Summary

					\$ Nominal				
		Assessmen	t Period		Re	egulatory Period			
Service Categories	Related Capex Categories	2013	2014	2015	2016	2017	2018	2019	Total
	Major projects	14,345,931	36,329,200	39,442,210	21,068,117	15,623,131	26,960,804	8,354,396	
	Reinforcement	-	-	-	-	-	-	-	
(a) Provide and operate network infrastructure	Replacement	<u>-</u>	-	-	-	-	-	-	
between input and offtake connection points and	Customer connection	<u>-</u>	_	_	_	-	-	-	
deliver electricity through the network	Underground conversions	_	_	_	_	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	Subtotal	14,345,931	36,329,200	39,442,210	21,068,117	15,623,131	26,960,804	8,354,396	
	Matanagatasta								
	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
N Provide lead management assistant	Replacement	-	-	-	-	=	-	-	
) Provide load management services	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	=	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	
	Major projects	-	_	-	-	-	-	_	
	Reinforcement	<u>-</u>	_	<u>-</u>	-	-	-	-	
	Replacement	_	_	<u>-</u>	_	-	<u>-</u>	_	
) Provide connection services, including changes	Customer connection	_		_	_	_	_	_	
connection point capacity and/or reliability	Underground conversions							_	
	Asset acquisitions		<u>.</u>	-	_	_	_	_	
	Subtotal	-							
	Gabiotai								
	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
l) Provide for rearrangement of network assets at	Replacement	-	-	-	-	-	-	-	
d party request (includes undergrounding)	Customer connection	<u>-</u>	-	-	-	-	-	-	
a party request (menades andergreamang)	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	=	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	
	Major projects		_	_	_	_	_	_	
	Reinforcement	·	•	•	•	•	•	•	
) Optionally, provide an additional service (or	Replacement	<u>-</u>	-	•	•	•	•	•	
ervices if necessary) to those listed in (a) – (d),	·	•	•	•	•	•	•	•	
pecified by the CPP applicant	Customer connection	-	-	-	-	-	-	-	
poomoa by the of tappheant	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions Subtotal	-	-	-	-	-	-	-	
	Jubiolai	-	<u> </u>	-	<u> </u>	<u> </u>	-	-	
	Total Capex	14,345,930.50	36,329,199.81	39,442,210.24	21,068,116.59	15,623,131.10	26,960,803.67	8,354,395.58	111,448,65

Project/Programme Name:

Project/Programme Description:

Subtransmission reinforcement to provide for increased capacity and security of supply in northern Christchurch

Policy Reference:

Service Category:

(a) Provide and operate network infrastructure Capex Category:

Major Projects

	Ī							····!·· - I (- ···· - (A)						
							No.	ominal terms (\$)		Next Pe	eriod			
			Cur	rent Period (Act	ual)		Assessme (Fore				Period (Foreca	ıst)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
			•	-	-	-	-	-	-	-				-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)		-	-		-	-		-	-			-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	11,348,748	19,640,769	12,790,722	-	-		32,431,49
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-		-		-	-	-	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dilat / Communications Circuits													
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	•	-	-	-
transformers	Substations													
	Zone sub land		-	-		-	-	515,205	-	-			-	-
	Zone sub site development and buildings	-	-	-	-	-	-	268,750	2,139,239	254,360	-	2,920,118	-	5,313,717
	Power Transformers	-	-	-	-	-	-	-	1,638,628	-	-	3,913,726	-	5,552,353
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	93,684	26,484	-	212,824	-	332,992
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	19,716	-	-	21,767	-	41,48
	Other items Subtotal	-	-	-	-	-	-	12,132,703	23,532,036	13,071,566	-	7,068,435	-	43,672,037
								, , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7. 7		,		
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-		
	11 kV Underground cables (XLPE)	-	-	-	-	-	2,101	-	102,518	61,253	-	103,469	-	267,240
Distribution as to sale in about a distribution	Distribution Substations													
Distribution network including distribution transformers														
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	5,894	6,336	-	6,985	-	19,21
	Distribution substations mount (pole)	-	-	-	-	-	-	-	15,913	-	-	- 0,983	-	15,913
	Distribution substations mount (pad)	-		-	-	•	23,658	-	-	-	-	37,720	-	37,720
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	18,000 43,760	-	124,325	67,589	-	148,174	-	340,08
		_	_	_	_	_	43,700		124,323	07,303	_	140,174		340,00
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	973,599	- 181,095	-	790,613	-	1,945,30
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	780,317	161,095	-	2,808,861	-	3,589,178
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	1,753,916	181,095	-	3,599,474	-	5,534,48
	Subiolai		-	-	-			- 1	1,755,910	101,095		3,399,474		3,334,400
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE) Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
	Displa Injection Dispt								24.4.024			220 242		454.00
	Ripple Injection Plant SCADA and communications equipment	-	-	-	-	-	-	-	214,921 31,083	-	-	239,343 35,630	-	454,26 66,71
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators		-	-	-		2,855,000	-	-	916,088	-	-	-	916,08
Supporting or secondary systems	Easements	-	-	-	-	-	2,855,000	-	-	916,088	-	-	-	916,08
	Load management systems	-	-	-	-	-	-	-	-	-	-	i	-	
	Asset management systems Subtotal	-	-	-	-	-	2,855,000	-	246,004	916,088	-	274,973	-	1,437,06
	Subiolai						2,000,000		440,004	310,000		۵۱۹,۵۱۵		1,+31,00
	Total Project/Programme	-	-	-	-	-	2,898,760	12,132,703	25,656,281	14,236,338	-	11,091,055	-	50,983,67
	1						Nic	ominal terms (\$)						
							1100	α. τοιτιίο (ψ)		Next Pe	oriod			

						No	minal terms (\$)	1					
									Next P	eriod			
		Cur	rent Period (Act	tual)		Assessme (Fore			СРЕ	Period (Forec	ast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	•	-	-	-	-	-	-	-	•	-	-	-
Related party	-	•		-	-	-	-	-	-	•	-	-	-
Other sources	-	-	-	-	-	-	-	-		-	-	-	-
To be tendered	-	-	-	-	-	2,898,760	12,132,703	25,656,281	14,236,338	-	11,091,055	-	50,983,674
Total Project/Programme	-	-	-	-	-	2,898,760	12,132,703	25,656,281	14,236,338	-	11,091,055	-	50,983,674

Project/Programme Name:
Project/Programme Description:
Subtransmission reinforcement to provide for increased capacity and security of supply in Dallington

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

							No	minal terms (\$)					
			Curre	nt Period (Act	ual)		Assessme			Next F	Period Period (Forec	ast)		
Accet Category	Accest Tyme	FY08	EV00	EV40	FY11	EV40	(Fore	FY14	FY15	FY16	FY17		FY19	Total (CPF
Asset Category	Asset Type		FY09	FY10 -	-	FY12 -				-	-	FY18 -		Period)
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-		-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal		-	-	-	-	-	-			-		-	-
	Subtransmission													
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	350	6,540,000	10,132,727	-	-	-	-	-	-
	33 kV Overhead lines (wood pole) 33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	<u> </u>	-	<u> </u>	-	-
Sub-transmission naturals including name	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	Substations													
	Zone sub land Zone sub site development and buildings	-	-	-	-	-	2,288,939	107,500	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection (electromechanical)		-	-		-	-	-		-	-	-	•	-
	Protection (digital) Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	21,032	-	-	-	-	-	-	-
	Other items Subtotal	-	-	-	-	- 350	8.849.972	10.240.227	-	<u>-</u>	-	-	-	-
	Subilital	-	- 1	- 1	•	330	0,049,972	10,240,221	-		-		-	-
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	_
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Substations													
Distribution network including distribution transformers	Distribution Substations													
transionners	Distribution transformers (pole, 1ph/2ph/3ph)		-	-		-	-	-		-	-	-		-
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-		-
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subiolai	-	- 1	- 1	-	-	-	- 1	-	-	-		-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	1,101,842	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	1,101,842	-	-	-	-	-	-	-
	Subiolai		- 1	- !			1,101,042		-	-	-	-		
	LV Overhead lines (wood pole)		-	-		-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE) Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-		-	-	-	-	-	-	-	
	SCADA and communications equipment	-	-	-	-	-	31,798	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	- :
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	-	-	-	31,798	-	-	-	-	-	-	-
				ı			, , , , , , ,	ı						•
	Total Project/Programme	-	-	-	-	350		10,240,227	-	-	_	-	-	-

						No	ominal terms (\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	•	-	-	-	-	-
Other sources	-	-	-	-	350		-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	9,983,612	10,240,227	-	-	-	-	-	-
Total Project/Programme	-	-	-	-	350	9,983,612	10,240,227	-	-	-	-	-	-

Project/Programme Name:

Project/Programme Description:

Subtransmission reinforcement to provide for increased capacity and security of supply in western Christchurch

Policy Reference:

Service Category:

(a) Provide and operate network infrastructure Capex Category:

Major Projects

		r												
							No.	ominal terms (\$)	Next F	Period			
			Curre	ent Period (Ac	tual)		Assessme (Fore				Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-		-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	Cubiranismodion													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers) 66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	<u> </u>	195,662	-	-	195,662
	00 KV Oriderground Cables (ALFL)	-	-	-	-	-	_	-	-	<u> </u>	-	-	-	
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	106,447	-	-	106,447
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-		-		-	
Sub-transmission network including power														
transformers	Substations													
	Zone sub land	-	-	-	-		-	-	106,459	110,349	-	-	-	216,808
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	1,965,925	-	-	1,965,925
	Power Transformers	-	-	-	-	-	-	-	-	-	3,341,357	-	-	3,341,357
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	-	-	58,676	<u> </u>	-	58,676
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	- 30,070
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	21,091	-	-	21,09
	Other items	-	-	-	-	-	-	-	-	- 440.040		-	-	-
	Subtotal	-	-	-	-	-	-	-	106,459	110,349	5,689,159	-	-	5,905,967
	Distribution Conductors													
	11 kV Overhead lines (wood pole)						-							
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	61,308	-	-	61,308
	, , ,	•	•				•	•			, , , , , , , , , , , , , , , , , , , ,			
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	ı	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad) Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	61,308	-	-	61,308
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	389,627	-	-	389,627
Cuitabasas (All valtages)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	804,555	-	-	804,555
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	1,194,183	-	-	1,194,183
	Subiolai	<u> </u>							_		1,194,103			1,134,100
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-		-	-	-	-	-		176,754	-	-	176,754
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	-	-	-	34,206	-	-	34,206
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset management systems	-	-	-	-	-	-	-	-		-		-	-
	Subtotal	-	-	-	-	-	-	-	-	-	210,960		-	210,960
	Total Prainct/Pro-	1	1					1	100 150	440.040	7.455.000			7.070.11
	Total Project/Programme	-	-	-	-	-	-	-	106,459	110,349	7,155,609	-	-	7,372,41
							N	ominal terms (t۱					

						No	ominal terms (\$)					
									Next P	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period ecast)		СРР	Period (Forec	ast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-		-	-	-	-
Other sources	-	-	-	-	-	-	-	106,459	110,349	-	-	-	216,808
To be tendered	-	-	-	-	-	-	-	-		7,155,609	-	-	7,155,609
Total Project/Programme	-	-	-	-	-	-	-	106,459	110,349	7,155,609	-	-	7,372,417

Project/Programme Name:
Project/Programme Description:
Subtransmission reinforcement to provide for increased capacity or security of supply in southeastern Christchurch

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

	[No	ominal terms (\$)					
			Curre	nt Period (Act	ual)		Assessme	ent Period		Next P	Period Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
•		-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Out to a series in a													
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	384,783	3,276,616	-	-	3,661,400
	33 kV Overhead lines (wood pole)	-	-	-			-	-	-		-			-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	532,296	220,698	-	-	-	752,994
	Zone sub site development and buildings Power Transformers	-	-	-	-	-	-	-	-	2,724,507	-	-	-	2,724,50
	Protection (electromechanical)	<u> </u>	-	-	-	-	-	-	-	-	-		-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	1	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items Subtotal	-	-	-	-	-	-	-	532,296	3,329,988	3,276,616	-	-	7,138,90
	Subiotal								332,290	3,329,900	3,270,010			7,130,90
	Distribution Conductors													
	44 I// Overhead lines (wood note)			-								-		
	11 kV Overhead lines (wood pole) 11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	<u>-</u>	-	-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)		-	-	-	-	-	-		-		-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	1	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subiotal				-				- 1					-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	1	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	- 0.000 770	-	-	-	- 0.000.77
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	2,989,772	-	-	-	2,989,772
					_									_
		-	-	-	-	-	-	-	-	-	-	-	-	
	11kV voltage regulators Subtotal								-	2,989,772	-	-	-	2,989,772
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	2,989,772	-	-	-	2,989,772
	11kV voltage regulators Subtotal LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	2,989,772	-	-	-	2,989,772
Low voltage distribution network	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	2,989,772	-	-	-	2,989,772
Low voltage distribution network	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (KLPE)	-	-	- - -	-	-	-	-	-	2,989,772	-	-	-	2,989,772
Low voltage distribution network	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal	- - - - -	-	-	-	-	-	-		2,989,772 - - - -	-	- - - -	-	2,989,772 - - - -
Low voltage distribution network	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant	-	-	- - - -		-	-			2,989,772 - - -	-	-	-	2,989,772
Low voltage distribution network	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal	- - - - - -					-		-	2,989,772 - - - - -	-	- - - - -	-	2,989,772 - - - - -
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant			-			-	-	-	2,989,772 - - - - - - - -	-	-	-	2,989,77; - - - - - - -
Low voltage distribution network Supporting or secondary systems	11kV voltage regulators LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators			-					-	2,989,772 	-			2,989,772
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (KLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements	-	-	-	-			-	-	2,989,772		-		2,989,772
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems			-					-	2,989,772 	-			2,989,772
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (KLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements	-		-				-	-	2,989,772	-	-		2,989,77:
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (KLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems Asset management systems Subtotal	-	-	-				-	-	2,989,772	-			2,989,772
	11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems Asset management systems							-		2,989,772	-			2,989,77:

						No	ominal terms (\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period ecast)		СРР	Period (Forec	ast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-		-	-	-	-
Other sources	-	-	-	-	-	-	-	532,296		-	-	-	532,296
To be tendered	-	-	-	-	-	-	-	-	6,319,760	3,276,616	-	-	9,596,376
Total Project/Programme	-	-	-	-	-	-	-	532,296	6,319,760	3,276,616	-	-	10,128,672

Project/Programme Name:
Project/Programme Description:
Subtransmission reinforcement to provide for increased capacity or security of supply in southern Christchurch

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

		[No	ominal terms (\$	5)					
Assert Category				Curre	nt Period (Act	ual)		Assessme	ent Period	-					
Assistance plan CDS for residual solds					<u> </u>				,						Total (CPP
Secretary of the first is broaded and the state of the	Asset Category	Asset Type													Period)
Septiment of the Comment of the Co	Assets owned by the EDB but installed at bulk							1							-
Springer															-
### 15 Comment (1997) 1997		Subtotal													-
File Commence Co															
Self-international including control (Self-international including c		Subtransmission													
State Company Compan															-
SO V Defendable Intelligence		oo iii o i o ii o ii o ii o ii o ii o													-
Start Underground ration (14PF)			-	-	-	-	-	_	-	-	-				
Prior Communications Circuss				1				1							-
Softendors Sof		33 KV Onderground cables (ALPE)	-	-	-	-	•	-	-	-	-	-	-	•	-
Special part of the property		Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Section Sect		Substations													
Zoo sub die devolopment and buildings Promot Transforment Promote Transforment P	- Transformoro														
Power Transformers												-			-
Principlical (pilopital)															-
Distribution network including distribution network including an included pole															-
Destribution network including distribution factorial interest (polit phi/phi/phi)															-
Destribution network including distribution remarks (PA) (Verticed lines (NDE)) Verticed lines (NDE)															-
Distribution retwork including distribution transformers (policy 1970) Distribution retwork including distribution transformers (policy 1970) Distribution retwork including distribution transformers (policy 1970) Distribution substations may retwork (policy 1970) Distributi															-
Tit Not Overhead lines (wood pole)		Subtotal	-	-	-	-	-	-	257,603	-	-	-	-	-	-
Distribution network including distribution transformers [poil of physical		Distribution Conductors													
Distribution network including distribution transformers [poil of physical		11 kV Overhead lines (wood pole)	_	-	_				-		_	_	_		_
Distribution transformers (pole, 1ph/2ph/3ph) - - - - - - - - -															-
Distribution transformers (pole, 1ph/2ph/3ph) - - - - - - - - -		Distribution Substations													
Distribution transformers (poid, phychyclyn)		Distribution Substations													
Distribution substations mount (pole)	transionners														-
Distribution substations mount (paid)															-
Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) / Indoor circuit breakers and switchgear (66/33f1kV)		Distribution substations mount (pad)													-
Surge Diverters (3ph, 66/35kV) / Air break isolators (66/35kV)															-
Indoor circuit breakers and switchgear (66/33/11kV)		Subilital	-	-	-	-	-		-	-	-	-	-		-
Outdoor circuit breakers and switchgear (66/33/11kV)															-
TIM/ Disconnectors & Dropout fuses								1							-
Low voltage distribution network Low voltage distribution network Low voltage distribution network Low voltage distribution network Low distributi	Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-			-	-		-
LV Overhead lines (wood pole)															-
LV Underground cables (XLPE)		Subiolai	-	- 1				-			-				-
Link Pillars & LV customer service connections															-
Ripple Injection Plant	Low voltage distribution network														-
SCADA and communications equipment Metering systems Supporting or secondary systems Supporting or secondary systems Supporting or secondary systems EDB-owned mobile substations and generators Easements Load management systems Subtotal			-	-	-	-	-	-	-	-	-	-	-	-	-
SCADA and communications equipment Metering systems Supporting or secondary systems Supporting or secondary systems Supporting or secondary systems EDB-owned mobile substations and generators Easements Load management systems Subtotal		Ripple Injection Plant		-		-	-			-		-	-		_
Power factor correction plant		SCADA and communications equipment							-						-
EDB-owned mobile substations and generators															-
Easements -	Supporting or secondary systems														-
Asset management systems		Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal															-
															-
Iotal Project/Programme -		-													
		Total Project/Programme	-	-	-	-	-	-	257,603	-	-	-	-	-	-

							No	ominal terms (\$	5)					
										Next F	Period			
			Curre	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРР	Period (Forec	ast)		Total (CPP
Project costs by source	F	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB		-		-	-	-	-	-		-	-	-	-	-
Related party		-		-	-	-	-	-		-	-	-	-	-
Other sources		-		-	-	-	-	257,603		-	-	-	-	-
To be tendered		-		-	-	-	-	-		-	-	-	-	-
Total Pro	oiect/Programme	-	-	-	-	-	-	257.603	-		-	-	-	-

Project/Programme Name:
Project/Programme Description:
Subtransmission reinforcement to restore capacity and security of supply in the Christchurch CBD

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

Assets owned by the EDB but installed at bulk supply points owned by others S 66	Asset Type	FY08 - -	Curre FY09	ent Period (Act	ual)		Assessme	ent Period		Next F				
Assets owned by the EDB but installed at bulk supply points owned by others S 66		-	FY09							CDD	Period (Forec	20+1		1
Assets owned by the EDB but installed at bulk supply points owned by others S 66		-	FY09				(Fore	,	=					Total (CPP
supply points owned by others S 66			-	FY10 -	FY11 -	FY12	FY13	FY14 -	FY15 -	FY16 -	FY17	FY18	FY19 -	Period)
supply points owned by others S 66	0.1		-	-	-	-	-	-	-	-	-	-	-	-
6 6	0.44-4-1	-	-	-	-	-	-	-	-	-	-	-	-	-
6 6	Subtotal	-	-	-	-	-	-	-	-		-	-	-	-
6 6		•		•				•						
6	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-		-	-	-
3	3 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
e de la companya del companya de la companya del companya de la co	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power														
transformers	Substations													
7	one sub land	-		-	-	-	-	-	-	-	-	-		
Z	Zone sub site development and buildings	-	-	-	-	-	-	-	532,296	-	-	-	-	532,296
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	Other items Subtotal	-	-	-	-	-	-	-	532,296	-	-	-	-	532,296
	Subiotai		-		-	-	-	- 1	552,290	-	-	-		332,290
<u> </u>	Distribution Conductors													
<u></u>	1 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	1 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-		<u> </u>
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-		-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
In	ndoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-		
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	1kV Disconnectors & Dropout fuses 1kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-		-
	VO 1 15 (1 1)													
	V Overhead lines (wood pole) V Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant			-		-	-	-	-	-	-	-		-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
M	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	asements	-	-	-	-	-	-	-	-	-	-	-	-	-
	oad management systems	-	-	-	-	-	-	-	-	-	-	-		-
Δ	Asset management systems Subtotal	-	-	-	-	-	-	-	-	-	-	-	<u>.</u>	-
	Subtotai	-	-	-	-	-		-	-	-		-		
	Total Project/Programme	-	_	-	-	-	-	-	532,296	-	-	-	-	532,296

						No	ominal terms (\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	532,296	-	-	-	-	532,296
Total Project/Programme	-	-	-	-	-	-	-	532,296	-	-	-	-	532,296

Project/Programme Name:
Project/Programme Description:
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Rolleston district

Policy Reference:
Service Category:
(a) Provide and operate network infrastructure
Capex Category:
Major Projects

	Ī						No	minal terms (\$)					
								(• •	Next F	Period			
			Curre	ent Period (Act	tual)		Assessme (Fore			СРР	Period (Foreca	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		•	-	-	-	-	-	-		-	-			-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-		-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	457,800	-	-	-	1,132,597	-	-	1,132,597
	66 kV Overhead lines (towers) 66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	oo ka ondorground dubles (AEI E)													
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	397,304	11,331	-	-	-	-	-	-	-	-	-
Sub-transmission network including power														
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	515,205	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	795,508	1,230,468	-	-		-	1,230,468
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	2,049,066	385,221	-	-	488,959	-	874,180
	Protection (digital)	-	-	-	-	-	-	76,250	381,723	-	56,942	9,403	-	448,068
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	19,716	-	-	-		19,716
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items Subtotal	-	-	397,304	11,331	<u> </u>	457,800	3,436,030	2,017,128	-	1,189,540	498,361	-	3,705,029
			'	,	,			-,,	_,_,,,,		.,,	,		-,,,,,,,,
	Distribution Conductors													
	11 kV Overhead lines (wood pole)		-	-	-	-	-	-	16,475		-		-	16,475
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	2,739,424	371,131	-	-	-	-	371,131
	Distribution Substations													
Distribution network including distribution transformers	Distribution Gubstations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-		•	-	-	-	
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	5,894	<u> </u>	-	-	-	5,894
	Distribution substations mount (pole)	-	-	-	-		-	29,606	15,913	-	-	-	-	15,913
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	68,316	-		-	-	-	-
	Subtotal	-	-	-	-	-	-	2,837,345	409,412	-	-	-	-	409,412
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	530,869	243,848	-	-	44,354	-	288,202
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-	-	-	-	50,000	807,723	1,170,476	-	757,550	132,779	-	2,060,804
	11kV voltage regulators	-	-	-	-	-	-	-	-		-	-	-	<u> </u>
	Subtotal	-	-	-	-	-	50,000	1,338,592	1,414,323	-	757,550	177,133	-	2,349,006
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-		-	
	LV Underground cables (XLPE)	-	-	-	-		-	-	-		-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	•	-	-	-	-	-	-	-	-	-	-	•	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	157,605	-		-	182,934	-	182,934
	SCADA and communications equipment	-	-	-	-	-	-	-	31,083	-	-	-	-	31,083
	Metering systems	-	-	-	-	-	-	12,400	-	<u> </u>	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-		-	<u> </u>	-	<u> </u>	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	-	-	-	-	170,005	31,083	-	-	182,934	-	214,017
	-			1	1									
	Total Project/Programme	-	-	397,304	11,331	-	507,800	7,781,973	3,871,947	-	1,947,089	858,429	-	6,677,465
	•							minal terms (

							No	minal terms (\$	5)					
										Next I	Period			
			Curr	ent Period (Ac	tual)		Assessme (Fore			СРЕ	Period (Forec	ast)		Total (CPP
Project costs by source	FY0	8	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	229,100	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	168,204	11,331	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	507,800	7,781,973	3,871,947	-	1,947,089	858,429	-	6,677,465
Total Project/Prog	ramme	-	-	397,304	11,331	-	507,800	7.781.973	3,871,947	-	1,947,089	858,429	-	6,677,465

Project/Programme Name: Project/Programme Description: Rural major projects - Hororata/Creyke 66kV
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Hororata/Darfield district

Project costs by source EDB

Related party
Other sources
To be tendered

Policy Reference: Service Category: Capex Category:

CPP8
(a) Provide and operate network infrastructure
Major Projects

							N	ominal terms (\$)					
			Curre	ent Period (Ac	tual)			ent Period			Period Period (Foreca	ast)		
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	(Fore	FY14	FY15	FY16	FY17	FY18	FY19	Total (CF Period)
isset outegory	Asset Type	-	-	-		-	-		-	-	-	-	-	- renou
ssets owned by the EDB but installed at bulk			-	-	-	-	-	-	-	-	-	-	-	
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
						•						•		
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	836,218	-	836,
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	86,801	-	-	-	-	86
	33 kV Overhead lines (wood pole)	-	-	-	-	-			-		-	-	-	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-		
							•	•				•		
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	284,712	-	-	284
	Zone sub land Zone sub site development and buildings	-	-	<u> </u>	-	-	-	-	180,278		204,712	1,428,468	319,261	1,928
	Power Transformers	-	-	-	-	-	-	-	958,465	-	-	488,959	-	1,447
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	408,391	19,408	427
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	21,767	-	21
	Other items	-	-		-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	1,225,544	-	284,712	3,183,802	338,669	5,032
	Distribution Conductors													
							1	1						
	11 kV Overhead lines (wood pole) 11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	29,107	24,174	29 24
	TT KV Oliderground cables (AEL E)	_	_	_	_	_		_	_	_	_	-	27,177	
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-		-	-	-	-	-		-	-		
	Distribution transformers (pole, 1pti/zpti/spti)	-	-		-	-	-	-	-	-	-	19,495		19
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	10,423	-	10
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal	-	-	-	-	-	-	-	-	-	-	59,026	24,174	83
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	51,848	-	-	326,401	176,804	555
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	181,611	-	-	616,405	-	798
	11kV Disconnectors & Dropout fuses 11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	•	-	-	-	-	233,459	-	-	942,807	176,804	1,353
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
	Ripple Injection Plant	-	-	-	-	-	-	-	163,824	-	-	-	378,677	542
	SCADA and communications equipment	-	-	-	-	-	-	-	-		-	35,630	-	35
	Metering systems	-	-	•	-	-	-	-	-	•	-	-	-	
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	
oupporting or accordingly systems	Easements	-	-		-	-	-	-	-	-	-	-		
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-		
	Asset management systems						-	-	163,824					578
	Asset management systems Subtotal	-	-	-	-	-		· -	103,024	-	-	35,630	378,677	07.
		-	-	-	-	-	-	-	1,622,827	-	284,712	4,221,264	918,325	
	Subtotal	-					-		1,622,827					

Current Period (Actual)

FY10

FY11

FY12

FY08

Total Project/Programme

FY09

Assessment Period

(Forecast)
FY13 FY14

FY15

1,622,827 1,622,827 CPP Period (Forecast)

284,712

FY16

FY17 FY18

Total (CPP

Period)

284,712

FY19

- 4,221,264 918,325 6,762,416 284,712 4,221,264 918,325 7,047,128

Project/Programme Name: Project/Programme Description:

Rural major projects - Central Plains
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Central Plains district

Project costs by source
EDB
Related party
Other sources
To be tendered

Policy Reference: Service Category: Capex Category:

(a) Provide and operate network infrastructure

Major Projects

							No	ominal terms (5)					
			0		·D			out Doubout		Next F	Period			
			Curre	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		CPP	Period (Fored	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	1,696,451	-	1,696,451
	66 kV Overhead lines (towers)	-	-	-	-		-	-	-		-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	Substations													
- Tansionnoio														
	Zone sub land Zone sub site development and buildings	<u> </u>	-	-	-	-	-	-	-	-	-	960,343	-	960,343
	Power Transformers	-	-	-	-	-	-	-	-	-	-	685,210	-	685,210
	Protection (electromechanical)	-	-	-	-		-	-	-		-	-	-	-
	Protection (digital) Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	88,151	-	88,151
	DC Supplies, batteries and inverters	-	-	-	-		-	-	-	-		15,237	-	15,237
	Other items Subtotal	-	-	-	-	-	-	-	-	-	-	3,445,393	-	3.445.393
												0,440,000		0,440,000
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	1,137,324	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-		-	-	-	-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)					-	1			-	-		-	
	Distribution transformers (pole, 191/291/3911)	-	-	-	-	-	-	-	-	-		-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad) Distribution substation mount (building & in customer building)	-	-	-	-	-	-	11,294	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	1,148,618	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-		-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	<u> </u>	-	1,137,278	-	1,137,278
	11kV bisconnectors & bropout ruses 11kV voltage regulators	-	-	-	-	-	-	236,952	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	236,952	-	-	-	1,137,278	-	1,137,278
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
, and the second	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	<u> </u>													
	Ripple Injection Plant SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	24,941	-	24,941
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Easements	-	-	-	-		-	-	-	-	-	-		
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	-	-	-	-	-	-	-	-	24,941	-	24,941
	-													
	Total Project/Programme	-	-	-	-	-	-	1,385,570	-	-	-	4,607,612	-	4,607,612
	[No	ominal terms (5)	.,	\			
			Curr	ent Period (Ac	tual)		Assassma	ent Period		Next F				
			Curr	Cit i Gilou (AC	tuai)		(Fore			CPF	Period (Fored	cast)		Total (CPP

FY08

Total Project/Programme

FY09

FY11

FY10

FY12

FY17 FY18

4,607,612 4,607,612

FY16

Total (CPP

Period)

4,607,612 4,607,612

FY19

(Forecast)
FY13 FY14

1,385,570 1,385,570

FY15

Project/Programme Name:
Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Springston district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure

Major Projects

	Г						No	ominal terms (\$)					
									.,	Next F	Period			1
			Curre	ent Period (Act	ual)			ent Period cast)		СРР	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-		-	-	-	-	-		-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)			-		-	-	-	696,031	-	-	-		696,031
	66 kV Overhead lines (towers)		-	-	-		-		-		-	-	-	-
	66 kV Underground cables (XLPE)		-	-			-		-		-	-	-	-
	33 kV Overhead lines (wood pole)		-	-	-	-		-	-	_	-	-	-	-
	33 kV Underground cables (XLPE)		-	-	-	-	-		-		-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-		-	_
Sub-transmission network including power	1 not / Communications circuits		_	_					_		_			
transformers	Substations													
	Zone sub land		-	-	-	-	100,000		-		-	-	-	_
	Zone sub site development and buildings	-	-	-	-	-	-	-	311,546	-	-	-	-	311,546
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	55,359	-	-	-	-	55,359
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items Subtotal	-	-	-	-	-	100,000	-	1.062.935	-	-	-	-	1,062,935
									, , , , , , , , , , , , , , , , , , , ,					, ,
	Distribution Conductors													
	11 kV Overhead lines (wood pole)		-	-	-		-		-		-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution as to add to death of an electrical	Distribution Substations													
Distribution network including distribution transformers														
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-		-		-		-	-	-	-
	Distribution substations mount (pad)	•	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	<u> </u>	-	-	-	-	-	-	257,572	-	-	-	-	257,572
Outlieb was an (All and the week)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	251,512
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	257,572	-	-	-	-	257,572
									201,012					201,012
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-		-			-		-	-	-	-	-	_
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting of secondary systems	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
									1					
	Total Project/Programme	-	-	-	-	-	100,000	-	1,320,508	-	-	-	-	1,320,508
	-							ominal torme (

						No	minal terms (\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore			СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	100,000	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	1,320,508	-	-	-	-	1,320,508
Total Project/Programme	-	-	-	-	-	100,000	-	1,320,508	-	-	-	-	1,320,508

Project/Programme Name:
Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Norwood district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure

Major Projects

	F						INC	ominal terms (P)					
			Curre	ent Period (Act	tual)		Assessme			Next F	Period (Forec	ast)		Т
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	(Fore	FY14	FY15	FY16	FY17	FY18	FY19	Total (CI Period
isset Category	Asset Type	- 1	-			-	-	-	- 1113	-		-	-	renou
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
													•	
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	3,288,895	3,288,
	66 kV Overhead lines (towers)	-	-	-		-	-	-	-	-	-	-	-	
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	103,677	103,
	33 kV Overhead lines (wood pole)	-		-	-	-		-		-	-		-	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	293,836	- 4 004 000	293,
	Zone sub site development and buildings Power Transformers	-	-	-	-	-	-	-	-	-	-	-	1,381,889 1,018,975	
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	1,010,
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	413,289	413,
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	22,465	- 00
	DC Supplies, batteries and inverters Other items	-	-	-	-	-	-	-	-	-	-	-	22,465	22,
	Subtotal	-	-	-	-	-	-	-	-	-	-	293,836	6,229,190	
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	11 kV Underground cables (XLPE)	-	-	-		-	-	-	-	-	-	-	56,918	56,
	Distribution Outstations													
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	7,334	
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substations mount (building & in customer building)	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-		-	-	•	-	-	-	64,252	
	D. D. (0.1.00/001) 0.41 1 1 1 (00/001) 0												22.242	
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	<u> </u>	-	-	-	-	-	-	-	-	-	-	36,318 297,224	
Outlebrase (All selfanes)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	416,812	
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-		-	-	•	-	-	-	-	
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	750,354	750,3
	Subtotal		- 1		-		<u> </u>	<u> </u>			-		750,354	750,
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
	Subiolai	-	- 1	-	-	-	· -	ı -	-	-	ı -	-	I -	1
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	189,338	
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	37,116	
	Metering systems Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	
	Easements	-	-	-	-	-	-	-		-	-	-	-	
	Load management systems	-	-	-	-		-	-	-	-	-	-	-	
	Asset management systems Subtotal	-	-		-	-	-	-	-	-	-	-	226,454	226,
	<u> </u>		· · · · · · · · · · · · · · · · · · ·				•							
	Total Project/Programme	-	-	-	-	-	-	-	-	-	_	202 020	7,270,250	7,564,

						No	ominal terms (\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	293,836	-	293,836
To be tendered	-	-	-	-	-	-	-	-	-	-	-	7,270,250	7,270,250
Total Project/Programme	-	-	-	-	-	-	-	-	-	-	293,836	7,270,250	7,564,086

Project/Programme Name:	Rural major projects - Power Factor
Project/Programme Description:	Plant to improve power factor in the rural network
Policy Reference:	CPP12
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

							No	ominal terms (\$	5)					
			Curre	ent Period (Ac	tual)		Assessme			Next F	Period Period (Foreca	ast)		$\overline{}$
set Category	Asset Type	FY08	FY09	FY10	FY11	FY12	(Fore	cast) FY14	FY15	FY16	FY17	FY18	FY19	Total (C Period
set Category	Asset Type		- 109		-	-	-	-		-	-	-		renoc
sets owned by the EDB but installed at bulk		-	-	-	ı	1	-	-	-	-	-	-	-	
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
	Subiotal		- 1					- 1			-			
	Subtransmission													
	2011/0 1 15 / 1 1													
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	4
	Pilot / Communications Circuits		-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power	1 HOLY COMMINGUIDING CITCUITS	-	-	-	-	•	-	-	-		-		•	1
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	4
	Zone sub site development and buildings Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	_
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection (digital)	-	-	-	-	•	-	-	-	-	-	-		
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	4
	Subtotal	-	-	-	-	-	-	- 1	-		-		-	+
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	4
	Distribution Substations													
Distribution network including distribution transformers														1
ti ansionners	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	4
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	_
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	ı	•	-	-	-	-	-	-	-	
							1							
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	_
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	<u> </u>	-	-	-	_
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Overhead lines (weed note)	-	-	-	-	-	-	-	-		-	-	-	
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	<u>-</u>	-	-	-	
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-]
	Di dati di Di d													
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	4
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	
	Power factor correction plant	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	75
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	4
	Asset management systems Subtotal	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	75
	Subtotal	-	- 1	-	-		-	121,002	133,544	144,911	131,303	130,327	100,020	
	Total Dusing Management	-	-	-	-	_	_	127,662	135,944	144,911	151,563	158,527	165,820	75
	Total Project/Programme	-	- 1							177,011	101,000	130,327		

						No	ominal terms (\$	5)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		CPF	Period (Forec	ast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	756,766
Total Project/Programme	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	756,766

Project/Programme Name:
Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Annat district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure

Major Projects

							No	ominal terms (\$)					
			Curre	nt Period (Act	ual)		Assessme	ent Period		Next F	Period Period (Forec	act)		
			= 1.00	=>			(Fore	,						Total (CPF
Asset Category	Asset Type	FY08 -	FY09	FY10 -	FY11 -	FY12	FY13	FY14 -	FY15	FY16	FY17	FY18 -	FY19 -	Period)
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
				•										
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	•	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-			-	-	-
Sub-transmission network including power	1 Hot / Communications Circuits	-	-	-	•	•	-	-	-	•	-	-	•	
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-			
	Zone sub site development and buildings	-	-	-		-	-	-	-	-	-	48,896	-	48,89
	Power Transformers	-	-	-	-	-	-	-	-	-	-	488,959	-	488,95
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital) Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-		-
	Other items	-	-	-	-	i	-	-	-	i	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	537,855	-	537,85
	Distribution Conductors													
	11 kV Overhead lines (wood pole)		-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	•	-	-	-	-	-	-	-	•	-
Distribution network including distribution	Distribution Substations													
transformers														
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-		-
	Distribution substations mount (pad)	-	-	-	-	i	-	-	-	i	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LVO code and the angles of the angles													
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-		-			-	-	-	-		-		-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-		-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	-	-	-	-	-	-	_	-	-	-	537,855	-	537,85

						N	ominal terms (\$)					
									Next F	Period			
		Curi	rent Period (Ad	ctual)			ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	-	-	-	537,855	-	537,855
Total Project/Program	ne -	-	-	-	-	-	-	-	-	-	537.855	-	537.855

Project/Programme Name:
Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in Banks Peninsula

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

Absent England College								N	ominal terms (\$)					
According to Acco									,	• •	Next F	Period			
Absent England College				Curre	ent Period (Ac	tual)					СРР	Period (Fored	ast)		Total (CPP
Application of the College of the	Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
Septiment to the service of the se															
Substitute Sub	Assets owned by the EDB but installed at bulk														-
Section Sect	supply points owned by others							1							-
Mile V Demonstration Contraction		Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile V Demonstration Contraction		Subtransmission													
St. N. Ownerhood ince, (doors)		Subitatistitission													
Section Sect															-
Sub-transmitted interaction for first profession															-
Sate Supering Control Fooding Control Sate Supering Control Sate Superin		66 KV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
Substance Control of growth Control of g		33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Control and Provided Recording Section			-	-	-	-	-	-	-	-	-	-	-	-	-
Control and Provided Recording Section		Dilat / Occasional institute Officials													
Section Solid So	Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
2000 2004		Substations													
2000 2004															
Power Transformers								1							254.71
Protection (electromechanical)															618,83
Octobrook including distribution relevant including and relev															
Discription Conductors			-	-	-	•	-	-	-	-	-	-	-	-	-
Derivation Conductors			-			•	-	1			-	-			-
Subtotal				_											-
Distribution network including distribution															
Till NV Overhead lines (vood pole)		Subtotal		1			I	1	400,270	070,040			I		070,01
Distribution network including distribution transformers (pile, 1sh/QshOgh) Distribution transformers (pile, 1sh/QshOgh) Distribution transformers (pile) Distribution transformers (pile) Distribution transformers (pile) Distribution substations mount (pile) Distribution substations and switchges (663311kV) Distribution substation substations and switchges (663311kV) Distribution substation substations and switchges (663311kV) Distribution substation su		Distribution Conductors													
Distribution network including distribution transformers (pile, 1sh/QshOgh) Distribution transformers (pile, 1sh/QshOgh) Distribution transformers (pile) Distribution transformers (pile) Distribution transformers (pile) Distribution substations mount (pile) Distribution substations and switchges (663311kV) Distribution substation substations and switchges (663311kV) Distribution substation substations and switchges (663311kV) Distribution substation su		11 kV Overhead lines (wood pole)	_	-	_	_	_		_	_		_	_	_	
Distribution network including distribution transformers (pole, 1ph/2ph/3ph)			-	-				-				-		1	-
Distribution transformers (pole, 1ph/2ph/3ph) - - - - - - - - -							•								
Distribution substations mount (pulling in customer building)	Distribution network including distribution	Distribution Substations													
Distribution transformers (pad)	transformers	Distribution transformers (pole 1ph/2ph/3ph)	_	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations mount (pad)															-
Distribution substation mount (building & in customer building)			-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems Substal Supporting or secondary systems Substal Supporting or secondary systems Substal Substa															
Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) -															
Indoor circuit breakers and switchgear (66/33/11kV)		Subitital		- 1			<u> </u>	1					·		
Outdoor circuit breakers and switchgear (66/33/11kV)		Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)													
Switchgear (All Voltages) I1kV Disconnectors & Dropout fuses								1							-
11kV voltage regulators	Switchgear (All voltages)														
Low voltage distribution network LV Overhead lines (wood pole)															1
Low voltage distribution network LV Underground cables (XLPE)				-				1				-			-
Low voltage distribution network LV Underground cables (XLPE)		IV Overhead France (word rade)													
Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems Subtotal Subtotal Subtotal Subtotal Link Pillars & LV customer service connections															-
Ripple Injection Plant	Low voltage distribution network							1							-
SCADA and communications equipment Metering systems Supporting or secondary systems Supporting or secondary systems EDB-owned mobile substations and generators Easements Load management systems Subtotal Subtotal Subtotal															
SCADA and communications equipment Metering systems Supporting or secondary systems Supporting or secondary systems EDB-owned mobile substations and generators Easements Load management systems Subtotal Subtotal Subtotal		Disabilities for Plant													
Metering systems Supporting or secondary systems Supporting or secon								1							-
Power factor correction plant								1							
Supporting or secondary systems EDB-owned mobile substations and generators				_											-
Load management systems - <td>Supporting or secondary systems</td> <td>EDB-owned mobile substations and generators</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td></td>	Supporting or secondary systems	EDB-owned mobile substations and generators		-		-		-			-	-		-	
Asset management systems								1							-
Subtotal															-
															-
Total Project/Programme 405,275 873,548 873,5												•			•
		Total Project/Programme	-	-	-	-	-	-	405,275	873,548	-	-	-	-	873,54

						No	ominal terms (\$	\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-		-	-	-	-	-
Other sources	-	-	-	-	-	-	-		-	-	-	-	-
To be tendered	-	-	-	-	-	-	405,275	873,548	-	-	-	-	873,548
Total Project/Programme	-	-	-	-	-	-	405,275	873,548	-	-	-	-	873,548

Project/Programme Name:

Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Southbridge district

Policy Reference: CPP15
Service Category: (a) Provide and operate network infrastructure
Capex Category: Major Projects

							No	minal terms (\$)					
			Curr	ent Period (Act	tual)		Assessme			Next F	Period (Forec	act)		
Accet Cotomorni	Accest Time	E)/00	F)/00	E)/40	E)/44	EV/40	(Fore	,	EV45		,		F)/40	Total (CPP
Asset Category	Asset Type	FY08 -	FY09 -	FY10 -	FY11 -	FY12 -	FY13	FY14 -	FY15 -	FY16 -	FY17 -	FY18 -	FY19 -	Period)
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-		-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	1,403,556	-	1,403,55
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-		-	-		
	33 kV Overhead lines (wood pole)	_		_	_	_	_	-			_	-	_	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dilat / Communications Circuits													
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	•	-	-	-
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	113,885	-	-	113,88
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	1,342,277	-	1,342,27
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	978,872	-	978,87
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	408,391	-	408,39
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	21,767	-	21,76
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	- 21,70
	Subtotal	-	-	-	-	-	-	-	-	-	113,885	4,154,864	-	4,268,74
	Distribution Conductors													
	11 kV Overhead lines (wood pole) 11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	55,724	-	55,72
	, ,											00,121		00,12
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-		-	-	-			-	-	
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	55,724	-	55,72
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	35,408	-	35,40
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	326,401 401,266	-	326,40 401,26
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-		-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	763.075	-	763.07
		I							- 1	-		700,070		705,07
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE) Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-		-	-		-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	182,934	-	182,93
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	35,630	-	35,63
	Metering systems Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	218,564	-	218,56
	Total Project/Programme	_	-	-	-	-	_	-	- 1		113,885	5,192,226	_	5,306,11
	rotari rojecti rogramme			-		-		-	-		110,000	0,102,220		0,000,11

						No	ominal terms (\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	ast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	113,885	-	-	113,885
To be tendered	-	-	-	-	-	-	-	-	-	-	5,192,226	-	5,192,226
Total Project/Programme	-	-	-	-	-	-	-	-	-	113.885	5.192.226	-	5,306,111

Project/Programme Name:
Project/Programme Description:
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Dunsandel district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure

Major Projects

							No	ominal terms (\$)					
			Curre	ent Period (Act	tual)		Assessme			Next F	Period Period (Foreca	act)		
			=				(Fore	,						Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10 -	FY11 -	FY12	FY13	FY14 -	FY15	FY16	FY17	FY18 -	FY19 -	Period)
Assets owned by the EDB but installed at bulk		-	-	-	-		-	-	-		-	-	-	-
supply points owned by others		-	-	-	-		-	-	-		-	-		-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	<u> </u>		l	l			•							
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-		-		-	-		-		-	-
Sub-transmission network including power														
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	326,103	-		326,103
	Power Transformers	-	-	-	-		-	-	-		2,280,264	-		2,280,264
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	•	-
	DC Supplies, batteries and inverters	-	-	-	-		-	-	-		-	-		-
	Other items Subtotal	-	-	-	-	-	-	-	-	-	2.606.367	-	-	2,606,367
	Subtotal		I.	ı							2,000,001			2,000,00
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	87,289	-	-	87,289
	Distribution Substations													
Distribution network including distribution transformers														
ti alisionneis	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-		-	-	-		-	-		-
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	•	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	87,289	-	-	87,289
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-	1	-	-	-	1	-	-	-	-
g	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal		- 1		-			-			- 1	-		-
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators	•	-	-	-	-	-	-	-		-	-	•	
	Easements Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	-	-	-	-	-	-	-	-	-	2,693,657		-	2,693,65

						No	ominal terms (\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)			ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	-	-	2,693,657	-	-	2,693,657
Total Project/Programm	е -	-	-	-	-	-	-	-	-	2,693,657	-	-	2,693,657

Project/Programme Name:
Project/Programme Description:

Subtransmission and major 11kV network reinforcement to provide for a proposed development in the Porters Pass district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

							No	ominal terms (\$)					
			Curre	nt Period (Act	ual)		Assessme	ent Period		Next F	Period Period (Forec	act)		
	I •			= 1.1.5			(Fore		=>				= 1112	Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10 -	FY11 -	FY12 -	FY13	FY14 -	FY15 -	FY16 -	FY17	FY18 -	FY19 -	Period)
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	<u> </u>	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-		-	-	-	-
					•									
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-		-	-	615,047	-	-	-	-	615,047
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	- 1	-	-	-	-	-		-	-	-	-	-
Sub-transmission network including power	1 Hot / Communications Circuits	-	-	-	•	-	-	-	•	-	-	-	•	<u> </u>
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-			-	
	Zone sub land Zone sub site development and buildings	-	-	-	-		-	-	118,798	-	-	-	-	118,798
	Power Transformers		-	-	-	-	-	-	1,048,098	-	-	-	-	1,048,098
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	- 40.000
	Protection (digital) Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	48,630	-	-	-	-	48,63
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	1,830,574	-	-	-	-	1,830,574
	Distribution Conductors													
	11 kV Overhead lines (wood pole) 11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	2,725,321	-	-	-	-	2,725,32
	TT KV Oriderground cables (ALFL)	-	- 1	-	-	-		-	2,723,321	-	-	-	-	2,723,32
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-			-	-	-		-			-
	Distribution transformers (pole, TpH/2pH/3pH)	-						-		-				-
	Distribution transformers (pad)		-		-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad) Distribution substations mount (pole)			-		•	-		-	-	-	-		-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	- - -	- - -	- - -	-	-	-	-	-	- - -	-	-
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substation mount (building & in customer building)	-	-	- - -	- - -	- - -	-		-	- - -	- - -	-	-	-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	- - -	- - -	- - -	-	-	-	-	-	- - -	-	-
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-		- - - -	- - - -		-	-	2,725,321	-	-	-	-	2,725,32
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-			- - - - -	-		- - 2,725,321 - 112,607	- - - -		-		2,725,32
Switchgear (All voltages)	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-		- - - -	- - - -		-	-	2,725,321	-	-	-	-	2,725,32
Switchgear (All voltages)	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators		-			-	-	-	2,725,321 - 112,607 86,218 -			-	-	2,725,32 - 112,60 86,216
Switchgear (All voltages)	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-			- - - - - - -	-	-	2,725,321 - 2,725,321 - 112,607 86,218 -	-	-	-	-	- 2,725,32 - 112,60 86,218
Switchgear (All voltages)	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal	-	-	-	-	-	-	-	2,725,321 2,725,321 112,607 86,218 - 198,826	-	-	-		2,725,32 - 112,60 86,211 - 198,826
	Distribution substations mount (pad) Distribution substations mount (pad) Distribution substation mount (bad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE)		-			-	-	-	2,725,321 - 112,607 86,218 -			-	-	2,725,32 - 112,60 86,216
Switchgear (All voltages) Low voltage distribution network	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections		-	-	-		-		- 2,725,321 - 112,607 86,218 - - 198,826		-			- 2,725,32 - 112,60 86,211 - 198,820
	Distribution substations mount (pad) Distribution substations mount (pad) Distribution substation mount (bad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE)	-		-			-	-	2,725,321 2,725,321 112,607 86,218 - - 198,826	-	-		-	2,725,32 2,725,32 112,600 86,210 - - 198,820
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections		-	-	-		-		- 2,725,321 - 112,607 86,218 - - 198,826		-			- 2,725,32 - 112,60 86,21; - 198,82;
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Ripple Injection Plant SCADA and communications equipment					-			2,725,321 - 112,607 86,218 - - 198,826		-			2,725,32 2,725,32 112,60 86,21 198,820
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Ripple Injection Plant SCADA and communications equipment Metering systems								2,725,321 		-			- 2,725,32 - 112,60 86,21: - 198,82:
Low voltage distribution network	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Ripple Injection Plant SCADA and communications equipment					-			2,725,321 - 112,607 86,218 - - 198,826		-			2,725,32 112,60 86,21 - 198,82 - - - - - - - - - - - - -
	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements								2,725,321 		-			- 2,725,32 - 112,60 86,21: - 198,82:
Low voltage distribution network	Distribution substations mount (pad) Distribution substations mount (pad) Distribution substations mount (bad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems								- 2,725,321 - 112,607 - 86,218 198,826 					- 2,725,32* - 112,600 - 86,211* 198,820*
Low voltage distribution network	Distribution substations mount (pole) Distribution substations mount (pad) Distribution substations mount (bad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems Asset management systems								- 2,725,321 - 112,607 - 86,218 198,826					- 2,725,32 - 112,60 86,211 - 198,826
Low voltage distribution network	Distribution substations mount (pad) Distribution substations mount (pad) Distribution substations mount (bad) Distribution substation mount (building & in customer building) Subtotal Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses 11kV voltage regulators Subtotal LV Overhead lines (wood pole) LV Underground cables (XLPE) Link Pillars & LV customer service connections Subtotal Ripple Injection Plant SCADA and communications equipment Metering systems Power factor correction plant EDB-owned mobile substations and generators Easements Load management systems								- 2,725,321 - 112,607 - 86,218 198,826 					- 2,725,32* - 112,600 - 86,211* 198,820*

						N	ominal terms (\$)					
									Next I	Period			
		Cur	ent Period (Ad	ctual)			ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	•	-	-	-	-	-	•	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	4,790,105	-	-	-	-	4,790,105
Total Project/Programme	-	-	-	-	-	-	-	4,790,105	-	-	-	-	4,790,105

Project/Programme Name:
Project/Programme Description:
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Kimberley district

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Capex Category:

	Г						No	ominal terms (\$	·)					
								•	,	Next F	Period			
			Curre	ent Period (Act	ual)		Assessme (Fore	ent Period cast)		CPP	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-		-	-	-	-	-		-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-		-	-	67,544	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	•	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits		-	-			-	-		-		-	-	-
Sub-transmission network including power														
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	•	-	-		-	-	67,725	-	-	-	-	-	-
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	1,973,867	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	98,337	-	-	-	-	-	-
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	94,743	-	-	-	-	-	-
	Other items	-	-	-		-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	2,302,218	-	-	-	-	-	-
	Distribution Conductors													
	11 kV Overhead lines (wood pole) 11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	-
	TTRV Underground Cables (ALFE)	-	-	-	•	-	-	-	-	-	-	-	-	-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	•	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-		-	90,426	-	-	-	-	-	-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV) 11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	93,349	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	183,775	-		-	-	-	-
	LV Overhead lines (wood pole)		-	-			-	-			-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-			-	-	•	-	-	-	-
	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
			<u> </u>					· ·						
	Ripple Injection Plant	-	-	-	-	-	-	200,407	-	-	-	-	-	-
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	92,737	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	·-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators Easements	-	-	-			-	-	-	-	-		-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-		-	-	-	-
	Subtotal	-	-	-	-	-	-	293,144	-	-	-	-	-	-
	Total Project/Programme	-	-	-	-	-	-	2,779,137	-	-	-	-	-	-
								minal torms (9						

						No	ominal terms (\$	\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)			ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	2,779,137	-	-	-	-	-	-
Total Project/Programme	-	-	-	-	-	-	2,779,137	-	-	-	-	-	-

Project/Programme Name:
Project/Programme Description:
Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the alpine regions

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure
Major Projects

							No	ominal terms (\$)					
								(Next F	Period			
			Curre	nt Period (Act	tual)		Assessme (Fore			СРР	Period (Forec	ast)		Total (CPI
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		•	-	-	-	-	-	-	-	-	-	-	-	
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
-	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	Subtransmission													
l e	66 kV Overhead lines (wood pole)		-	-	-	-	-	-	-	-	-	-	-	· .
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
							1	ı			ı			
	33 kV Overhead lines (wood pole) 33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power														
transformers	Substations													
-	Zone sub land		-	-	-	-	-	-	-		-	-	-	
<u>-</u>	Zone sub land Zone sub site development and buildings	<u> </u>	-	-	-	-	-	-	-	53,419	-	-	-	53,41
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	3,422	-	-	-	3,42
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	Subtotal	-	-	-	-	-	-	-	-	56,841	-	-	-	56,84
	Subtotal		1		i.		II.	I		00,011	I			00,01
<u>. </u>	Distribution Conductors													
,	11 kV Overhead lines (wood pole)			-	-	-	-	-		-			-	
	11 kV Underground cables (XLPE)		-	-	-	-	-	-	-	129,378	-	-	-	129,37
-	The Chaoligicana cables (XEL E)						ı			120,010				120,01
Distribution network including distribution	Distribution Substations													
traneformere	D: 4 1 (2 1 (2 1 (2 1)						1	ı			ı			
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	54,521	-	-	-	54,52
	Distribution transformers (pau) Distribution substations mount (pole)	<u>-</u>	-	-	-	-	-	-	-	54,521	-	-	-	- 54,52
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	183,898	-	-	-	183,89
l d	Curre Divertors (2nh CC/22Id)) / Air break isolators (CC/22Id))	-	-	-	-			-	-				-	
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)		-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	16,019	-	-	-	16,01
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	16,019	-	-	-	16,01
	LV Overhead lines (wood pole)		-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant		-	-	-	-	-	-	-	-	-		-	-
	SCADA and communications equipment	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	- :
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
The state of the s	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
<u> </u>	Asset management systems Subtotal		-	-	-	-	-	-	-	-	-	-	-	-
	Oubtotal		<u>. </u>							1				
	Total Project/Programme	-	-	-	-		-	-	-	256,758	-	-	-	256,75

						No	ominal terms (\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	-	256,758	-	-	-	256,758
Total Project/Programme	-	-	-	-	-	-	-	-	256,758	-	-	-	256,758

Project/Programme Name:	Rural major projects - GFN
Project/Programme Description:	Assets to improve safety and reliability on our rural overhead network
Policy Reference:	CPP20
Service Category:	(a) Provide and operate network infrastructure
Canex Category:	Major Projects

Assets owned by the EDB but installed at bulk supply points owned by others Su 66 66 66 66 33	Subtotal	FY08	FY09	FY10	FY11	FY12 -	Assessme (Fore FY13		FY15	Next P CPP FY16	Period (Foreca			Total (CPP
Assets owned by the EDB but installed at bulk supply points owned by others Su 66 66 66 66 33	Subtotal **Bubtotal of the control		- - -	- - -	-	-	FY13	,	FY15		· .			Total (CPP
Assets owned by the EDB but installed at bulk supply points owned by others Su 66 66 66 66 33	Subtotal **Bubtotal of the control		- - -	- - -	-	-		FY14	FY15	FV16				,
supply points owned by others Su 66 66 66 33	ubtransmission 6 kV Overhead lines (wood pole) 6 kV Overhead lines (towers)	-		- - -	-			-	-	-	-	FY18 -	FY19 -	Period)
supply points owned by others Su 66 66 66 33	ubtransmission 6 kV Overhead lines (wood pole) 6 kV Overhead lines (towers)	-	-	-		-	-	-	-	-	-	-	-	-
Su 66 66 66 33	ubtransmission 6 kV Overhead lines (wood pole) 6 kV Overhead lines (towers)	-				-	-	-	-	-	-		-	
66 66 66 33	ubtransmission 6 kV Overhead lines (wood pole) 6 kV Overhead lines (towers)				-	-	-	-	-	-	-	-	-	-
66 66 66 33	6 kV Overhead lines (wood pole) 6 kV Overhead lines (towers)			l.	l	l	l	l.	l.	l	l			
66 66 33	6 kV Overhead lines (towers)													
33			-	-	-	-	-	-	-	-	-	-	-	-
33	6 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	•	-	-	-
33	3 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	3 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Pil	ilot / Communications Circuits	-	-	-	-	-		-	-			-	-	
Sub-transmission network including power														
	ubstations													
70	one sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
Zo	one sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	ower Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	rotection (electromechanical) rotection (digital)	-	-	-	-	-	- 855,759	1,219,050	-	-	-	-	-	-
	utdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	C Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	
<u>Ot</u> i	ther items Subtotal	-	-	-	-	-	- 855.759	1,219,050	-	-	-	-	-	-
	Subiolai	-					855,759	1,219,030						
<u>Dis</u>	istribution Conductors													
111	1 kV Overhead lines (wood pole)	-	-	-	-	-	-		-	-	-	-	-	
	1 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	
	istribution Substations													
Distribution network including distribution	istribution Substations													
	istribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-
	istribution transformers (pad) istribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	istribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	istribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
Su	urge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-			-	-	-		-			-
Inc	door circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	
	utdoor circuit breakers and switchgear (66/33/11kV) 1kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	1kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	V Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
I V	V Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
Low voltage distribution network Lin	nk Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
Rij	ipple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	CADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	letering systems ower factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	DB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Ea	asements	-	-	-	-	-	-	-	-	-	-	-	-	-
	pad management systems sset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
AS	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
						- 1								
	Total Project/Programme	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-

						No	ominal terms (\$)					
									Next I	Period			
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	08 FY09 FY10 FY11 FY12					FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-
Total Project/Programme	-	-	-	-	-	855,759	1.219.050	-	-	-	-	-	-

Project/Programme Name:
Project/Programme Description:

ONQ load management software for upper south island load management

Policy Reference:
Service Category:
Capex Category:

(a) Provide and operate network infrastructure

Major Projects

	Γ						No	ominal terms (6)					
			Curro	ent Period (Act	ual\		Assassm	ent Period		Next F	Period			
			Curre	mi Feriou (Acti	uai)			cast)		CPP	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10 -	FY11 -	FY12 -	FY13	FY14	FY15	FY16	FY17	FY18 -	FY19 -	Period)
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	•	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Substations													
Distribution network including distribution transformers														
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad) Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-		-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	-		-	-	-	-	-
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	602,530	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	602,530	-	-	-	-	-	-	-	-		-
	Total Project/Programme		-	602,530	- 1		l -	_	-	-	-	_	-	- 1
	Total Hojecol Togranine			002,000	-	-	•		1		-	-		-

						No	ominal terms (\$)					
									Next F	Period			
		Curr	ent Period (Ac	tual)			ent Period ecast)		СРЕ	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	-	-	-	-	-		-	-	-	-	-
Related party	-	-	10,396	-	-	-	-	•		-	-		-
Other sources	-	-	592,134	-	-	-	-	•		-	-		-
To be tendered	-	-	-	-	-	-	-	•	-	-	-	-	-
Total Project/Programme	-	-	602,530	-	-	-	-	-	-	-	-	-	-

Dunio at/Dunaumama Nama	Linkson 9 mural major projecto (CCI)/
Project/Programme Name:	Urban & rural major projects - 66kV
Project/Programme Description:	Zone substation upgrade
Policy Reference:	Current Period
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

	Γ						N	ominal terms (\$)					
			0	out Double of (Act	0			· · · · · · · · · · · · · · · · · · ·		Next F	Period			
			Curre	ent Period (Act	uai)			ent Period ecast)		CPP	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
Assets asset by the EDD but installed at hells		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
			1					1			1			
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	1,720,651	1,355,208	3,271,653		-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)		-	-	-	-	-	-	-		-	-		
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	
transformers	Substations													
	Zone sub land Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical) Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	•	-	-		-		-	-
	DC Supplies, batteries and inverters Subtotal	-	-	1,720,651	1,355,208	3,271,653	-	-	-	-	-	-	-	-
				1,720,001	1,000,200	0,271,000					l			
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-			-	-		-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-		-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-		-	-	•	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment Metering systems	-	-	-	-	-	<u> </u>	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems Subtotal	-	-	-	-	-	-	-	-	-	-	-		-
		-	-	-	-	-	•	-	-	•	-	-	•	-
	Total Project/Programme	-	-	1,720,651	1,355,208	3,271,653	-	-	-	-	-	-	-	-
	_													

						No	minal terms (\$)					
									Next F	Period			
		Curr	ent Period (Act	tual)		Assessme (Fore	ent Period cast)		CPF	Period (Fored	cast)		Total (CPP
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
EDB	-	-	129	86	-			-	-	-	-	-	-
Related party	-	-	1,098,329	935,240	694,155	-	-	ı	•	-	-	-	-
Other sources	-	-	622,193	419,882	2,577,498	-	-	ı	•	-	-	-	-
To be tendered	-	-	-	-	-	-	-	-		-	-	-	-
Total Project/Programme	-	-	1.720.651	1.355,208	3.271.653				-	-	-	-	-

Project/Programme Name:	Urban major projects - Earthquake emergency
Project/Programme Description:	Remedial projects following the earthquakes
,	· · ·
Policy Reference:	Current Period
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects
	•

	Ī						No	ominal terms (5)					
										Next F	Period			
			Curre	ent Period (Act	rual)		Assessme (Fore	ent Period cast)		CPP	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
Supply points owned by curers	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	-													
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	445,775	153,713	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers) 66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 KV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	445,775	153,713	-	-	-	-	-	-	-	-
	Distribution Canalystana													
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-		-		-		-		-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)		-	-	-		-	-	-		-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE) Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal		-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and communications equipment		-	-	-	-		-	-	-	-	-		-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	408,995	620,021	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal		-	-	408,995	620,021	-	-	-	-	-	-	-	-
	Total Project/Programs	-	-	- 1	QE 4 770	770 704	-	-	-	_	-	-	-	-
	Total Project/Programme	-	-	-	854,770	773,734	-	-	-	-	<u> </u>		-	

						No	ominal terms (\$)							
						Next Period									
		Curr	ent Period (Ac	tual)		Assessment Period (Forecast)			CPF	Period (Forec	ast)		Total (CPP		
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	-	-	-	-	108	-	-	-	-	-	-	-	-		
Related party	-	-	-	-	89,489	-	-	-	-	-	-	-	-		
Other sources	-	-	-	854,770	684,137	-	-	-	-	-	-	-	-		
To be tendered	•	-	-	-	-	-	-	•	-	-	-		-		
Total Project/Programme	-	-	-	854,770	773,734	-	-	-	-	-	-	-	-		

Project/Programme Name: Project/Programme Description:	Urban major projects - Hornby -
Policy Reference: Service Category: Capex Category:	Current Period (a) Provide and operate network infrastructure Major Projects

	Г						NI.	ominal terms (¢١					
							N ₁	ominai terms (<u>\$)</u>	Next F	Period			
			Curre	ent Period (Act	tual)			ent Period ecast)			Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	
supply points owned by others		-	-	-	-	•	-	-	-	•		-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-		-	-	-		l .	-	-		-		
	33 kV Underground cables (XLPE)	-	-	208,280	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-		-	-	-
transformers	Substations													
	Zone sub land Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital) Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	208,280	-	-	-	-	-	-	-	-	-	-
	Distribution Conductors													
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)		-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution	Distribution Substations													
transformers								•				1		
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gubiotai		_		_				_			_		
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Link Pillars & LV customer service connections Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gubiotai												l	
	Ripple Injection Plant	-	-		-	-	-	-		-	-	-	-	
	SCADA and communications equipment Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators		-		-		-	-	-	-		-	-	-
	Easements Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-		-	-	-	-		-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	-	-	208,280	-	_	-	_	-	-	-	-	-	- 1
L	Total i Tojeco Togramine	-	-	200,200	_				-	_		·		

						No	ominal terms (\$)							
						Next Period									
		Current Period (Actual)					ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP		
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-		
Related party	-	-	208,280	-	-	-	-	-	•	-	-	-	-		
Other sources	-	-	-	-	-	-	-	-	•	-	-	-	-		
To be tendered	-	-	-	-	-	-	-	-		-	-	-	-		
Total Project/Programme	-	-	208,280	-	-	-	-	-	-	-	-	-	-		

Project/Programme Name:	Urban major projects - Bromley
Project/Programme Description:	11kV substation project
Policy Reference:	Current Period
Service Category:	(a) Provide and operate network infrastructure
0 ,	, ,
Capex Category:	Major Projects

							No	ominal terms (5)					
								,		Next F	Period			
			Curre	ent Period (Act	ual)			ent Period cast)		CPP	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-			-	-		-	-	-		-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers) 66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	86 KV Onderground cables (XLPE)		-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-		-	-
Sub-transmission network including power	1 liot / Confiniunications Circuits	•	-	•	•	•	•	-	•	-	-	-	-	
transformers	Substations													
	Zono sub lond													
	Zone sub land Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole) DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Conductors													
	11 kV Overhead lines (wood pole)		-	-	-	-	-	-	-	-	-		-	
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
				•	•	•	•	•	•		•			
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)		-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-		-	-	-	-	-	-	-	-
	Distribution substations mount (pad) Distribution substation mount (building & in customer building)	-	-	-	-	221,880	-	-	-	-	-	-	-	-
	Subtotal		-	-	-	221,880	-	-	-	<u> </u>	-	-	-	-
				Į.		,		i.						
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV) Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole)		-				-	-			-		-	-
l au valta an diatribution maturals	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	_	-	-	-	-	-	-	-		-			 -
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-			-	-		-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-		-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	_	-	- 1	-	221,880	_	_	-		_	_	_	-
	rotai i rojecti rogianime			-	-	££1,000	_	-	-		-		_	
							N.	ominal terms (•1					

						No	ominal terms (\$)							
						Next Period									
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)		СРЕ	Period (Fored	cast)		Total (CPP		
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	-	-	-	-	981	-	-	-	-	-	-	-	-		
Related party	-	-	•		220,899	-	-		•	-	-	-	-		
Other sources	-	-	•		-	-	-		•	-	-	-	-		
To be tendered	-	-	•		-	-	-		•	-	-	-	-		
Total Project/Programme	-	-	-	-	221.880	-	-	-	-	-	-	-	-		

Project/Programme Name:	Rural major projects - Weedons
Project/Programme Description:	66kV line conversion
Policy Reference:	Current Period
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

	Γ						No	minal terms (5)					
										Next F	Period			
			Curre	nt Period (Act	tual)		Assessme (Fore			CPP	Period (Foreca	st)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
supply politis owned by others	Outstand	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole) 66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	8,459	-	-	-	-	-	-		-
	20 13/ Overhead Ferry (word rate)													
	33 kV Overhead lines (wood pole) 33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
transformers	Substations													
	Zone sub land		-	-	-	-	-	-	-		-	-	-	-
	Zone sub site development and buildings Power Transformers	-	-	-	-	-	-	-	-	<u> </u>	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-		-
	Protection (digital)	-	-	-		-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters Subtotal	-	-	-	-	8,459	-	-	-	-	-	-	-	-
	Gustotai		l l	I		0,400	I I		1					
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-		
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-		-
Distribution network including distribution	Distribution Substations													
transformers	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole) Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	-
	Distribution substations mount (building & in customer building)		-	-	-	-	-	-	-		-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-				-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-		-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-		-	-	-	-	-	-	-	-	-
	11kV Disconnectors & Dropout fuses 11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-		-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pinels Injection Plant													
	Ripple Injection Plant SCADA and communications equipment	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-		
2 "	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	_	-	-	_	8,459	-	-	-	_	-	-	_	-
	Total Frojest Togramme			l		0,400			I		1			

						No	ominal terms (\$)							
						Next Period									
		Curr	ent Period (Ac	tual)		Assessme (Fore	ent Period cast)			Total (CPP					
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-		
Related party	•	-	-	•	8,459	-	-		•	-	-	-	-		
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-		
To be tendered	•	-	-	•	-	-	-	•		-	-	-	-		
Total Project/Programme	-	-	-	-	8.459	-	-	-	-	-	-	-	-		

Project/Programme Name:	Urban & rural major projects - Substations
Project/Programme Description:	Substations upgrades & safety
Policy Reference:	Current Period
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

							No	ominal terms (5)					
			_		_					Next F	Period			
			Curre	ent Period (Act	tual)			ent Period ecast)		СРР	Period (Forec	ast)		Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	-
supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-		-	-	-	-	-	-	-		-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
transformers	Substations													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	- E 400 000	-	-	-	-	-	-	-	-	-	-
	Power Transformers Protection (electromechanical)	-	-	5,189,990	5,633,557	16,945,966	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	<u>-</u>	-	-	-	
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	•	-	-	•	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	5,189,990	5,633,557	16,945,966	-	-	-	-	-	-	-	-
	Distribution Conductors													
	Biothibution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Substations													
Distribution network including distribution transformers														
li ali si di li lei s	Distribution transformers (pole, 1ph/2ph/3ph)	•	-	-	•	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad) Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Curren Divertore (2nh CC/23ld/) / Air break inclutore (CC/23ld/)													
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	11kV Disconnectors & Dropout fuses	•	-	-	•	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subiolai	-	-	-	-	- 1	-	-	-		-	-	-	-
	LV Overhead lines (wood pole)	-	-	-	-	-		-	-	-	-	-	-	-
Low voltage distribution network	LV Underground cables (XLPE)	•	-	-	-	-		-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-		-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-		-	-	-	-	-	-	
	SCADA and communications equipment	•	-	-	·	-	-	-	-	•	-	-	-	-
	Metering systems Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Power factor correction plant EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting of Secondary Systems	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems		-	-	-	-		-		-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	-	-	5,189,990	5,633,557	16,945,966		- 1	-	-	-	-	-	-
	· otal · · ojost · rogrammo			2,.30,000	2,230,007									
							N.	ominal terms (

		Nominal terms (\$)													
						Next Period									
Current Period (Actual)						Assessment Period (Forecast)		CPP Period (Forecast)					Total (CPP		
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	-	-	4,988	7,826	69,279		-	-	-	-	-	-	-		
Related party	-	-	1,474,764	640,366	6,171,507	-	-		•	-	-	-	-		
Other sources	-	-	3,710,238	4,985,365	10,705,180	-	-		•	-	-	-	-		
To be tendered		-	-	-	-	-	-		•	-	-	-	-		
Total Project/Programme	-	-	5.189.990	5.633.557	16.945.966		-	-	-	-	-	-	-		

Project/Programme Name:	Urban major projects - QEII							
Project/Programme Description:	Assets to improve safety and reliability on our rural overhead							
	network							
Policy Reference:	Current Period							
Service Category:	(a) Provide and operate network infrastructure							
Capex Category:	Major Projects							

	Г	Nominal terms (\$)												
							N.	ominai terms (>)	Next F	Period			
		Current Period (Actual)						ent Period ecast)	CPP Period (Forecast)					Total (CPP
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk		-	-	-	-	-	-	-	-	-	-	-	-	
supply points owned by others	Outstand	-	-	-	-	-	-	-	-	-		-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission													
	66 kV Overhead lines (wood pole)	-	-		-	-			-			-		
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)		-		-	-	-	-	-		-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-		-	-	-			-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-		-	-		-	-	-		-	-	
Sub-transmission network including power transformers														
เฉารเบาแตร	Substations													
	Zone sub land	-	-	-	-	-		-	-	-			-	
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-		-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-		-	-	-			-	-
	DC Supplies, batteries and inverters Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
			l.										ı	
	Distribution Conductors													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution of the desired of the distribution	Distribution Substations													
Distribution network including distribution transformers			ı										1	
	Distribution transformers (pole, 1ph/2ph/3ph) Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-		-	-	-			-	-
	Distribution substations mount (pad)	•	-	•	-	-	-	-	-	•	-	-	-	-
	Distribution substation mount (building & in customer building) Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV) Indoor circuit breakers and switchgear (66/33/11kV)	-	-	<u> </u>	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgeal (All Voltages)	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Overhead lines (wood pole) LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	EDB-owned mobile substations and generators	-	-	-	-	13,824	-	-	-	-		-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal		-	-	-	13,824	-	-	-	-	-	-	-	-
	Total Project/Programme		-		-	13,824	-	_	-		-	-	-	- 1
	Total Floglett Flogramme					10,024			-					

	Nominal terms (\$)														
						Next Period									
	Current Period (Actual)					Assessment Period (Forecast)			Total (CPP						
Project costs by source	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Period)		
EDB	•	-	-	-	-	-	-		-	-	-	•	-		
Related party	•	-	-	-	-	-	-	•		ı		•	-		
Other sources	•	-	-	-	13,824	-	-	•		ı		•	-		
To be tendered	•	-	-	-	-	-	-	•	-	-	-		-		
Total Project/Programme	-	-	-	-	13,824	-	-	-	-	-	-	-	-		