Standard communications site infrastructure models, pg 30						
Figure 15 Antenna support structure locations by structure type, pg 31	Information relating to specific communication sites may be used to affect the security of the	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the	Information may be used to cause targeted damage to equipment that may result in reduced	Security of the network.
Figure 16 Repeater						

site building types by location, pg 32	transmission network.			transmission network.	security to the transmission network.	
Figure 17 DC Rectifier and converter systems by location, pg 33						
Figure 17 DC Rectifier and converter systems by location, pg 33	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
2.6.3.1 DC Rectifier systems, pg 33						
2.6.4 Waveguide Dehydrators, pg 33						
Figure 18 – Waveguide Dehydrator Types by location, Pg 34						
Figure 18 – Waveguide Dehydrator Types by location, Pg 34	Information relating to specific communication sites may be used to affect the security of the	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the	Information may be used to cause targeted damage to equipment that may result in reduced	Security of the network.
Table 5 – Battery						

Systems pending replacement, pg 36	transmission network.			transmission network.	security to the transmission network.	
Table 5 – Battery systems expected to require replacement within 5 years, pg 37						
Section 3.3.2 Tower Surface Rusting, pg 37						
Section 3.2.4 Chapel St Substation, pg 38						
Section 3.2.6 Waveguide Dehydrators, pg 38	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.3.1.3 Tower Corrosion, pg 39	Information relating to specific communication sites	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites	Information may be used to cause targeted damage to	Security of the network.

Section 3.3.1.5 Old Buildings – Timber Framed Construction,

may be used to affect the security of the

may be used to affect the security of the

equipment that may result in reduced security to the

pg 39	transmission network.			transmission network.	transmission network.	
Section 3.3.1.7 M&H Charger Systems, Pg 39	Information relating to specific products may be used to affect the security of the network.	Capex	Information affecting the security of the network	Information relating to specific products may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.3.2.1 Mt Claude Tower, pg 40	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3.3.2.2 Grey Mountain Tower, pg 40						
Section 7.3.1 Network Strategy, Pg 49						
Section 7.3.2 Asset Documentation, Pg 49	References to specific software packages	Capex	Information affecting the security of the network	References to specific software packages	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 7.3.3.5 Antenna Support Structures, Pg 50	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Table 14 – Asset category replacement and installation program, Pg 53						
Section 7.3.5 Works in Progress, Pg 53						
Appendix A – Asset Condition Summary, Pg 56-57						
Appendix B – Telecommunications Bearer Network, Pg 58	Information relating to specific communications sites and network topology may be used to affect the security of the transmission network.	Capex, Opex	Information affecting the security of the network	Information relating to specific communications sites and network topology may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

<p>Title, page and paragraph number of document containing the confidential information –</p> <p>D12/33380 –</p> <p>Telecommunications Multiplexer system program Investment Evaluation Summary</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Section 2.2.1</p> <p>Maintainability pg 4</p>	<p>Information relating to the vendor end of support date a computer operating system for the multiplexer management platform.</p>	<p>Capex, Opex</p>	<p>Market intelligence</p>	<p>This information is the when the vendor is no longer supporting the product and provides market intelligence to non-regulated competitors. The information details what an obsolete computer operating system and the statement alludes to that same operating system what an obsolete computer operating system and the statement alludes to that same operating system.</p>	<p>Suppliers could use the information to establish a competitive advantage and market services to current non-prescribed customers. External parties could utilise this information to exploit vulnerabilities and to initiate attacks on Transend.</p>	<p>Disadvantages Transend in negotiating for the continuation of telecommunications services. There is no public benefit for providing the information however could leave Transend vulnerable.</p>

	Information naming the equipment vendor indicates the specific device installed in the network.	Capex, Opex	Information affecting the security of the network	The information can be utilised for a targeted cyber attack on the telecommunications network.	The information can be utilised for a targeted cyber attack on the telecommunication s network.	There is no public benefit for providing the information however could leave Transend vulnerable.
Section 5 Project Objectives Pg 6	Information naming the specific device being utilised in the network.	Capex, Opex	Information affecting the security of the network	The information can be utilised for a targeted cyber attack on the telecommunications network.	The information can be utilised for a targeted cyber attack on the telecommunication s network.	There is no public benefit for providing the information however could leave Transend vulnerable.

<p>Section 1.3 Economic Analysis Pg 12</p>	<p>Information regarding the specific sites utilised.</p>	<p>Capex, Opex</p>	<p>Information affecting the security of the network</p>	<p>The information can be utilised for a targeted attack on the transmission network.</p>	<p>The information can be utilised for a targeted attack on the transmission network.</p>	<p>There is no public benefit for providing the information however could leave Transend vulnerable.</p>
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Confidentiality template



Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/35004 – Telecommunications bearer system program Investment Evaluation Summary			Choose an item.			
2.2 Condition and Performance, pg 5-6	Information relating to specific device types may be used to affect the security of the transmission network	Capex	Information affecting the security of the network	Information relating to specific device types may be used to affect the security of the transmission network	Information may be used to cause targeted damage to specific products and management systems that will result in reduced security to the transmission system.	Security of the network.
Section 2 Options Considered, pg 12						
Section 2 Investment Timing, Pg 16						
2.2 Condition and Performance, pg 20-21						
Options considered pg 26-27						
Section 2 Investment Timing,						

pg 31						
Section 2 Economic Analysis, P 14	Information relating to specific communication sites may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific communication sites may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 Investment Timing, pg 16						
1.3 Economic analysis, pg 29						
Section 2 Investment Timing, pg 31						
D12/53567 - Telecommunications Bearer Network Asset Management Plan						
Table 2 Telecommunication Bearer Network equipment classification, Pg 16	Information relating to specific equipment types may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment types may be used to affect the security of the transmission	Information may be used to cause targeted damage to specific products and management systems that will result in reduced security to the transmission system.	Security of the network.
Section 2.2.2 Optical Fibre Terminals Pg 19						
Section 2.2.2.1 Core Components, Pg 19						
Section 2.2.2.2 Access Components, Pg 19						
Section 2.2.3.1 Long-haul radio systems, pg 22						
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Section 2.2.3.3 Low capacity radio systems, pg 22						

Section 2.2.5 Multiplexing equipment, pg 24						
Section 2.2.6.1 Cisco 2600 router, pg 24						
Section 2.2.6.2 Cisco 2811 Router, Pg 25						
Section 2.2.6.3 Siemens SISA GK/E, pg 25						
Section 2.2.6.4 Siemens OSUR, pg 25						
Section 2.2.6.5 Siemens S7-300 PLC, pg 25						
Section 2.2.6.6 Siemens S7-200 PLC, pg 25						
Section 2.2.7 Network synchronisation equipment, pg 25-26						
Section 2.2.7.1 Symmetricom OT- 21e, Pg 26						
Section 2.2.7.2 Timesource 3600, Pg 26						
Section 2.2.7.3 Timeprovider 100, Pg 26						
Section 2.3.2 Optical terminal equipment, pg 29						
Section 2.3.3.1						

MITEC Minaman, pg 31						
Section 2.3.3.2 NEC 970D and NEC 2500, pg 31						
Section 2.3.3.3 CODAN 7700 Radios, pg 31						
Section 2.3.3.4 CODAN 8800 radios, Pg 32						
Section 2.3.3.5 MDS LEDR 1400F, Pg 32						
2.3.3.6 NEC Pasolink, Pg 32						
Section 2.3.3.7 Siemens SRA4 Radio, pg 32						
Section 2.3.3.8 Siemens SRT1C Radio, pg 32						
Section 2.3.3.9 APRISA XE Radio, pg 32						
Section 2.3.4 Power Line Carrier equipment, pg 32						
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Figure 10 Comparative ages of the installed multiplexer asset base by product, pg 33						
Figure 11 Age profile						

for the network synchronisation equipment, Pg 34						
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Section 2.6.6 Network Synchronisation Equipment, Pg 39						
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Section 3.3.2.1 SRT1c Radio Tributary Cards, pg 43						
Section 3.3.2.2 CMXC Errors at Mt Read, pg 43						
Section 3.3.2.5 Non- integrated hot standby switching, pg 44						
Section 3.3.3.1 No						

direct teleprotection interfacing, pg 44						
Section 3.3.3.3 70xx equipment channel capacity constraints, Pg 44						
Section 3.3.3.4 70xx Reboot time, pg 44						
Section 4.3.2.2 Radio link equipment, Pg 46						
Section 4.3.2.4 Synchronisation equipment, pg 46						
Section 7.3.4 Standard system development, pg 58						
Page 61 of 62 Appendix B – Low Condition Bearer Network Assets (Column “Asset Model), pg 61-62						
Section 2 Telecommunications Bearer Network Description, pg 15	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex, Opex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Figure 6 – Optical fibre cable ages by cable system owner, pg 28						
Section 2.2.1 Optical fibre cables, pg17						
Section 2.2.1 Optical	Information relating	Capex, Opex	Information affecting the	Information relating	Information may be	Security of the

<p>fibre cables, pg17</p> <p>Section 2.2.1 Optical fibre cables, pg18</p> <p>Section 2.2.1.1 Optical Ground Wire (OPGW), pg 18</p> <p>Section 2.2.1.3 Optical Underground Cables (OPUC), pg 18</p> <p>Section 2.2.1.4 Building/Riser Cable, pg 19</p> <p>Section 2.2.2.1 Core Components, pg 19</p> <p>Section 2.2.2.2 Access Components, pg 20</p> <p>Section 2.2.3 Digital Radio Systems, pg 21</p> <p>Section 2.2.3.2 Short-Haul Radio Systems, pg 22</p> <p>Section 2.2.4 Power Line Carrier, pg 24</p> <p>Section 2.2.6.2 Cisco 2811 Router, pg25</p> <p>2.2.7.3 Timeprovider 100, pg 25</p> <p>Section 2.3.1 Optical Fibre Cables, pg 27</p> <p>Section 2.3.3.3 Codan 7700 Radios, pg 31</p> <p>Section 2.3.3.4</p>	<p>to specific communication sites may be used to affect the security of the transmission network.</p>		<p>security of the network</p>	<p>to specific communication sites may be used to affect the security of the transmission network.</p>	<p>used to cause targeted damage to equipment that may result in reduced security to the transmission network.</p>	<p>network.</p>
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Codan 8800 Radios, pg 32						
Section 2.3.3.5 MDS LEDR 1400F, pg 32						
Section 2.3.3.6 NEC Pasolink, pg 32						
Section 2.3.3.7 Siemens SRA4 Radio, pg32						
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Section 2.6.1 Optical Fibre Terminals, pg 37						
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Section 3.3.1.1 Mt Kershaw Passive Reflector, pg 41						
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Appendix A – Bearer Network Route Diagram, pg 60						
Page 61 of 62 Appendix B – Low Condition Bearer Network Assets (Column “Asset Label – location (s)), pg 61-62						

<p>Title, page and paragraph number of document containing the confidential information</p> <p>D12/10502</p> <p>Substation Power transformer refurbishment program</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Section 1 point 2.1, page 3. 2nd paragraph</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.</p>	<p>Security of the network.</p>
<p>Section 1 point 2.2, page 3. title</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>
<p>Section 1 point 2.2, page 3. 1st paragraph</p>	<p>Identified referenced documents of sensitive nature.</p>	<p>Identification of need.</p>	<p>Strategic information</p>	<p>Specific information pertaining to analysis tool.</p>	<p>Confusion could result from un-informed people understanding document contents.</p>	<p>Not in the long term interest of consumers.</p>
<p>Section 1 point 2.2, page 3. 1st paragraph, dot point</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.</p>	<p>Security of the network.</p>
<p>Section 1 point 2.3, page 4. title</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>	<p>“</p>
<p>Section 1 point 2.3, page 4. 1st paragraph</p>	<p>Identified referenced documents of sensitive nature.</p>	<p>Identification of need.</p>	<p>Strategic information</p>	<p>Specific information pertaining to analysis tool.</p>	<p>Confusion could result from un-informed people understanding document contents.</p>	<p>Not in the long term interest of consumers.</p>
<p>Section 1 point 5, page 5. 1st paragraph, dot points x3</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations may be used to affect the security of the transmission network.</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.</p>	<p>Security of the network.</p>

Section 1 point 8, page 6. 1 st paragraph dot points x3	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 2 point 1.1.2.1, pages 7&8. 1 st paragraph, dot points x3	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 1, page 3. dot points x3.		Section 1 point 1, page 3. dot points x3.		Section 1 point 1, page 3. dot points x3.		Section 1 point 1, page 3. dot points x3.
Section 2 point 1.1.3.1, page 8. 1 st paragraph, dot points x3point	“	“	“	“	“	“
Section 2 point 6, page 11. 1 st paragraph	“	“	“	“	“	“

<p>Title, page and paragraph number of document containing the confidential information</p> <p>D12/32916</p> <p>Substation Lightning Protection Enhancement Program</p> <p>Investment Evaluation Summary</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 3</p> <p>2. Problem definition</p> <p>Information relating to specific sites</p>	<p>Information relating to specific sites</p>	<p>capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission</p>	<p>Security of the network</p>
<p>Page 4</p> <p>2.1 Catenary earth wires</p>	<p>Information relating to specific sites</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the</p>	<p>Security of the network</p>
<p>Page 4</p>	<p>Third party information</p>	<p>Capex</p>	<p>Personal information</p>	<p>Information</p>	<p>Information may be used to cause targeted damage to equipment that may</p>	<p>Information may be used to cause targeted damage to equipment that may</p>
<p>2.1 Catenary earth wires</p>				<p>against similar installations</p>	<p>result in reduced security to the transmission network</p>	
<p>Page 4</p> <p>2.1 Catenary earth wires, Figure 1</p>	<p>Information relating to specific sites</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission</p>	<p>Security of the network</p>
<p>Page 4 & 5</p> <p>2.2 Earth wire conductor</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission</p>	<p>Security of the network</p>

Page 7 5 Project objectives	Information relating to specific sites	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network
Page 10 1.1.2 Option1	Information relating to specific sites	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network
Page 10 1.1.3 Option 2	Information relating to specific sites	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network
Page 14 1.4 Preferred option	Information relating to specific sites	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network

Title, page and paragraph number of document containing the confidential information D13/51016– Substation HV switchgear replacement program	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
1.2 Option estimates Information relating to cost	Information relating to estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Sensitive cost information which may affect Transend competitive ability to obtain equipment during procurement process	Market sensitive cost inputs

Confidentiality template



TRANSEND

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/12499– High voltage switchgear component replacement program			Choose an item.			
2 Problem definition– Tables for high partial discharge levels on HV switchgears, pg3–4	Information relating to condition of asset that may potentially risk security of the network and ability to effectively plan and operate network	Capex	Information affecting the security of the network	Information relating to specific equipment locations and condition that may be used to affect the security of network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Network security
1.2 Option estimates, pg11–12	Information relating to cost of equipment which could affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive inputs
D12/10513– Strategic Spare dual secondary winding supply transformer						

1.2 Option estimates, pg11	Information relating to unit price of equipment which could affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive inputs
D13/50680– Strategic Spare Type 1 supply transformer						
1.2 Option estimates, pg9	Information relating to unit price of equipment which could affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive cost inputs
D13/19161– Strategic Spare Type 4 supply transformer						
1.2 Option 1 and 2 estimates, pg9	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive cost inputs
D12/7816– Substation AC distribution system renewal program						
2.1 AC supply reliability, pg5	Information relating to specific equipment locations that may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations that may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission	Security of the network.

					network.	
1.2 Option estimates, pg12-13	Information relating to cost estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Sensitive cost information which may affect Transend competitive ability to obtain equipment during procurement process	Market sensitive cost inputs
D12/7828- Substation DC distribution system renewal program						
1.2 Option estimates, pg10	Information relating to cost estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to cost estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Sensitive cost information which may affect Transend competitive ability to obtain equipment during procurement process	Market sensitive cost inputs
D13/51016- Substation HV switchgear replacement program						
1.2 Option estimates	Information relating to cost estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Sensitive cost information which may affect Transend competitive ability to obtain equipment during procurement process	Market sensitive cost inputs
D13/22365- Substation strategic high voltage metal-clad indoor switchgear spare						
1.3 Option estimates, pg12	Information relating to cost estimate of equipment which may affect the Transend ability to obtain competitive price in future procurement	Capex	Market sensitive cost inputs	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future	Sensitive cost information which may affect Transend competitive ability to obtain equipment during procurement	Market sensitive cost inputs

	processes			procurement processes	process	
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Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D13/19161– Strategic Spare Type 4 supply transformer			Choose an item.			
1.2 Option 1 and 2 estimates, pg9	Information relating to unit price of equipment which may affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive cost inputs

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/10513– Strategic Spare dual secondary winding			Choose an item.			

supply transformer						
1.2 Option estimates, pg11	Information relating to unit price of equipment which could affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive inputs

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D12/28874 Reyrolle Type LMT Switchgear renewal program			Choose an item.			
Section 1 point 1, page 5. 11 th paragraph + 3 dot points	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 1, page 5. 13 th paragraph	“	“	“	“	“	“
Section 1 point 2, page 5. 1 st paragraph	“	“	“	“	“	“

Section 1 point 2, page 6. 6 th paragraph x3	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2, page 6. 6 th paragraph x2	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 1 point 2, pages 6&7. 7 th paragraph x3	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2, page 7. 8 th paragraph x2	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2, page 7. 8 th paragraph	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 1 point 2, page 7. 10 th paragraph 3 dot points	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 7, page 11. 5 th paragraph	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 7, page 11. 6 th paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.

Section 1 point 7, page 11. 6 th paragraph	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 8, page 11. x2 points	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 2 point 1, page 12. 1 st paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 point 2, page 23. 1 st paragraph	“	“	“	“	“	“
Section 2 point 2, page 23. 2 nd paragraph	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 2 point 2, page 23. 2 nd paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 3 point 3, page 27. 4 th risk row.	Consultant / company name	Identification of need.	Personal information	Consultant / company name	Consultant / company could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/10574 Railton Substation 110 kV post insulator and busbar renewal			Choose an item.			
Section 1 point 1, page 3. 3 rd paragraph	Customer's name	Identification of need.	Personal information	Customer's name	Customer details enable location to be identified. Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 2.1, page 4. 1 st paragraph	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 1 point 2.1, page 4. 3 rd paragraph.	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 2.2. page 5. 1 st paragraph	“	“	“	“	“	“
Section 1 point 2.2. page 5. 2 nd paragraph	“	“	“	“	“	“

Section 1 point 2.2. page 5. 2 nd paragraph	Consultants name - Incospec	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2.2. page 5. 2 nd paragraph	Consultants name - SICC	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2.2. page 5. 3 rd paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 8, page 8. Dot points x 6	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.

Section 2 point 1.1, page 9. 1 st paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 point 1.3, page 14. dot point	“	“	“	“	“	“
Section 2 point 2, page 14. 1 st paragraph	“	“	“	“	“	“
Section 2 point 6, page 15. 1 st paragraph	“	“	“	“	“	“

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/10572 Port Latta Substation structure renewal			Choose an item.			
Section 1 point 2, page 3. 1 st paragraph.	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 2. page 3. 2 nd paragraph x2	“	“	“	“	“	“
Section 1 point 2.1, page 3. 1 st paragraph x2	Consultants name	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers.
Section 1 point 2.1, page 3. 1 st paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 2.1, page 3. 1 st paragraph	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 1 point 2.1, page 4. 6 th paragraph	“	“	“	“	“	“

Section 1 point 2.2, page 4. 1 st paragraph	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 1 point 2.2, page 4. 1 st paragraph 3 rd dot point	“	“	“	“	“	“
Section 1 point 2.2, page 5. 3 rd paragraph	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 1 point 8, page 7 x4 dot points	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents.	Not in the long term interest of consumers.
Section 2 point 1.3, page 11. 2 nd paragraph 5 th dot point	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 point 5, page 12. 1 st paragraph	“	“	“	“	“	“
Section 2 point 6, page 12. 1 st paragraph	“	“	“	“	“	“

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D12/9635 - Operations Building air conditioning renewal Investment Evaluation Summary			Choose an item.			
Section 1.3 Economic analysis, pg 9	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Capex	Market intelligence	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Information relating to specific customers may provide an advantage to competitors for non-regulated or contestable activities.	Impact on the long term interests of consumers and ability to plan and operate network.
Section 1.4 Preferred option, pg 10						

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/48622- Network Modelling Enhancement Investment Evaluation			Choose an item.			

Summary						
<p>Section 1 Background, page 3.</p> <p>Section 2.1 Network Applications, page 4.</p> <p>Section 1.5 Preferred option, page10.</p> <p>Section 4 Expected outcomes and benefits, Page 11.</p>	Name of software applications utilised within critical infrastructure.	CAPEX	Information affecting the security of the network	Contains information that enables the identification of vendors and software that is utilised within the NOCS.	Increases cyber security risks. Publicly available information has the potential to assist in planning an attack. Please see the Attorney-General's department's documentation – Infrastructure information in the public domain. http://www.tisn.gov.au/Documents/Infrastructure_information+in+the+public+domain.pdf	The utility of the software is described within the documents. No additional public benefit can be foreseen from knowing specific software vendors or versions.
D12/46609 - Network Operation and control system (NOCS) enhancement						
<p>Section 6 Risk evaluation, page 8</p> <p>Section 8 Reference documents, Page 9.</p>	<p>Key risks to Transend's operation mentioned.</p> <p>Documents names and procedures of software applications utilised within critical infrastructure</p>	CAPEX	Information affecting the security of the network	Links to documents that contain information that enables the identification of vendors, software and configurations within the NOCS.	Increases cyber security risks. Publicly available information has the potential to assist in planning an attack. Please see the Attorney-General's department's documentation – Infrastructure information in the public domain. http://www.tisn.gov.au/Documents/Infrastructure_information+in+the+public+domain.pdf	The utility of the software is described within the documents. No additional public benefit can be foreseen from knowing specific software vendors or versions.
D12/37709 - Operational Systems Asset Management Plan						
<p>Section 2.1 History, Pages 11 and 12, para 1, ,5, 6 & 7</p> <p>Section 2.2 Related documents, Page 12, para 1, 2, 5</p> <p>Section 2.2 Related documents, Page 13,</p>	<p>Name of software applications utilised within critical infrastructure.</p> <p>Key risks to Transend's operation mentioned.</p> <p>Documents names and procedures of software applications utilised within</p>	CAPEX / OPEX	Information affecting the security of the network	Contains information that enables the identification of vendors, software and design.	Increases cyber security risks. Publicly available information has the potential to assist in planning an attack. Please see the Attorney-General's department's documentation – Infrastructure information	The utility of the software is described within the documents. No additional public benefit can be foreseen from knowing specific software vendors, versions and topology.

<p>para 3.</p> <p>Section 2.3.1 NOCS, Page 14, para 1, 2, 3, 4 & 5.</p> <p>Section 2.3.1 NOCS, Page 15</p> <p>Section 2.3.2 T NOCS, Page 15, 16</p> <p>Section 2.3.3 EMS, Page 16, 17.</p> <p>Section 2.3.3 EMS, Page 18 & 19, table 1.</p> <p>Section 2.3.3 EMS, Page 20, table 2</p> <p>Section 2.3.4 System topology, page 20, 21, 22</p> <p>Section 3.1.2 Reactive monitoring, Page 23.</p> <p>Section 3.2 Defect management, Page 24.</p> <p>Section 3.4.1 NER and AEMO compliance, Page 25.</p> <p>Section 4 Asset Performance, Page 26.</p> <p>Section 4.1. Asset condition summary, Page 26 and 27.</p> <p>Section 5 Risk, Page 29</p> <p>Section 5.1 Business Risk, Page 29</p> <p>Section 6.2 Current system utilisation , Page 30 and 31</p> <p>Section 7.2 Management philosophy, Page 30, para 3.</p>	critical infrastructure				<p>in the public domain.</p> <p>http://www.tisn.gov.au/Documents/Infrastructure_information+in+the+public+domain.pdf</p>	
<p>Section 2.3.1 NOCS, Page 14, para 1.</p> <p>Section 4.3.1 Telecommunication</p>	Commercial in confidence customer information on service levels	CAPEX	Other	Transend is contractually obliged not to disclose this information.	Transend is contractually obliged not to disclose this information.	The essence of the response times is still captured without disclosing customer

customers, Page 28, Table 3 Section 4.3.2. SPS and GCS, Page 29						information.
D12/39693 - Telecommunications Network Operation and Control System (TNOCS) enhancement program						
Section 1 Background, Page 2, 3 Section 1 Background, Page 4, figure 1. Section 2.2 Applications residing on supported operating systems, Page 5, 6, figure 3. Section 5 Project objectives, Page 9, figure 4. Section 6 Risk Evaluation, Page 10.	Name of software applications utilised within critical infrastructure. Key risks to Transend's operation mentioned.	CAPEX	Information affecting the security of the network	Contains information that enables the identification of vendors, software and design.	Increases cyber security risks. Publicly available information has the potential to assist in planning an attack. Please see the Attorney-General's departments documentation – Infrastructure information in the public domain. http://www.tisn.gov.au/Documents/Infrastructure_information+in+the+public+domain.pdf	The utility of the software is described within the documents. No additional public benefit can be foreseen from knowing specific software vendors, versions and topology.

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D12/10501 Lindisfarne Substation transformers T2 and T3 replacement						
Section 1 point 2.1.1, page 3. 1st paragraph	“	“	“	“	“	“
Section 1 point 2.1.2, page 4. 2 nd paragraph	“	“	“	“	“	“

Section 1 point 2.2, page 4. 1 st paragraph	“	“	“	“	“	“
Section 1 point 2.2, page 4. 3 rd paragraph x 3	“	“	“	“	“	“
Section 1 point 5, page 6. 2 nd paragraph x 2	“	“	“	“	“	“
Section 1 point 8, page 7. Dot points x 4	“	“	“	“	“	“
Section 2 point 1.1.2, page 9. 1 st paragraph	“	“	“	“	“	“
Section 2 point 5, page 12. 1 st paragraph dot point	“	“	“	“	“	“
Section 2 point 6, page 12. 1 st paragraph	“	“	“	“	“	“

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Information Technology security system program – D12/10602			Choose an item.			
Information Technology Security IES	Names of IT Staff	Staff Names	Personal information	Names of staff	Attacker will be able to target Transend with this knowledge of key staff. This has been flagged by the Audit and	No public benefit of having this information

Page 1 Table 2					risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	publicised vs exposing information to Cyber terrorists.
Information Technology Security IES Page 4 Section 1-1 Paragraphs 1,2,3	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
Information Technology Security IES Page 9 Section 5, paragraph 2	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
Information Technology Security IES Page 11 Section 8 Lines 1, 9-16, 18-25	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.

Technology Security IES Page 12 Paragraph 1, Lines 29-34	Information about software products and used.	Disclosure of information about software and systems that are used.	Information affecting the security of the network	Provides information about the software and systems used that would not normally be released.	Attacker will be able to target Transend with this knowledge of software and systems that are used. This has been flagged by the Audit and risk committee as a risk to the company. Making sensitive information available on the public domain presents the opportunity for hackers to uncover information which, when combined together, may result in an increased likelihood of compromise of ICT security.	No public benefit of having this information publicised vs exposing information to Cyber terrorists.
Technology Security IES Page 16 Section 1.3 (table)	Information about program of works financial expenditure profile	Capex	Market sensitive cost inputs	Future infrastructure cost inputs that may be used to disadvantage Transend's ability to obtain competitive prices.	Making information available may jeopardise Transend's ability to obtain competitive pricing.	Public may be impacted by the ability of Transend to obtain competitive pricing

Title, page and paragraph number of document containing the confidential information HV substation protection renewal program – D12/10500	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Page 1, second table	Project initiator and project owners names	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback
Page 5, section 2.1,	Cost of preventive maintenance test	Capex	Market sensitive cost inputs	Capex	Market sensitive cost inputs	Capex

paragraph 3						
Page 6, section 2.6, paragraph 2	Future strategy to in-source protection relay replacements	Capex	Strategic information	Strategy involving existing contractor workloads	Capex	Strategic information
Page 10, section 7, paragraph 2 dot points (4 off)	Customers affected by underperforming assets	Capex	Personal information	Customer information	Customer may not want to have potential impacts to their operations published	Customer may not want to have potential impacts to their operations published
Page 15, section 1.4, paragraph 1	Customers affected by underperforming assets	Capex	Personal information	Customer information	Customer may not want to have potential impacts to their operations published	Customer is listed on the stock exchange and any potential risk to customer could affect share prices
Page 16, section 4, section 1 and 2 sign-offs table	Project initiator, line manager and manager names	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback

Title, page and paragraph number of document containing the confidential information D12/10499– High voltage switchgear component replacement program	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
2 Problem definition–	Information relating to	Capex	Information affecting the security of the	Information relating to specific equipment	Information may be used to cause targeted damage to equipment that may	Network security

Tables for high partial discharge levels on HV switchgears, pg3-4	condition of asset that may potentially risk security of the network and ability to effectively plan and operate network		network	locations and condition that may be used to affect the security of network	result in reduced security to the transmission network	
1.2 Option estimates, pg11-12	Information relating to cost of equipment which affect the Transend ability to obtain competitive price in future procurement processes	Capex	Market sensitive cost inputs	Information relating to unit price of the equipment that may affect Transend's competitive ability to procure plant or equipment in future	Disclosing this Information could affect the Transend ability to obtain competitive price in procurement of plant or equipment in future.	Market sensitive inputs

Confidentiality template –For D12/10444 Fault Level Mitigation at Supply Point Buses IES



TRANSEND

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
1.2.2 Creek Road Substation Page 4 paragraph 6	- Creek Road Substation provides 33 kV connections to three Aurora zone substations	capex	Information affecting the security of the network	Statement identifies critical substation in Hobart		

	at Claremont, West Hobart, and Sandy Bay. These zone substations in turn supply important loads in the greater Hobart area.					
Page 5 paragraph 4	- Maximum demand in 2012 at the Creek Road 33 kV bus was 91.4 MW and this is forecast to increase steadily to approximately 121 MW by winter 2018.	capex	Information affecting the security of the network	Statement identifies critical substation in Hobart		

Confidentiality template

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/10514 - Substation Disconnecter and Earth Switch renewal program			Choose an item.			
Section 1 Background, pg 3	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 Problem Definition, pg 4						
Section 5 Project objectives, pg 5						
Section 1.1 Options considered, pg 7						

Section 1.1.2, pg 8						
Section 1.1.3, pg 8						
Section 1.1.4, pg 9						
Section 1.3 Economic analysis, pg 11						
Section 1.4 Preferred option, pg 11						
Section 2 Investment Timing, pg 12						
Section 5 Expected outcomes and benefits, pg 12						
Section 6 Integrated business consideration, pg 12						

Confidentiality template

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
St Marys supply transformers augmentation			Choose an item.			
Page 3, para 5; Page 5, para 2	Details (load size and timing) of customer	Capex	Personal information	Contains customer information or	Information contained within	Information contained within

Page 6, para 3 Page 7, para 3 Page 8, para 3 Page 9, para 2 Page 10, para 3	connection enquiry			information from which customer information could reasonable be ascertained	connection enquiry is confidential	connection enquiry is confidential
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Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/20524 - Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation			Choose an item.			
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 4, Paragraph 1	Information about a connection enquiry of a directly connected customer	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Legal obligation and this may impact their commercial activities and privacy.
Investment Evaluation Summary: Rosebery Substation transformer	Load forecast of a directly connected customer, and providing the total and	CAPEX	Personal	Identified customer personal information	Legal obligation and may impact their commercial activities	Since the issues are total load of the individual load details in

capacity augmentation, Page 4, Table 1	customer connection point information helps to back calculate the load of connected customer				privacy.	domain would not add
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 7, Paragraph 6	Information about a enquiry and expected life of a directly connected customer	CAPEX	Personal	Identified customer personal information	Legal obligation and may impact their commercial activities privacy.	Since the issues are total load of the individual load details in domain would not add (The information about operation life is not confirmed)
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation Page	Information about expected operation life of a directly connected customer	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Since the issues are related to the total load of the substation, individual load details in public domain would not add any value (The information about
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 17, Paragraph 11	Information about expected operation life of a directly connected customer	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	At this stage, this information is not confirmed. The issues are related to the total load of the substation rather
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 18, Paragraph 3	Information about a customer connection enquiry	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Since the issues are related to the total load of the substation, individual load details in public domain would not add any value
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 18, Paragraph 8	Information about maximum demand and contract demand of individual customers	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Since the issues are related to the total load of the substation, individual load details in public domain would not add any value
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 18, Paragraph 9	Information about a customer connection enquiry	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Since the issues are related to the total load of the substation, individual load details in public domain would not add any value
Investment Evaluation Summary: Rosebery Substation transformer capacity augmentation, Page 18, Paragraph 10 and 11, and Page 19, Paragraph 1.	Information about a customer price impact	CAPEX	Personal information	Identified customer personal information	Legal obligation and this may impact their commercial activities and privacy.	Since the issues are related to the total load of the substation, information of price impact to an individual customer in public domain would not add any value

Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D13/59347 - Strategic spare mobile 110/33_22_11 kV modular substation			Choose an item.			
Section 2 point 1.2.2.1, page 11. 4 th dot points.	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Capex	Information affecting the security of the network	Information relating to specific equipment locations may be used to affect the security of the transmission network.	Information may be used to cause targeted damage to strategic spare equipment that may result in reduced security to the transmission network.	Security of the network.
Section 2 point 1.2.3.1, page 12. 3 th dot points.	“	“	“	“	“	“

Title, page and paragraph number of document containing the confidential information D12/32372 Condition Based Risk Management System (Stage 2)	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Section 1 point 3.1, page 5. 1 st paragraph.	Consultants name	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers

Section 1 point 3.1, page 6. 4st paragraph.	Consultants name	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend.	Not in the long term interest of consumers
Section 1 point 3.2, page 7. 3rd paragraph dot points.	Identified assets deemed to be at higher risk of degrading asset condition	capex	Information affecting the security of the network	Major assets which could impact security of supply.	Confusion could result from un-informed people judging un-safe assets condition.	Not in the long term interest of consumers
Section 1 point 9. pages 14 and 15. 6 references.	Identified referenced documents of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to analysis tool.	Confusion could result from un-informed people understanding document contents	Not in the long term interest of consumers.
Section 1 point 9. page 15. Last paragraph.	Identified referenced document of sensitive nature.	Identification of need.	Strategic information	Specific information pertaining to identification of assets.	Confusion could result from un-informed people understanding document contents	Not in the long term interest of consumers.
Section 2, point 1.2.1, page 16. 2 nd paragraph.	Consultants name	Identification of need.	Personal information	Consultants name	Consultant could be targeted for explanation as to identified need for Transend	Not in the long term interest of consumers.
Section 2 point 1.2.2, page 16. 1 st paragraph dot point.	Identified assets deemed to be at higher risk of degrading asset condition	Capex	Information affecting the security of the network	Major assets which could impact security of supply.	Confusion could result from un-informed people judging un-safe assets condition.	Not in the long term interest of consumers.
Section 2 point 1.2.3, page 17. 1 st paragraph dot point.	Identified assets deemed to be at higher risk of degrading asset condition	Capex	Information affecting the security of the network	Major assets which could impact security of supply.	Confusion could result from un-informed people judging un-safe assets condition.	Not in the long term interest of consumers.

Title, page and paragraph number of document containing the confidential information EHV busbar protection renewal program - D12/10505	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Page 1, second table	Project initiator and	capex	Personal information	Names of employees who prepared and	Names are easily traced for the public to seek	The public should not be able to contact individuals

	project owners names			proposed investment projects	further information about the proposed project	directly to seek further information or provide feedback
Page 5, section 2.1, paragraph 5	Cost of preventive maintenance test	Capex	Market sensitive cost inputs	Unit rate from a specific maintenance contractor	Could introduce price cuts from market competitors	Public does not need to know the unit rate of maintenance
Page 6, section 2.3, paragraph 2	Sites identified with system stability issues	Capex	Information affecting the security of the network	Strategic sites with high risk impacts	If known to the public, these sites may be attractive for a potential terrorist attack	The public does not need to know the specific sites of identified system risk
Page 7, section 2.6, paragraph 1	Sites identified with system stability issues	Capex	Information affecting the security of the network	Strategic sites with high risk impacts	If known to the public, these sites may be attractive for a potential terrorist attack	The public does not need to know the specific sites of identified system risk
Page 9, section 5, table 1, locations	Sites proposed for EHV busbar protection renewal	capex	Information affecting the security of the network	terrorist attacks	issues, redaction of all sites should also occur	of identified asset renewal
Page 10, section 7, paragraph 2	Site identified with system stability issues	Capex	Information affecting the security of the network	Strategic sites with high risk impacts	If known to the public, these sites may be attractive for a potential terrorist attack	The public does not need to know the specific sites of identified system risk
Page 10, section 7, paragraph 2	Customer potentially constrained by equipment failure	Capex	Personal information	Customer information	Customer may not want to have potential impacts to their operations published	Customer is listed on the stock exchange and any potential risk to customer could affect share prices
Page 10, section 7, dot points (7 off)	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 10, section 7, dot points (7 off)	Customers affected by underperforming assets	Capex	Personal information	Customer information	Customer may not want to have potential impacts to their operations published	Customer is listed on the stock exchange and any potential risk to customer could affect share prices
Page 13, section 1.2.3, paragraph 1	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal

Page 13, section 1.2.4, paragraph 1	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 13, section 1.2.4, paragraph 2	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 14, section 1.2.4, paragraph 1	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Pages 15 and 16, section 1.3, NPV Net Benefit table	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 16, section 1.4, paragraphs 2, 3, 4 and 5	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 16 and 17, section 1.4, table 2, locations	Sites proposed for EHV busbar protection renewal	Capex	Information affecting the security of the network	The site listing provides options for potential terrorist attacks	Due to the redaction of the strategic sites that have system stability issues, redaction of all sites should also occur	The public does not need to know the specific sites of identified asset renewal
Page 18 Section 1 and 2 sign-offs table	Project initiator line manager and manager names	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback

<p>Title, page and paragraph number of document containing the confidential information</p> <p>D12/7971</p> <p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within ‘other’ please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 4, Paragraph 2</p>	<p>Maximum demand of directly connected customers</p>	<p>CAPEX</p>	<p>Personal information</p>	<p>Identified customer personal information</p>	<p>Legal obligation and this may impact their commercial activities and privacy.</p>	<p>Since the issues are related to the total load of these substations, individual load details in public domain would not add any value.</p>
<p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 6, Paragraph 10 (Section 2.4.1, Paragraph 2)</p>	<p>Maximum demand of directly connected customer</p>	<p>CAPEX</p>	<p>Personal</p>	<p>Identified customer personal</p>	<p>Legal obligation and may impact their commercial activities privacy.</p>	<p>Since the issues are related to the total load of these substations, individual load details in public domain would not add any value.</p>
<p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 8, Figure 3</p>	<p>Maximum demand forecast of directly connected customers</p>	<p>CAPEX</p>	<p>Personal</p>	<p>Identified customer personal</p>	<p>Legal obligation and may impact their commercial activities privacy.</p>	<p>Since the issues are related to the total load of these substations, individual load details in public domain would not add any value.</p>
<p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 11, Paragraph 3</p>	<p>Operation arrangements of a customer.</p>	<p>CAPEX</p>	<p>Personal information</p>	<p>Identified customer personal information</p>	<p>Legal obligation and this may impact their security of the mine and privacy.</p>	<p>Since the issues are related to the total load of these substations, these details in public domain would not any value</p>
<p>Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 18</p>	<p>Connection point demand (including directly customer demands)</p>	<p>CAPEX</p>	<p>Personal information</p>	<p>Identified customer personal information</p>	<p>Legal obligation and this may impact their commercial activities.</p>	<p>Since the issues are related to the total load of these substations, individual load details in public domain would not add any value.</p>

Investment Evaluation Summary: Newton – Queenstown Security Augmentation, Page 18, Paragraph 1	Equipment ratings of a customer	CAPEX	Personal information	Identified customer personal information	Legal obligation and privacy	Since the issues are related to the total load of these substations, individual customer equipment details in public domain would not add any value.
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Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within.	Provide a brief explanation of why the confidential information falls into the selected category.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
D12/10518 Transmission line anode renewal program Investment Evaluation Summary			View a description of the confidentiality categories (see page 9).	If information falls within 'other' please provide further details on why the information should be treated as confidential.		
1.3 Economic analysis Page 9	Unit costs	Capex	Market intelligence	Unit costs (average) for work. May provide advantage to competitors for contestable activities	Unit costs (average) for work. May provide advantage to competitors for contestable activities	Impact on the long term interests of customers and ability to effectively plan and operate network

<p>Title, page and paragraph number of document containing the confidential information</p> <p>transmission line protection renewal program – D12/10516</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 1, table 2</p>	<p>Names of project initiator and owner</p>	<p>Capex</p>	<p>Personal information</p>	<p>Names of employees who prepared and proposed investment projects</p>	<p>Names are easily traced for the public to seek further information about the proposed project</p>	<p>The public should not be able to contact individuals directly to seek further information or provide feedback</p>
<p>Page 5, section 2.1,</p>	<p>Page 5, section 2.1,</p>	<p>Capex</p>	<p>Market sensitive cost inputs</p>	<p>Unit rate from a specific maintenance contractor</p>	<p>Could introduce price cuts from market competitors</p>	<p>Public does not need to know the unit rate of maintenance</p>
<p>Page 6, section 2.3,</p>	<p>Page 6, section 2.3,</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The transmission lines mentioned highlight the potential to cause significant disruption to</p>	<p>The protection schemes are not located within Transend controlled</p>	<p>The public does not need to know the location of such assets to assess the need for</p>
<p>Page 10, section 7, dot points (6 off)</p>	<p>Customers affected by underperforming assets</p>	<p>Capex</p>	<p>Personal information</p>	<p>Customer information</p>	<p>Customer may not want to have potential impacts to their operations published</p>	<p>Customer is listed on the stock exchange and any potential risk to customer could affect share prices</p>
<p>Page 10, section 8, paragraph 8</p>	<p>Location of assets that have a critical network security issue</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>The transmission lines mentioned highlight the potential to cause significant disruption to the transmission network</p>	<p>The protection schemes are not located within Transend controlled building and if known could be manipulated to cause significant disruption to the</p>	<p>The public does not need to know the location of such assets to assess the need for investment</p>

Pages 13 and 14, section 1.2.4	Location of assets that have a critical network security issue	Capex	Information affecting the security of the network	The transmission lines mentioned highlight the potential to cause significant disruption to the transmission network	The protection schemes are not located within Transend controlled building and if known could be manipulated to cause significant disruption to the transmission network	The public does not need to know the location of such assets to assess the need for investment
Page 16, section 1.4, paragraph 5	Location of assets that have a critical network security issue	Capex	Information affecting the security of the network	The transmission lines mentioned highlight the potential to cause significant disruption to the transmission network	The protection schemes are not located within Transend controlled building and if known could be manipulated to cause significant disruption to the transmission network	The public does not need to know the location of such assets to assess the need for investment
Page 17, section 4, dot point 2	Location of assets that have a critical network security issue	Capex	Information affecting the security of the network	The transmission lines mentioned highlight the potential to cause significant disruption to the transmission network	The protection schemes are not located within Transend controlled building and if known could be manipulated to cause significant disruption to the transmission network	The public does not need to know the location of such assets to assess the need for investment
Page 18, section 4, section 1 and 2 sign-offs table	Names of project initiator line manager and manager	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback

<p>Title, page and paragraph number of document containing the confidential information</p> <p>D12/10519</p> <p>Transmission line K-pole renewal program</p> <p>Investment Evaluation Summary</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>Page 1 Preferred Option</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the</p>	<p>Security of the network</p>
<p>Page 3 1. Background</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced</p>	<p>Security of the network</p>
<p>Page 3 2. Problem Definition</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network</p>	<p>Security of the network</p>
<p>Page 4 3. Capital expenditure objectives</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network</p>	<p>Security of the network</p>
<p>Page 5 8. Reference documents</p>	<p>Information relating to specific equipment</p>	<p>Capex</p>	<p>Information affecting the security of the network</p>	<p>Information relating to specific equipment locations could compromise the security of the transmission network</p>	<p>Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network</p>	<p>Security of the network</p>

Page 6 1.1 Options considered	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 7 1.2.2 Option 1	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 7 1.2.3 Option 2	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 8 1.2.3 Option 2 (cont)	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
Page 8 1.2.4 Option3	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the	Information may be used to cause targeted damage to equipment that may result in	Security of the network
				of the transmission network	to the transmission network	
Page 8 1.2.4 Option 3	Unit costs	Capex	Market intelligence	Unit costs (average) for work. May provide advantage to competitors for contestable activities	Unit costs (average) for work. May provide advantage to competitors for contestable activities	Impact on the long term interests of customers and ability to effectively plan and operate network
Page 9 1.3 Economic analysis	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network

Page 10 2. Investment timing	Information relating to specific equipment	Capex	Information affecting the security of the network	Information relating to specific equipment locations could compromise the security of the transmission network	Information may be used to cause targeted damage to equipment that may result in reduced security to the transmission network	Security of the network
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Confidentiality claim for Transformer protection renewal program – D12/10505



Title, page and paragraph number of document containing the confidential information	Description of the confidential information.	Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)	Identify the recognised confidentiality category that the confidential information falls within. View a description of the confidentiality categories (see page 9).	Provide a brief explanation of why the confidential information falls into the selected category. If information falls within 'other' please provide further details on why the information should be treated as confidential.	Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.	Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).
Page 1, table 2	Names of project initiator and owner	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback
Pages 9 and 10, section 7, dot points (9 off)	Customers affected by underperforming assets	Capex	Personal information	Customer information	Customer may not want to have potential impacts to their operations published	Customer is listed on the stock exchange and any potential risk to customer could affect share prices
Page 16, section 4, section 1 and 2 sign-offs table	Project initiator, line manager and manager names	Capex	Personal information	Names of employees who prepared and proposed investment projects	Names are easily traced for the public to seek further information about the proposed project	The public should not be able to contact individuals directly to seek further information or provide feedback

<p>Title, page and paragraph number of document containing the confidential information</p> <p>North Hobart Substation – 11 kV connection point</p>	<p>Description of the confidential information.</p>	<p>Topic the confidential information relates to (e.g. capex, opex, the rate of return etc.)</p>	<p>Identify the recognised confidentiality category that the confidential information falls within.</p> <p>View a description of the confidentiality categories (see page 9).</p>	<p>Provide a brief explanation of why the confidential information falls into the selected category.</p> <p>If information falls within 'other' please provide further details on why the information should be treated as confidential.</p>	<p>Specify reasons supporting how and why detriment would be caused from disclosing the confidential information.</p>	<p>Provide any reasons supporting why the identified detriment is not outweighed by the public benefit (especially public benefits such as the effect on the long term interests of consumers).</p>
<p>North Hobart Substation – 11 kV connection point</p> <p>Page 3 paragraph 1</p>	<p>North Hobart Substation is an important connection point that supplies Hobart central business district (CBD).</p> <p>- These feeders supply the Hobart CBD, including critical loads such as Royal Hobart Hospital, Hobart Central Police Station, Hobart Central Fire Station, and Tasmania's headquarters of the State Emergency Service (SES).</p>	<p>capex</p>	<p>Information affecting the security of the network</p>	<p>Statement identifies critical loads in Hobart</p>	<p>For any reason, if this substation or associated switchgear were to operate in anger critical loads such as Royal Hobart Hospital, Hobart Central Police Station, Hobart Central Fire Station, and Tasmania's headquarters of the State Emergency Service (SES) will lose supply.</p>	<p>Having detailed information of critical loads in the public domain, does not add value.</p>
<p>North Hobart Substation – 11 kV connection point</p> <p>Page 5 paragraph 1,2,3</p>	<p>- This arrangement reduces the reliability of supply to the Hobart CBD area -North Hobart Substation supplies the Hobart CBD and surrounding area.</p>	<p>capex</p>	<p>Information affecting the security of the network</p>	<p>Statement identifies critical loads in Hobart</p>	<p>As above</p>	<p>As above</p>

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	<p>Critical Infrastructure (Hobart CBD including Royal Hobart Hospital, Central Police Station, Central Fire Station, Tasmania SES headquarters); High Density Commercial (Hobart central shopping and business area); and Urban Centre (Hobart central high density residential area).</p> <p>- The Hobart CBD area is acknowledged by Aurora as the highest reliability requirement load centre in Tasmania.</p>				<p>headquarters of the State Emergency Service (SES) will lose supply.</p>	
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<p>North Hobart Substation – 11 kV connection point</p> <p>Page 9 last two paragraph on the table under reason</p>	<p>- This load includes critical infrastructure in Hobart's CBD including Royal Hobart Hospital, Hobart central police station and Hobart central fire station.</p> <p>-Failure / fault of 11 kV switchgear will lead to interruption of supply to critical infrastructure in</p>	<p>capex</p>	<p>Information affecting the security of the network</p>	<p>Statement identifies critical loads in Hobart</p>	<p>For any reason, if this substation or associated switchgear were to operate in anger critical loads such as Royal Hobart Hospital, Hobart Central Police Station, Hobart Central Fire Station, and Tasmania's headquarters of the State Emergency Service (SES) will be</p>	<p>Having detailed information of critical loads in the public domain, does not add value.</p>
<p>North Hobart Substation – 11 kV connection point</p> <p>Page 13 second dot point</p>	<p>- Demand reduction by half in Hobart CBD is pragmatically impossible.</p>	<p>capex</p>	<p>Information affecting the security of the network</p>	<p>Statement identifies critical loads in Hobart</p>	<p>For any reason, if this substation or associated switchgear were to operate in anger critical loads such as Royal Hobart Hospital, Hobart Central Police Station, Hobart Central Fire Station, and Tasmania's</p>	<p>Having detailed information of critical loads in the public domain, does not add value.</p>