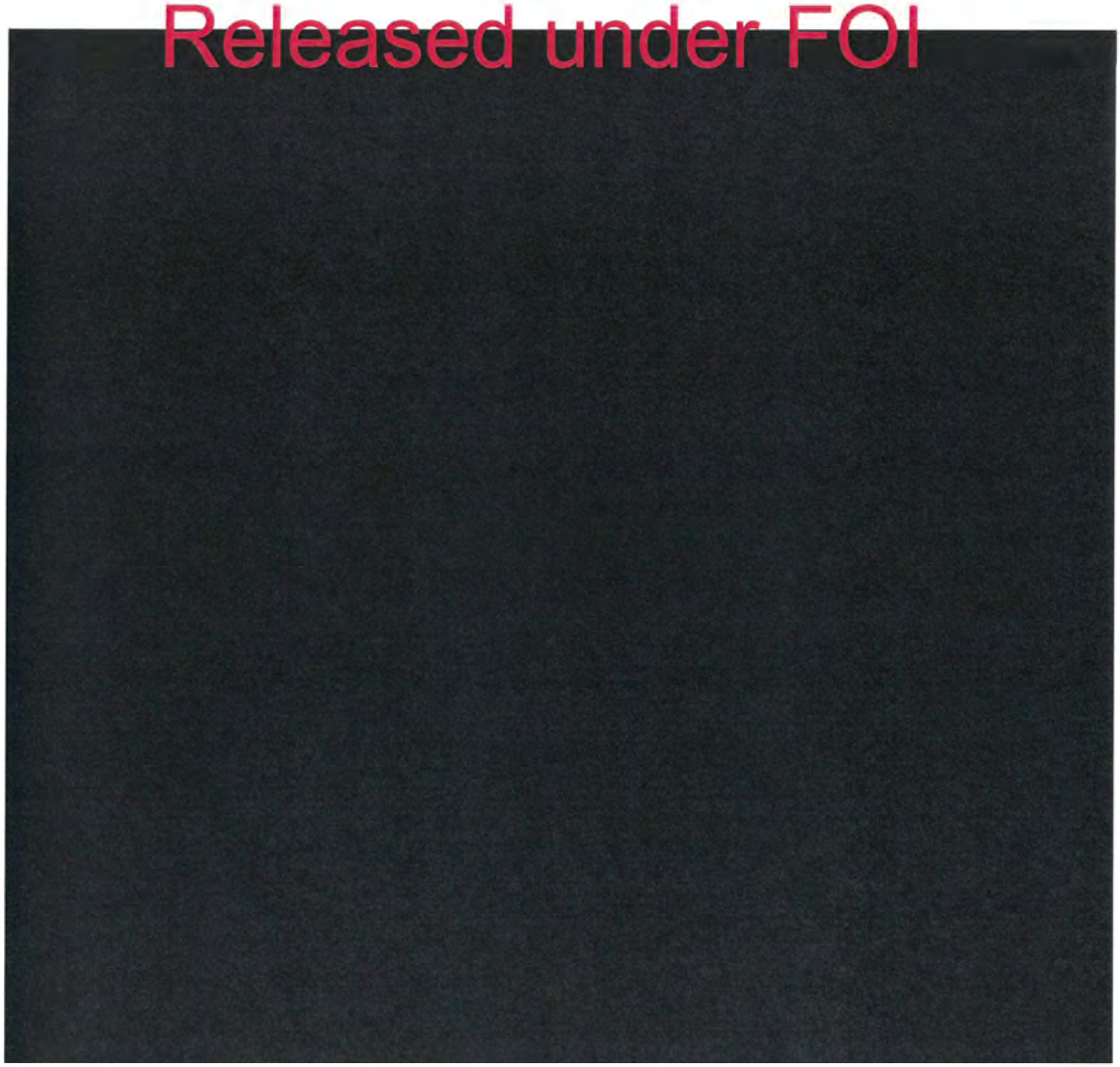


Transmission Network Service Provider

Historical Reporting RIN Template

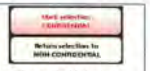
This template is to be used by Powerlink to fulfil its reporting obligations to the AER.

INSTRUCTIONS

Complete the ***Business & other details*** worksheet before entering data or values in any other worksheets. The Business & other details worksheet is linked to other worksheets within the workbook and automatically generates certain column headings and conditional formatting.

Identifying CONFIDENTIAL INFORMATION:

Please use the macro at the top of each worksheet to identify confidential information.



-Do this by selecting the cell or cells that contain confidential information and then run the *Mark selection CONFIDENTIAL* macro. This will format the cells a specific colour that is identified by the AER's database which in turn marks that information as confidential.

-To reverse this, select the cell or cells and run the *Return selection to NON-CONFIDENTIAL* macro.

UNITS OF MEASURE

All amounts are to be unrounded and reported on a one for one basis. that is 1000 is to be entered as '1000'. Applicable units of measure may be identified in the table column headings or row descriptors.

COLOUR CODING OF INPUT / NON-INPUT CELLS:

Yellow = Input cell (mandatory)
Darker yellow = Input cell (mandatory)
Orange = Input cell (if data available)
Grey = Not applicable/No inputs required
[illegible] only cells that are to contain numeric data

WORKSHEET NAVIGATION

Many tables in the worksheets have been "grouped" to allow for easy navigation. To ungroup or group data use the outline symbols in the left margin of excel (for Rowgroupings) or above the columns (for column groupings).

outline symbols 1 2 3, +, and -.

RETURNING COMPLETED RESPONSES

Please *return four (4) files* to the AER:

1. A **confidential** version which must contain a complete set of all responses with confidential information marked using the *Mark selected cells CONFIDENTIAL* macro and which has been completed using the locked template file provided by the AER.

2. An **actual** and an **estimate** version with confidential information marked using the *Mark selected CONFIDENTIAL* macro and which has been completed using the locked template file provided by the AER.

3. A public version with confidential information either removed completely or aggregated in some form together with written consent to disclose the public version of the response.

Use the drop down box on the *Business and other details* worksheet to identify the file as either confidential ('consolidated') or public.

SUBMITTING AMENDED DATA TO THE AER

If an NSP wishes to correct data previously submitted to the AER it should resubmit that data using the **original completed submission** as the starting point. Please make any necessary changes to the data. Data that is not being amended should be left unchanged.

NSPs must identify the reason for the amendments in the **Amendment Reason** box on the *Business and other details* worksheet. NSPs may provide further details regarding any amendments in the **Amendments** worksheet.

NSP may use *Amended Data* macro to highlight cells that contain amended data. NB: if data is also CONFIDENTIAL, re-apply the *Confidentiality* macro after applying the *Amended* macro.

Please resubmit **two (2) files - a confidential** version and a **public** version of the amended submission to the AER

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BUSINESS & OTHER DETAILS

Instructions

Complete the following business details regulatory template **before** entering data or values in any other regulatory template. This regulatory template is linked to other cells within the spreadsheet and automatically generates column headings.

SUBMISSION PARTICULARS INPUT SHEETS

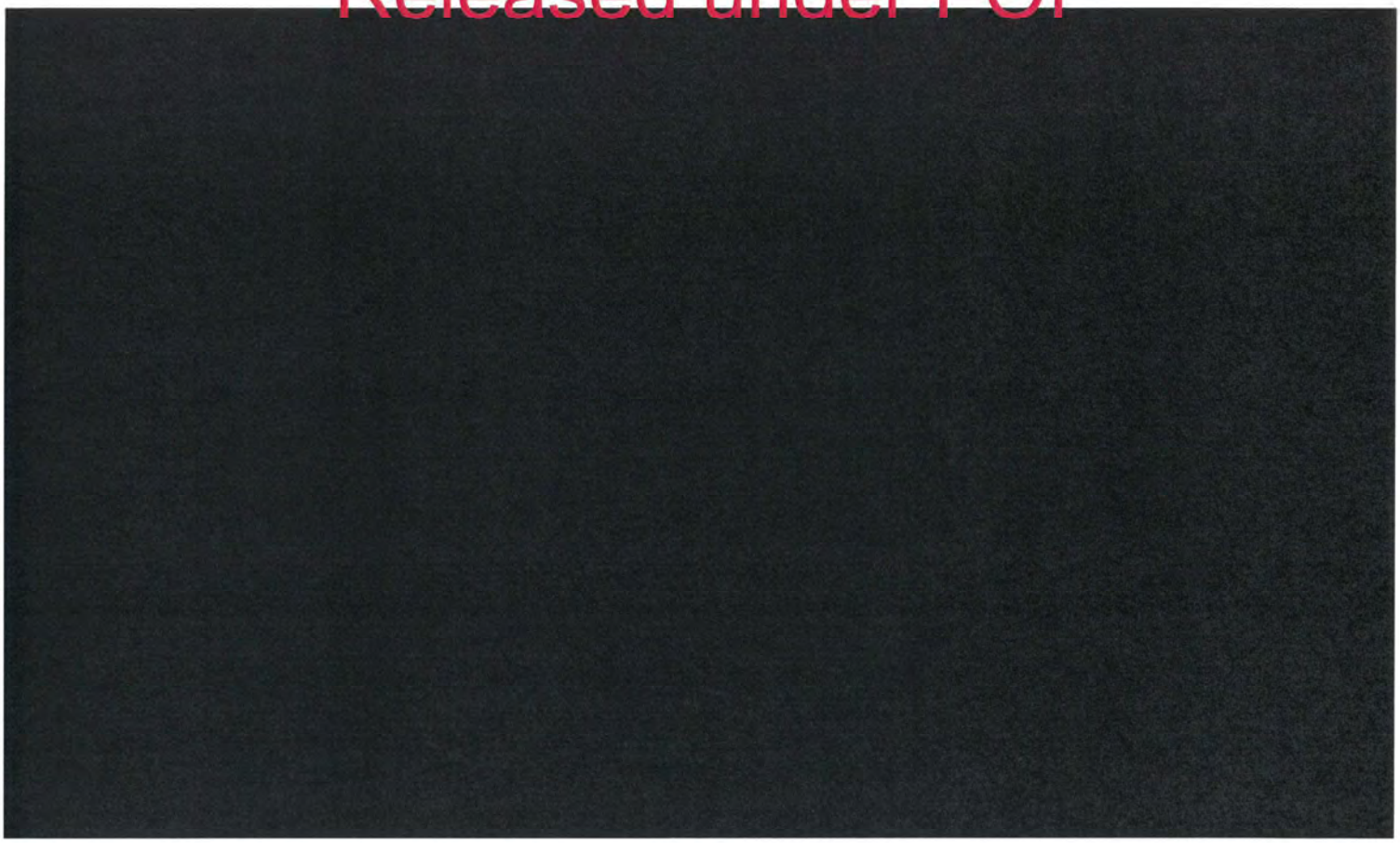
ENTITY DETAILS

Short name	AusNet (T)			
ACN / ABN	78 079 798 173			
Business address		Address 1	Level 32	
		Address 2	2 Southbank Boulevard	
		Suburb	SOUTHBANK	
		State	Vic	p/code 3006
Postal address		Address 1	Locked Bag 14051	
		Address 2		
		Suburb	MELBOURNE CITY MAIL CENTRE	
		State	Vic	p/code 8001
Contact name/s	Clare Thompson			
Contact phone/s				
Contact email address/s	Clare.E.Thompson@AusnetServices.com.au			

REGULATORY CONTROL PERIODS

Current regulatory year	2016-17	

Source	**Reporting**	Please select the correct submission type from the dropdown list.
Data quality (actual, estimate, public, consolidated)	**Consolidated**	
Amended RIN submission - amendment reason		
Submission Date	dd/mm/yyyy	Please enter date this file submitted to AER (dd/mm/yyyy)
EBSS - First application of scheme in forthcoming perio	No	



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Mark selection

Return

FOR AMENDED SUBM

Mark selection as

Return selection to

2.1 EXPENDITURE SUMMARY AND RECONCILIATION

There are TWO tables on this worksheet. Each has been grouped for ease of navigation. See the *Instructions* sheet on how to group or ungroup tables.

2.1.1 - PRESCRIBED TRANSMISSION SERVICES CAPEX (as incurred)

	Actual ($0's) 2016-17
Replacement expenditure	
Connections	
Augmentation Expenditure	
Non-network	
Capitalised network overheads	
Capitalised corporate overheads	
balancing item	
TOTAL CAPEX	

2.1.2 - PRESCRIBED TRANSMISSION SERVICE OPEX

	Actual ($0's) 2016-17
Vegetation management	
Maintenance	
Non-network	
Network overheads	
Corporate overheads	
balancing item	
TOTAL OPEX	

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2.2 REPEX

Mark selection | Return | FOR AMENDE | Mark selectio | Return selectio

There are TWO tables (with three sub-tables each) on this worksheet. Each table has been grouped (and sub-grouped) for ease of navigation. See the *Instructions* sheet on how to group or ungroup data.

2.2.1 - REPLACEMENT EXPENDITURE, VOLUMES AND ASSET FAILURES BY ASSET CATEGORY

		EXPENDITURE ($0's)	ASSET REPLACEMENTS	ASSET FAILURES
ASSET GROUP	ASSET CATEGORY	2016-17	2016-17	2016-17
TRANSMISSION TOWERS Highest operating voltage; Circuit configuration	< = 33 kV ; Single Circuit		-	-
	> 33 kV & < = 66 kV ; Single Circuit		-	-
	> 66 kV & < = 132 kV ; Single Circuit		-	-
	> 132 kV & < = 275 kV ; Single Circuit		-	-
	> 275 kV & < = 330 kV ; Single Circuit		-	-
	> 330 kV & < = 500 kV ; Single Circuit		-	-
	> 500 kV ; Single Circuit		-	-
	< = 33 kV ; Multiple Circuit		-	-
	> 33 kV & < = 66 kV ; Multiple Circuit		-	-
	> 66 kV & < = 132 kV ; Multiple Circuit		-	-
	> 132 kV & < = 275 kV ; Multiple Circuit		-	-
	> 275 kV & < = 330 kV ; Multiple Circuit		-	-
	> 330 kV & < = 500 kV ; Multiple Circuit		-	-
	> 500 kV ; Multiple Circuit		-	-
	Other		-	-
TRANSMISSION TOWER SUPPORT STRUCTURES BY: Highest operating voltage; Circuit configuration	< = 33 kV ; Single Circuit		-	-
	> 33 kV & < = 66 kV ; Single Circuit		-	-
	> 66 kV & < = 132 kV ; Single Circuit		-	-
	> 132 kV & < = 275 kV ; Single Circuit		-	-
	> 275 kV & < = 330 kV ; Single Circuit		-	-
	> 330 kV & < = 500 kV ; Single Circuit		-	-
	> 500 kV ; Single Circuit		-	-
	< = 33 kV ; Multiple Circuit		-	-
	> 33 kV & < = 66 kV ; Multiple Circuit		-	-
	> 66 kV & < = 132 kV ; Multiple Circuit		-	-
	> 132 kV & < = 275 kV ; Multiple Circuit		-	-
	> 275 kV & < = 330 kV ; Multiple Circuit		-	-
	> 330 kV & < = 500 kV ; Multiple Circuit		-	-
	> 500 kV ; Multiple Circuit		-	-
	Other		64	-
CONDUCTORS BY: Voltage; Maximum continuous rating	< = 33 kV ; < = 100 MVA		-	-
	< = 33 kV ; > 100 MVA & < = 400 MVA		-	-
	< = 33 kV ; > 400 MVA		-	-
	> 33 kV & < = 66 kV ; < = 100 MVA		-	-
	> 33 kV & < = 66 kV ; > 100 MVA & < = 400 MVA		-	-
	> 33 kV & < = 66 kV ; > 400 MVA		-	-
	> 66 kV & < = 132 kV ; < = 100 MVA		-	-
	> 66 kV & < = 132 kV ; > 100 MVA & < = 400 MVA		-	-
	> 66 kV & < = 132 kV ; > 400 MVA		-	-
	> 132 kV & < = 275 kV ; < = 200 MVA		-	-
	> 132 kV & < = 275 kV ; > 200 MVA & < = 600 MVA		-	-

	> 132 kV & < = 275 kV ; > 600 MVA			
	> 275 kV & < = 330 kV ; < = 800 MVA			
	> 275 kV & < = 330 kV ; > 800 MVA & < = 1200 MVA			
	> 275 kV & < = 330 kV ; > 1200 MVA			
	> 330 kV & < = 500 kV ; < = 1000 MVA			
	> 330 kV & < = 500 kV ; > 1000 MVA & < = 1500 MVA			
	> 330 kV & < = 500 kV ; > 1500 MVA		31	
	> 500 kV ; < = 2000 MVA			
	> 500 kV ; > 2000 MVA & < = 3000 MVA			
	> 500 kV ; > 3000 MVA			
	Other		79	
TRANSMISSION CABLES BY: Highest operating voltage; Insulation type	< = 33 kV ; Oil Filled			
	> 33 kV & < = 66 kV ; Oil Filled			
	> 66 kV & < = 132 kV ; Oil Filled			
	> 132 kV & < = 275 kV ; Oil Filled			3
	> 275 kV & < = 330 kV ; Oil Filled			
	> 330 kV & < = 500 kV ; Oil Filled			
	> 500 kV ; Oil Filled			
	< = 33 kV ; XLPE Insulated			
	> 33 kV & < = 66 kV ; XLPE Insulated			
	> 66 kV & < = 132 kV ; XLPE Insulated			
	> 132 kV & < = 275 kV ; XLPE Insulated			
	> 275 kV & < = 330 kV ; XLPE Insulated			
	> 330 kV & < = 500 kV ; XLPE Insulated			
	> 500 kV ; XLPE Insulated			
	< = 33 kV ; Other Insulated			
	> 33 kV & < = 66 kV ; Other Insulated			
	> 66 kV & < = 132 kV ; Other Insulated			
	> 132 kV & < = 275 kV ; Other Insulated			
	> 275 kV & < = 330 kV ; Other Insulated			
	> 330 kV & < = 500 kV ; Other Insulated			
	> 500 kV ; Other Insulated			
	Other			
SUBSTATION SWITCHBAYS BY: Highest operating voltage; Switch type	< = 33 kV ; Air Insulated circuit Breaker			3
	> 33 kV & < = 66 kV ; Air Insulated circuit Breaker		27	37
	> 66 kV & < = 132 kV ; Air Insulated circuit Breaker			
	> 132 kV & < = 275 kV ; Air Insulated circuit Breaker		16	54
	> 275 kV & < = 330 kV ; Air Insulated circuit Breaker			9
	> 330 kV & < = 500 kV ; Air Insulated circuit Breaker			27
	> 500 kV ; Air Insulated circuit Breaker			
	< = 33 kV ; Air Insulated Isolators / Earth Switch			
	> 33 kV & < = 66 kV ; Air Insulated Isolators / Earth Switch			1
	> 66 kV & < = 132 kV ; Air Insulated Isolators / Earth Switch			
	> 132 kV & < = 275 kV ; Air Insulated Isolators / Earth Switch			15
	> 275 kV & < = 330 kV ; Air Insulated Isolators / Earth Switch			1
	> 330 kV & < = 500 kV ; Air Insulated Isolators / Earth Switch			4
	> 500 kV ; Air Insulated Isolators / Earth Switch			
	< = 33 kV ; VT			
	> 33 kV & < = 66 kV ; VT			1
	> 66 kV & < = 132 kV ; VT			
	> 132 kV & < = 275 kV ; VT			1
	> 275 kV & < = 330 kV ; VT			
	> 330 kV & < = 500 kV ; VT			2
	> 500 kV ; VT			
	< = 33 kV ; CT			
	> 33 kV & < = 66 kV ; CT			1
	> 66 kV & < = 132 kV ; CT			
	> 132 kV & < = 275 kV ; CT			
	> 275 kV & < = 330 kV ; CT			
	> 330 kV & < = 500 kV ; CT			
	> 500 kV ; CT			

	< = 33 kV ; GIS Module	-	-	-
	> 33 kV & < = 66 kV ; GIS Module	-	-	1
	> 66 kV & < = 132 kV ; GIS Module	-	-	-
	> 132 kV & < = 275 kV ; GIS Module	-	-	18
	> 275 kV & < = 330 kV ; GIS Module	-	-	-
	> 330 kV & < = 500 kV ; GIS Module	-	-	20
	> 500 kV ; GIS Module	-	-	-
	Other	-	-	1
SUBSTATION POWER TRANSFORMERS BY: Highest operating voltage; Ampere rating	< = 33 kV ; < = 10 MVA	-	-	2
	< = 33 kV ; > 10 MVA & < = 30 MVA	-	-	-
	< = 33 kV ; > 30 MVA	-	-	-
	> 33 kV & < = 66 kV ; < = 10 MVA	-	-	-
	> 33 kV & < = 66 kV ; > 10 MVA & < = 30 MVA	-	-	-
	> 33 kV & < = 66 kV ; > 30 MVA	-	-	-
	> 66 kV & < = 132 kV ; < = 30 MVA	-	-	-
	> 66 kV & < = 132 kV ; > 30 MVA & < = 60 MVA	-	-	-
	> 66 kV & < = 132 kV ; > 60 MVA	-	-	-
	> 132 kV & < = 220 kV ; < = 50 MVA	-	-	15
	> 132 kV & < = 220 kV ; > 50 MVA & < = 100 MVA	-	-	13
	> 132 kV & < = 220 kV ; > 100 MVA	3	-	42
	> 220 kV & < = 275 kV ; < = 50 MVA	-	-	-
	> 220 kV & < = 275 kV ; > 50 MVA & < = 100 MVA	-	-	-
	> 220 kV & < = 275 kV ; > 100 MVA	-	-	-
	> 275 kV & < = 330 kV ; < = 100 MVA	-	-	2
	> 275 kV & < = 330 kV ; > 100 MVA & < = 250 MVA	-	-	1
	> 275 kV & < = 330 kV ; > 250 MVA	-	-	4
	> 330 kV & < = 500 kV ; < = 150 MVA	-	-	-
	> 330 kV & < = 500 kV ; > 150 MVA & < = 300 MVA	-	-	1
	> 330 kV & < = 500 kV ; > 300 MVA	-	-	28
	> 500 kV ; < = 1000 MVA	-	-	-
	> 500 kV ; > 1000 MVA & < = 1500 MVA	-	-	-
	> 500 kV ; > 1500 MVA	-	-	-
	Other	-	-	4
SUBSTATION REACTIVE PLANT BY: Highest operating voltage; Function	< = 33 kV ; SVCS	-	-	-
	> 33 kV & < = 66 kV ; SVCS	-	-	-
	> 66 kV & < = 132 kV ; SVCS	-	-	-
	> 132 kV & < = 275 kV ; SVCS	4	-	10
	> 275 kV & < = 330 kV ; SVCS	-	-	-
	> 330 kV & < = 500 kV ; SVCS	-	-	-
	> 500 kV ; SVCS	-	-	-
	< = 33 kV ; Capacitors	-	-	1
	> 33 kV & < = 66 kV ; Capacitors	-	-	7
	> 66 kV & < = 132 kV ; Capacitors	-	-	-
	> 132 kV & < = 275 kV ; Capacitors	-	-	3
	> 275 kV & < = 330 kV ; Capacitors	-	-	1
	> 330 kV & < = 500 kV ; Capacitors	-	-	-
	> 500 kV ; Capacitors	-	-	-
	< = 33 kV ; Oil Filled Reactors	-	-	1
	> 33 kV & < = 66 kV ; Oil Filled Reactors	-	-	-
	> 66 kV & < = 132 kV ; Oil Filled Reactors	-	-	-
	> 132 kV & < = 275 kV ; Oil Filled Reactors	-	-	1
	> 275 kV & < = 330 kV ; Oil Filled Reactors	-	-	-
	> 330 kV & < = 500 kV ; Oil Filled Reactors	-	-	-
	> 500 kV ; Oil Filled Reactors	-	-	-
	Other	1	-	11
SCADA, NETWORK CONTROL AND PROTECTION SYSTEMS BY: Function	Communications Network Assets	-	-	-
	Master Station Assets	-	-	-
	Control equipment / systems	4	-	12
	Infrastructure: protection and control	-	-	23
	Metering systems	-	-	3

	OPGW		2	-
	Protection schemes / systems		199	39
	Site establishment		4	-
	Station SCADA and control systems		35	4
	Telecommunications Network / Systems		34	-
	Total secondary systems		-	-
	Other		17	-
OTHER BY: *TNSP defined*	<NSP to enter description for Asset Group/Category not listed above>		-	-
	Station Property & Civil Infrastructure		213	-
	GENERATORS AND MOTORS		1	3
	INFRASTRUCTURE : COMPRESSOR		-	1
	INFRASTRUCTURE : Earth Grid		-	2
	OTHER: NEUTRAL EARTH COMPENSATORS/RESISTORS		-	-
	OTHER : SURGE DIVERTERS < = 33 kV ;		-	-
	OTHER : SURGE DIVERTERS > 132 kV & < = 275 kV ;		-	-
	OTHER : SURGE DIVERTERS > 275 kV & < = 330 kV ;		-	-
	OTHER : SURGE DIVERTERS > 33 & < = 66 kV ;		-	-
	OTHER : SURGE DIVERTERS > 33 kV & < = 66 kV ;		-	-
	OTHER : SURGE DIVERTERS > 330 kV & < = 500 kV ;		-	-
	OTHER: < = 33 kV ; BUS		-	-
	OTHER: > 132 kV & < = 275 kV ; BUS		-	7
	OTHER: > 275 kV & < = 330 kV ; BUS		-	-
	OTHER: > 33 kV & < = 66 kV ; BUS		-	3
	OTHER: > 330 kV & < = 500 kV ; BUS		-	1

2.2.2 - SELECTED ASSET CHARACTERISTICS

ASSET GROUP	ASSET CATEGORY	ASSET VOLUMES CURRENTLY IN COMMISSION 2016-17	ASSET REPLACEMENTS 2016-17
CONDUCTORS BY: CONDUCTOR LENGTH MATERIAL TYPE	AAAC		-
	AAC		-
	ACAR		-
	ACSR		31
	HD Cu		-
	OP Ground Wire		20
	Steel Ground Wire		35
	ACSR Ground Wire		24
SUBSTATION REACTIVE PLANT BY: REACTIVE CAPACITY	Total MVAr by SVCs		4
	Total MVAr by Capacitors		-
	Total MVAr by Oil Filled Reactors		-

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2.3 AUGEX PROJECTS

Mark selection CONFIDENTIAL | Return selection to | FOR AMENDED SUBMISSIONS ONLY | Mark selection as AMENDED | Return selection to NON-AMENDED

There are THREE tables on this worksheet - each has been 'grouped' for easy navigation. Both ROWS and COLUMNS have been grouped. See the Instructions sheet on how to group or ungroup tables.

2.3.1 - AUGEX ASSET DATA - SUBSTATIONS

NOTE: TNSP MUST PROVIDE EXPENDITURE INFORMATION ON A PROJECT CLOSE BASIS.

SUBSTATION AND PROJECT SUMMARY											PLANT AND EQUIPMENT	OTHER EXPENDITURE	RELATED PARTY CONTRACTS	LAND AND EASEMENTS
SUBSTATION ID	SUBSTATION TYPE	PROJECT ID	PROJECT TYPE	PROJECT TRIGGER	VOLTAGE (KV)	SUBSTATION RATING NORMAL CYCLIC (MVA)		SUBSTATION RATING N-1 EMERGENCY (MVA)			TRANSFORMERS	CIVIL WORKS	RELATED PARTY MARGINS	LAND PURCHASES
						PRE	POST	PRE	POST		Units Added	Expenditure ($0's)	Expenditure ($0's)	Expenditure ($0's)

2.3.2 - AUGEX ASSET DATA - LINES

NOTE: TNSP MUST PROVIDE EXPENDITURE INFORMATION ON A PROJECT CLOSE BASIS.

LINE AND PROJECT SUMMARY						PLANT AND EQUIPMENT	OTHER EXPENDITURE	ALL RELATED PARTY	LAND AND EASEMENTS
LINE ID	PROJECT ID	PROJECT TYPE	PROJECT TRIGGER	VOLTAGE (KV)	ROUTE LINE LENGTH ADDED	TOWERS/POLES (INCLUDING STRUCTURES, AND CIVIL WORKS)	CIVIL WORKS	RELATED PARTY MARGINS	LAND PURCHASES
					KM ADDED	Configuration	Expenditure ($0's)	Expenditure ($0's)	Expenditure ($0's)

2.3.4 - AUGEX - TOTAL EXPENDITURE

AUGMENTATION CAPEX (As Incurred)	EXPENDITURE ($0's) 2016-17
Substations	
Lines	
Other assets	
Total augmentation capex	-

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2.5 CONNECTIONS EXPENDITURE

Mark selection CONFIDENTIAL

Return selection to

FOR AMENDED SUBMISSIONS ONLY

Mark selection as AMENDED

Return selection to NON-AMENDED

There are TWO tables on this worksheet. Each has been grouped (or sub-grouped). See the *Instructions* sheet on how to group or ungroup data.

2.5.1 - EXPENDITURE ON CONNECTION PROJECTS

CONNECTION PROJECT	EXPENDITURE ($0's) 2016-17
DIRECT MATERIALS EXPENDITURE	
DIRECT LABOUR EXPENDITURE	

2.5.2 - DESCRIPTION OF CONNECTION PROJECTS

	CONNECTION RATING (MVA)	CONNECTION VOLTAGE (KV)	UNDERGROUND / OVERHEAD	YEAR CONNECTION PROJECT COMPLETED

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Mark selection CONFIDENTIAL | Return | FOR AMENDED SUBMI | Mark selection as | Return selection to

2.6 NON NETWORK EXPENDITURE

There are THREE tables on this worksheet - each has been 'grouped' (and sub-grouped) for easy navigation. See the *Instructions* sheet on how to group or ungroup tables.

2.6.1 - NON-NETWORK EXPENDITURE

SERVICE SUBCATEGORY	ASSET CATEGORY	EXPENDITURE ($0's) 2016-17
OPEX		
IT & COMMUNICATIONS	Client device expenditure	
	Recurrent expenditure	11,071,735
	Non-recurrent expenditure	312,629
MOTOR VEHICLES	Car	399,031
	Light commercial vehicle	696,652
	Elevated work platform (LCV)	
	Elevated work platform (HCV)	
	Heavy commercial vehicle	105,206
BUILDINGS AND PROPERTY	Total buildings and property expenditure	
OTHER	Other expenditure	
OTHER - *DNSP nominated*		
CAPEX		
IT & COMMUNICATIONS	Client device expenditure	
	Recurrent expenditure	
	Non-recurrent expenditure	
MOTOR VEHICLES	Car	
	Light commercial vehicle	
	Elevated work platform (LCV)	
	Elevated work platform (HCV)	
	Heavy commercial vehicle	
BUILDINGS AND PROPERTY	Total buildings and property expenditure	
OTHER	Other expenditure	
OTHER - *DNSP nominated*	Tools and Equipment	

2.6.2 - ANNUAL DESCRIPTOR METRICS - IT & COMMUNICATIONS EXPENDITURE

NON-NETWORK CATEGORY	DESCRIPTOR METRIC	VOLUMES (0's) 2016-17
IT & COMMUNICATIONS	Employee numbers	384
	User numbers	661
	Number of devices	877

2.6.3 - ANNUAL DESCRIPTOR METRICS - MOTOR VEHICLES

ASSET CATEGORY	DESCRIPTOR METRIC	UNITS	VOLUMES / % 2016-17
CAR	Average kilometres travelled	0's	18,620
	Number purchased	0's	3
	Number leased	0's	14
	Number in fleet	0's	62
	Proportion of total fleet expenditure allocated as regulatory expenditure	(per cent)	91%
LIGHT COMMERCIAL VEHICLE	Average kilometres travelled	0's	19,872
	Number purchased	0's	5
	Number leased	0's	26
	Number in fleet	0's	65
	Proportion of total fleet expenditure allocated as regulatory expenditure	(per cent)	91%
ELEVATED WORK PLATFORM (LC	Average kilometres travelled	0's	
	Number purchased	0's	
	Number leased	0's	
	Number in fleet	0's	
	Proportion of total fleet expenditure allocated as regulatory expenditure	(per cent)	
ELEVATED WORK PLATFORM (HC	Average kilometres travelled	0's	
	Number purchased	0's	
	Number leased	0's	
	Number in fleet	0's	
	Proportion of total fleet expenditure allocated as regulatory expenditure	(per cent)	
HEAVY COMMERCIAL VEHICLE	Average kilometres travelled	0's	8,949
	Number purchased	0's	2
	Number leased	0's	1
	Number in fleet	0's	9
	Proportion of total fleet expenditure allocated as regulatory expenditure	(per cent)	91%

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2.7 VEGETATION MANAGEMENT

Mark selection CONFIDENTIAL | Return selection

FOR AMENDED SUBMIS | Mark selection as AMENDED | Return selection to

There are THREE tables on this worksheet. Each has been 'grouped' for easy navigation. See the *Instructions* sheet on how to group or ungroup data.

2.7.1 - DESCRIPTOR METRICS BY ZONE

ZONES	ASSET / ENVIRONMENTAL FACTOR	UNITS	VOLUMES 2016-17
ZONE 1	Route line length within zone	km	
	Number of maintenance spans	0's	
	Total length of maintenance spans	km	530
	Average number of trees per maintenance span	0's	12
	Length of vegetation corridors	km	1,590
	Average width of vegetation corridors	metres	60
	Average frequency of cutting cycle	years	

2.7.2 - EXPENDITURE METRICS BY ZONE

ZONES	SERVICE SUBCATEGORY	EXPENDITURE ($0's) 2016-17
ZONE 1	Tree trimming	
	Vegetation corridor clearance	
	Inspection	
	Audit	
	Contractor liaison expenditure	
	Other vegetation management expenditure	

2.7.3 - DESCRIPTOR METRICS ACROSS ALL ZONES - UNPLANNED VEGETATION EVENTS

DESCRIPTOR METRIC	VOLUMES (0's) 2016-17
Number of fire starts caused by vegetation grow-ins (NSP responsibility)	
Number of fire starts caused by vegetation blow-ins and fall-ins (NSP responsibility)	
Number of outages caused by vegetation grow-ins (NSP responsibility)	
Number of outages caused by vegetation blow-ins and fall-ins (NSP responsibility)	
Number of fire starts caused by vegetation grow-ins (other party responsibility)	
Number of fire starts caused by vegetation blow-ins and fall-ins (other party responsibility)	
Number of outages caused by vegetation grow-ins (other party responsibility)	
Number of outages caused by vegetation blow-ins and fall-ins (other party responsibility)	

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2.8 MAINTENANCE

There are TWO tables on this worksheet. Each has been 'grouped' for easy navigation. See the *Instructions* sheet on how to group or ungroup data.

2.8.1 - DESCRIPTOR METRICS FOR ROUTINE AND NON-ROUTINE MAINTENANCE

MAINTENANCE ACTIVITY	MAINTENANCE ASSET CATEGORY	MEASURE / ASSET QUANTITY	UNITS	ASSET QUANTITY		AVERAGE AGE OF ASSET GROUP	INSPECTION CYCLE (YEARS)	MAINTENANCE CYCLE (YEARS)
				AT YEAR END	INSPECTED/ MAINTAINED			
				2016-17	2016-17	2016-17		
Transmission lines maintenance	Transmission towers	Number of towers	'0's		30,945			
	Transmission tower support structures	Number of towers	'0's	69,723	37,186			
	Conductors	Route length	km		1,670			
	Transmission cables	Route length	km		7			
Substations equipment & property maintenance	Substation switchbays (incl. Reactive plant)	Number of switchbays	'0's	1,143	2,575			
	Substation power transformers	Number of transformers	'0's		306			
	Substation property	Number of substation properties maintained	'0's	47	754	30.0		
SCADA & network control maintenance	SCADA & network control maintenance	Units	'0's		8,658			
Protection systems maintenance	Protection systems maintenance	Units	'0's		4,369			
Other maintenance activity								

2.8.2 - COST METRICS FOR ROUTINE AND NON-ROUTINE MAINTENANCE

ASSET CATEGORIES	ASSET SUBCATEGORIES	DIRECT EXPENDITURE ($0's)	
		ROUTINE MAINTENANCE	NON-ROUTINE MAINTENANCE
		2016-17	2016-17
Transmission lines maintenance	Transmission towers	1,635,959	831,818
	Transmission tower support structures	710,104	915,651
	Conductors	123,316	610,838
	Transmission cables	35,430	62,652
Substations equipment & property maintenance	Substation switchbays (incl. Reactive plant)	3,604,107	4,658,173
	Substation power transformers	491,717	1,395,664
	Substation property	1,189,452	532,627
SCADA & network control maintenance	SCADA & network control maintenance	577,465	476,374
Protection systems maintenance	Protection systems maintenance	1,474,726	526,518
Other maintenance activity			

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2.10 OVERHEADS

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There are TWO tables on this worksheet. Each has been 'grouped' (and sub-grouped) for easy navigation. See the *Instructions* sheet on how to group or ungroup data.

Instructions

Enter each expenditure category currently reported under annual Information Guidelines.

2.10.1 - NETWORK OVERHEADS EXPENDITURE

		EXPENDITURE ($0's) 2016-17
MAINTENANCE SUPPORT		
Prescribed Services	MAINTENANCE	
Negotiated Services	Total	
Unregulated Services	Total	
NETWORK MONITORING AND CONTROL		
Prescribed Services	OPERATIONS	
Negotiated Services	Total	
Unregulated Services	Total	
ASSET MANAGEMENT SUPPORT		
Prescribed Services	ASSET MANAGEMENT SUPPORT ASSET WORKS	
Negotiated Services	Total	
Unregulated Services	Total	

2.10.2 - CORPORATE OVERHEADS EXPENDITURE

		EXPENDITURE ($0's) 2016-17
CORPORATE OVERHEADS		
Prescribed Services	TAXES AND CHARGES INSURANCE SELF-INSURANCE OH&S FINANCE HR IT SUPPORT OTHER AVAILABILITY REBATE EASEMENT TAX	
Negotiated Services	Total	
Unregulated Services	Total	

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2.11 LABOUR

There are TWO tables on this worksheet. Each table has been 'grouped' (and sub-grouped) for easy navigation. See the *Instructions* sheet on how to group or ungroup data.

2.11.1 - COST METRICS PER ANNUM

		ASL (0's)	TOTAL LABOUR EXPENDITURE ($0's)	AVERAGE PRODUCTIVE WORK HOURS PER ASL (0's)	STAND-DOWN OCCURENCES PER ASL (0's)
		2016-17	2016-17	2016-17	2016-17
CORPORATE OVERHEADS	Executive manager Senior manager Manager Professional Semi professional Support staff Intern, junior staff, apprentice				
NETWORK OVERHEADS	Executive manager Senior manager Manager Professional Semi professional Support staff Intern, junior staff, apprentice				
TOTAL DIRECT NETWORK LABOUR	Skilled electrical worker Skilled non electical worker Apprentice Unskilled worker				

2.11.2 - DESCRIPTOR METRICS

AVERAGE PRODUCTIVE WORK HOURS PER ASL

		ORDINARY TIME (0's)		OVERTIME (0's)	
		PER ASL	HOURLY RATE PER ASL	PER ASL	HOURLY RATE PER ASL
		2016-17	2016-17	2016-17	2016-17
CORPORATE OVERHEADS	Executive manager Senior manager Manager Professional Semi professional Support staff Intern, junior staff, apprentice				

NETWORK OVERHEADS	Executive manager Senior manager Manager Professional Semi professional Support staff Intern, junior staff, apprentice	[redacted]
TOTAL DIRECT NETWORK LABOUR	Skilled electrical worker Skilled non electical worker Apprentice Unskilled worker	

2.12 INPUT TABLES

		DIRECT MATERIAL EXPENDITURE ($0's)	DIRECT LABOUR EXPENDITURE ($0's)	CONTRACT EXPENDITURE ($0's)	OTHER EXPENDITURE ($0's)	RELATED PARTY CONTRACT EXPENDITURE ($0's)	RELATED PARTY CONTRACT MARGIN
		2016-17	2016-17	2016-17	2016-17	2016-17	2016-17
VEGETATION MANAGEMENT	ZONE 1						
ROUTINE MAINTENANCE	Transmission Lines Maintenance	6,843	861,365	1,692,739	141,883		
	Substations Equipment & Property Maintenance	215,088	1,529,427	3,207,902	332,858		
	SCADA & Network Control Maintenance	16,621	258,486	263,693	18,665		
	Protection Systems Maintenance	(20)	598,047	829,179	47,520		
NON-ROUTINE MAINTENANCE	Transmission Lines Maintenance	11,015	382,381	2,044,636	(17,673)		
	Substations Equipment & Property Maintenance	622,411	1,975,443	3,614,329	374,481		
	Scada & Network Control Maintenance	39,407	234,226	172,204	39,536		
	Protection Systems Maintenance	31,358	29,374	463,648	3,126		
OVERHEADS	Network Overheads						
	Corporate Overheads						
AUGMENTATION	Subtransmission Substations: Switching Stations - Zone Substations						
	Subtransmission Lines						
	HV Feeders						
	Other Assets						
CONNECTIONS	All New Customer Connections						
REPLACEMENT	Transmission Towers	781,284	3,484	-	0		
	Transmission Tower Support Structures	6,794,744	1,787,261	5,200,507	2,018,579		
	Conductors	325,723	22,012	-	16,553		
	Transmission Cables	-	-	-	-		
	Substation Switchbays	18,505,580	4,410,712	5,120,122	2,507,483		
	Substation Power Transformers	23,081,367	2,491,410	4,222,557	868,853		
	Substation Reactive Plant	(99,538)	(311,406)	(70,191)	(16,182)		
	SCADA network control and protection systems	13,743,771	6,586,729	1,732,577	5,730,093		
	Other	3,819,588	1,442,552	1,863,083	1,249,072		
NON-NETWORK EXPENDITURE	IT and communications						
	Motor Vehicles				1,424,231		
	Buildings And Property						
	Other						

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5.2 ASSET AGE PROFILE

There is ONE table on this worksheet. Both ROWS and COLUMNS have been 'grouped' for easy navigation. See the *Instructions* sheet on how to group or ungroup data.

TABLE 5.2.1 - ASSET AGE PROFILE

		ECONOMIC LIFE (YEARS)		INSTALLED ASSETS -> QUANTITY CURRENTLY IN COMMISSION BY YEAR								
ASSET GROUP	ASSET CATEGORY	MEAN	STANDARD DEVIATION	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09
TRANSMISSION TOWERS												
Highest operating voltage; Circuit configuration	< = 33 kV; Single Circuit											
	> 33 kV & < = 66 kV ; Single Circuit	70.0	12.5									
	> 66 kV & < = 132 kV ; Single Circuit	70.0	12.5									
	> 132 kV & < = 275 kV ; Single Circuit	70.0	12.5									
	> 275 kV & < = 330 kV ; Single Circuit	70.0	12.5									
	> 330 kV & < = 500 kV ; Single Circuit	70.0	12.5									
	> 500 kV ; Single Circuit											
	< = 33 kV; Multiple Circuit											
	> 33 kV & < = 66 kV ; Multiple Circuit	70.0	12.5									
	> 66 kV & < = 132 kV ; Multiple Circuit											
	> 132 kV & < = 275 kV ; Multiple Circuit	70.0	12.5									
	> 275 kV & < = 330 kV ; Multiple Circuit											
	> 330 kV & < = 500 kV ; Multiple Circuit	70.0	12.5									
	> 500 kV ; Multiple Circuit											
	Other											
TRANSMISSION TOWER SUPPORT STRUCTURES BY:												
Highest operating voltage; Circuit configuration	< = 33 kV; Single Circuit	-	-	-	-	-	-	-	-	-	-	-
	> 33 kV & < = 66 kV ; Single Circuit	-	-	-	-	-	-	-	-	-	-	-
	> 66 kV & < = 132 kV ; Single Circuit	-	-	-	-	-	-	-	-	-	-	-
	> 132 kV & < = 275 kV ; Single Circuit	70.0	12.5	-	-	-	12	249	-	15	-	-
	> 275 kV & < = 330 kV ; Single Circuit	70.0	12.5	-	-	-	-	3	-	-	-	-
	> 330 kV & < = 500 kV ; Single Circuit	70.0	12.5	-	-	-	-	102	3	6	-	-
	> 500 kV ; Single Circuit	-	-									
	< = 33 kV; Multiple Circuit	-	-									
	> 33 kV & < = 66 kV ; Multiple Circuit	-	-									
	> 66 kV & < = 132 kV ; Multiple Circuit	-	-									
	> 132 kV & < = 275 kV ; Multiple Circuit	70.0	12.5	-	-	-	2	108	12	-	12	-
	> 275 kV & < = 330 kV ; Multiple Circuit	-	-									
	> 330 kV & < = 500 kV ; Multiple Circuit	70.0	12.5	-	-	-	-	-	-	-	-	-
	> 500 kV ; Multiple Circuit	-	-	-	-	-	-	-	-	-	-	-
	Other	-	-	-	-	-	-	-	-	-	-	-
CONDUCTORS BY:												
Voltage; Maximum continuous rating	< = 33 kV ; < = 100 MVA											
	< = 33 kV ; > 100 MVA & < = 400 MVA											
	< = 33 kV ; > 400 MVA											
	> 33 kV & < = 66 kV ; < = 100 MVA	60.0	15.0									
	> 33 kV & < = 66 kV ; > 100 MVA & < = 400 MVA	60.0	15.0									
	> 33 kV & < = 66 kV ; > 400 MVA											
	> 66 kV & < = 132 kV ; < = 100 MVA											
	> 66 kV & < = 132 kV ; > 100 MVA & < = 400 MVA											
	> 66 kV & < = 132 kV ; > 400 MVA											
	> 132 kV & < = 275 kV ; < = 200 MVA											
	> 132 kV & < = 275 kV ; > 200 MVA & < = 600 MVA	60.0	15.0									
	> 132 kV & < = 275 kV ; > 600 MVA	60.0	15.0									
	> 275 kV & < = 330 kV ; < = 800 MVA											
	> 275 kV & < = 330 kV ; > 800 MVA & < = 1200 MVA	60.0	15.0									
	> 275 kV & < = 330 kV ; > 1200 MVA											
	> 330 kV & < = 500 kV ; < = 1000 MVA											

	[illegible]	60.0	15.0
	> 500 kV ; > 2000 MVA & < = 3000 MVA		
	> 500 kV ; > 3000 MVA		
	Other	60.0	15.0
TRANSMISSION CABLES BY: Highest operating voltage; Insulation type			
	< = 33 kV; Oil Filled		
	> 33 kV & < = 66 kV ; Oil Filled		
	> 66 kV & < = 132 kV ; Oil Filled		
	> 132 kV & < = 275 kV ; Oil Filled	60.0	15.0
	> 275 kV & < = 330 kV ; Oil Filled		
	> 330 kV & < = 500 kV ; Oil Filled		
	> 500 kV ; Oil Filled		
	< = 33 kV; XLPE Insulated		
	> 33 kV & < = 66 kV ; XLPE Insulated		
	> 66 kV & < = 132 kV ; XLPE Insulated		
	> 132 kV & < = 275 kV ; XLPE Insulated	60.0	15.0
	> 275 kV & < = 330 kV ; XLPE Insulated		
	> 330 kV & < = 500 kV ; XLPE Insulated		
	> 500 kV ; XLPE Insulated		
	< = 33 kV; Other Insulated		
	> 33 kV & < = 66 kV ; Other Insulated		
	> 66 kV & < = 132 kV ; Other Insulated		
	> 132 kV & < = 275 kV ; Other Insulated		
	> 275 kV & < = 330 kV ; Other Insulated		
	> 330 kV & < = 500 kV ; Other Insulated		
	> 500 kV ; Other Insulated		
	Other		
SUBSTATION SWITCHBAYS BY: Highest operating voltage; Switch type			
	< = 33 kV; Air Insulated circuit Breaker	45.0	5.0
	> 33 kV & < = 66 kV ; Air Insulated circuit Breaker	45.0	5.0
	> 66 kV & < = 132 kV ; Air Insulated circuit Breaker		
	> 132 kV & < = 275 kV ; Air Insulated circuit Breaker	45.0	5.0
	> 275 kV & < = 330 kV ; Air Insulated circuit Breaker	45.0	5.0
	> 330 kV & < = 500 kV ; Air Insulated circuit Breaker	45.0	5.0
	> 500 kV ; Air Insulated circuit Breaker		
	< = 33 kV; Air Insulated Isolators / Earth Switch	45.0	5.0
	> 33 kV & < = 66 kV ; Air Insulated Isolators / Earth Switch	45.0	5.0
	> 66 kV & < = 132 kV ; Air Insulated Isolators / Earth Switch		
	> 132 kV & < = 275 kV ; Air Insulated Isolators / Earth Switch	45.0	5.0
	> 275 kV & < = 330 kV ; Air Insulated Isolators / Earth Switch	45.0	5.0
	> 330 kV & < = 500 kV ; Air Insulated Isolators / Earth Switch	45.0	5.0
	> 500 kV ; Air Insulated Isolators / Earth Switch		
	< = 33 kV; VT	40.0	6.0
	> 33 kV & < = 66 kV ; VT	40.0	6.0
	> 66 kV & < = 132 kV ; VT		
	> 132 kV & < = 275 kV ; VT	40.0	6.0
	> 275 kV & < = 330 kV ; VT	40.0	6.0
	> 330 kV & < = 500 kV ; VT	40.0	6.0
	> 500 kV ; VT		
	< = 33 kV; CT	40.0	6.0
	> 33 kV & < = 66 kV ; CT	40.0	6.0
	> 66 kV & < = 132 kV ; CT		
	> 132 kV & < = 275 kV ; CT	40.0	6.0
	> 275 kV & < = 330 kV ; CT	40.0	6.0
	> 330 kV & < = 500 kV ; CT	40.0	6.0
	> 500 kV ; CT		
	< = 33 kV; GIS Module	50.0	5.0
	> 33 kV & < = 66 kV ; GIS Module	50.0	5.0
	> 66 kV & < = 132 kV ; GIS Module		
	> 132 kV & < = 275 kV ; GIS Module	50.0	5.0
	> 275 kV & < = 330 kV ; GIS Module		
	> 330 kV & < = 500 kV ; GIS Module	40.0	5.0
	> 500 kV ; GIS Module		
	Other	40.0	5.0
SUBSTATION POWER TRANSFORMERS BY: Highest operating voltage; Ampere rating			
	< = 33 kV ; < = 10 MVA	60.0	10.0
	< = 33 kV ; > 10 MVA & < = 30 MVA		
	< = 33 kV ; > 30 MVA	50.0	10.0

	[illegible]		
	[illegible]		
	[illegible]	10.0	
	> 66 kV & < = 132 kV ; < = 30 MVA		
	> 66 kV & < = 132 kV ; > 30 MVA & < = 60 MVA		
	> 66 kV & < = 132 kV ; > 60 MVA		
	> 132 kV & < = 220 kV ; < = 50 MVA	50.0	10.0
	> 132 kV & < = 220 kV ; > 50 MVA & < = 100 MVA	50.0	10.0
	> 132 kV & < = 220 kV ; > 100 MVA	50.0	10.0
	> 220 kV & < = 275 kV ; < = 50 MVA		
	> 220 kV & < = 275 kV ; > 50 MVA & < = 100 MVA		
	> 220 kV & < = 275 kV ; > 100 MVA		
	> 275 kV & < = 330 kV ; < = 100 MVA	50.0	10.0
	> 275 kV & < = 330 kV ; > 100 MVA & < = 250 MVA	50.0	10.0
	> 275 kV & < = 330 kV ; > 250 MVA	50.0	10.0
	> 330 kV & < = 500 kV ; < = 150 MVA	50.0	10.0
	> 330 kV & < = 500 kV ; > 150 MVA & < = 300 MVA	50.0	10.0
	> 330 kV & < = 500 kV ; > 300 MVA	50.0	10.0
	> 500 kV ; < = 1000 MVA	50.0	10.0
	> 500 kV ; > 1000 MVA & < = 1500 MVA		
	> 500 kV ; > 1500 MVA		
	Other	50.0	10.0
SUBSTATION REACTIVE PLANT BY:			
Highest operating voltage; Function	< = 33 kV; SVCS		
	> 33 kV & < = 66 kV ; SVCS		
	> 66 kV & < = 132 kV ; SVCS		
	> 132 kV & < = 275 kV ; SVCS	40.0	5.0
	> 275 kV & < = 330 kV ; SVCS		
	> 330 kV & < = 500 kV ; SVCS		
	> 500 kV ; SVCS		
	< = 33 kV; Capacitors	40.0	5.0
	> 33 kV & < = 66 kV ; Capacitors	40.0	5.0
	> 66 kV & < = 132 kV ; Capacitors		
	> 132 kV & < = 275 kV ; Capacitors	40.0	5.0
	> 275 kV & < = 330 kV ; Capacitors	40.0	5.0
	> 330 kV & < = 500 kV ; Capacitors		
	> 500 kV ; Capacitors		
	< = 33 kV; Oil Filled Reactors	40.0	5.0
	> 33 kV & < = 66 kV ; Oil Filled Reactors	40.0	5.0
	> 66 kV & < = 132 kV ; Oil Filled Reactors		
	> 132 kV & < = 275 kV ; Oil Filled Reactors	40.0	5.0
	> 275 kV & < = 330 kV ; Oil Filled Reactors	40.0	5.0
	> 330 kV & < = 500 kV ; Oil Filled Reactors	40.0	5.0
	> 500 kV ; Oil Filled Reactors		
	Other	34.0	2.0
SCADA, NETWORK CONTROL AND PROTECTION SYSTEMS BY:			
Function	Communications Network Assets	24.0	5.0
	Master Station Assets		
	Control equipment / systems	20.0	5.0
	Infrastructure: protection and control	20.0	5.0
	Metering systems	20.0	5.0
	OPGW	35.0	6.5
	Protection schemes / systems	25.0	5.0
	Site establishment		
	Station SCADA and control systems	12.0	2.5
	Telecommunications Network / Systems		
	Total secondary systems	20.0	5.0
	Other	20.0	5.0
OTHER BY:			
TNSP defined	GENERATORS AND MOTORS	20.0	5.0
	INFRASTRUCTURE : COMPRESSOR	20.0	5.0
	INFRASTRUCTURE : Earth Grid	60.0	18.0
	OTHER: NEUTRAL EARTH COMPENSATORS/RESISTORS	20.0	5.0
	OTHER : SURGE DIVERTERS < = 33 kV ;	40.0	5.0
	OTHER : SURGE DIVERTERS > 33 kV & < = 66 kV ;	40.0	5.0
	OTHER : SURGE DIVERTERS > 66 kV & < = 132 kV ;		
	OTHER : SURGE DIVERTERS > 132 kV & < = 275 kV ;	40.0	5.0
	OTHER : SURGE DIVERTERS > 275 kV & < = 330 kV ;	40.0	5.0
	OTHER : SURGE DIVERTERS > 330 kV & < = 500 kV ;	40.0	5.0

OTHER: < = 33 kV ; BUS	40.0	5.0	
OTHER: > 33 kV & < = 66 kV ; BUS	40.0	5.0	
OTHER: > 66 kV & < = 132 kV ; BUS			
OTHER: > 132 kV & < = 275 kV ; BUS	40.0	-	
OTHER: > 275 kV & < = 330 kV ; BUS	40.0	5.0	
OTHER: > 330 kV & < = 500 kV ; BUS	40.0	5.0	
Station Property & Civil Infrastructure	45.0	5.0	
Other - Bus Gas Ins & Surge Diverter Ins	40.0	5.0	

2007-08	2006-07	2005-06	2004-05	2003-04	2002-03	2001-02	2000-01	1999-00	1998-99	1997-98	1996-97	1995-96	1994-95	1993-94	1992-93	1991-92	1990-91	1989-90	1988-89	1987-88	1986-87	1985-86	1984-85	1983-84
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	153	-	501	-
13	-	-	-	-	24	-	-	9	-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	6	-	-	-	6	432	2,061	468	624
36	-	6	-	-	-	-	-	-	-	24	-	-	132	120	-	-	-	-	1,464	243	396	-	360	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	60	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1982-83	1981-82	1980-81	1979-80	1978-79	1977-78	1976-77	1975-76	1974-75	1973-74	1972-73	1971-72	1970-71	1969-70	1968-69	1967-68	1966-67	1965-66	1964-65	1963-64	1962-63	1961-62	1960-61	1959-60	1958-59
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	12	636	381	15	-	3	-	42	24	918	12	21	504	1,134	24	9	534	18	3	3,061	834	114	-	-
3	-	-	546	-	-	-	-	-	-	-	6	-	-	-	1,317	1,866	861	120	-	12	-	-	-	856
225	3,831	909	36	-	-	-	-	3	15	102	-	-	3,438	-	3,071	126	9	6	-	150	27	-	-	-
270	-	3,900	378	198	-	1,206	-	24	555	18	84	384	395	792	780	3,156	1,485	4,823	753	1,797	711	-	-	-
-	4,086	-	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1957-58	1956-57	1955-56	1954-55	1953-54	1952-53	1951-52	1950-51	1949-50	1948-49	1947-48	1946-47	1945-46	1944-45	1943-44	1942-43	1941-42	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36	1934-35	1933-34
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87	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	72	-	6	-	1,653	-	-	5,136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1932-33	1931-32	1930-31	1929-30	1928-29	1927-28	1926-27	1925-26	1924-25	1923-24	1922-23	1921-22	1920-21	1919-20	1918-19	1917-18	1916-17	1915-16	1914-15	1913-14	1912-13	1911-12	1910-11
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Return selection to

FOR AMENDED SUBMISSIONS ONLY

Mark selection as AMENDED

Return selection to NON-AMENDED

5.3 MAXIMUM DEMAND AT NETWORK LEVEL

5.3.1 - RAW AND WEATHER CORRECTED COINCIDENT MD AT NETWORK LEVEL (Summed at transmission connection point)

	UNIT	2016-17
Raw network coincident MD	MW	
Date MD occurred		
Half hour time period MD occurred		
Winter/summer peaking		
Embedded generation	MW	
Weather corrected (10% POE) network coincident MD	MW	
Weather corrected (50% POE) network coincident MD	MW	

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5.4 MAXIMUM DEMAND AND UTILISATION AT SPATIAL LEVEL

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Return selection to

FOR AMENDED SUBMIS

Mark selection as AMENDED

Return selection to NON-

There is ONE table on this worksheet. It has been sub-grouped into blocks of approximately 1000 rows for ease of navigation. See the *Instructions* sheet on how to group or ungroup data.

TABLE 5.4.1 NON-COINCIDENT & COINCIDENT MAXIMUM DEMAND

CONNECTION POINT	FORECASTING ELEMENTS	UNIT	MAX DEMAND	2016-17
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
	Raw Adjusted MD	MW	Non-Coincident	
			Coincident	
	Raw Adjusted MD	MVA	Non-Coincident	
			Coincident	
	Date MD occurred		Non-Coincident	
			Coincident	
	Half hour time period MD occurred		Non-Coincident	
			Coincident	
	Winter/Summer Peaking		Non-Coincident	
			Coincident	
	Adjustments - Embedded generation	MW	Non-Coincident	
			Coincident	
	Weather Corrected MD 10% POE	MW	Non-Coincident	
			Coincident	
	Weather Corrected MD 10% POE	MVA	Non-Coincident	
			Coincident	
	Weather Corrected MD 50% POE	MW	Non-Coincident	
			Coincident	
	Weather Corrected MD 50% POE	MVA	Non-Coincident	
			Coincident	
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
<Enter connection point name>	Connection Point Rating	MVA	Non-Coincident	
			Coincident	
