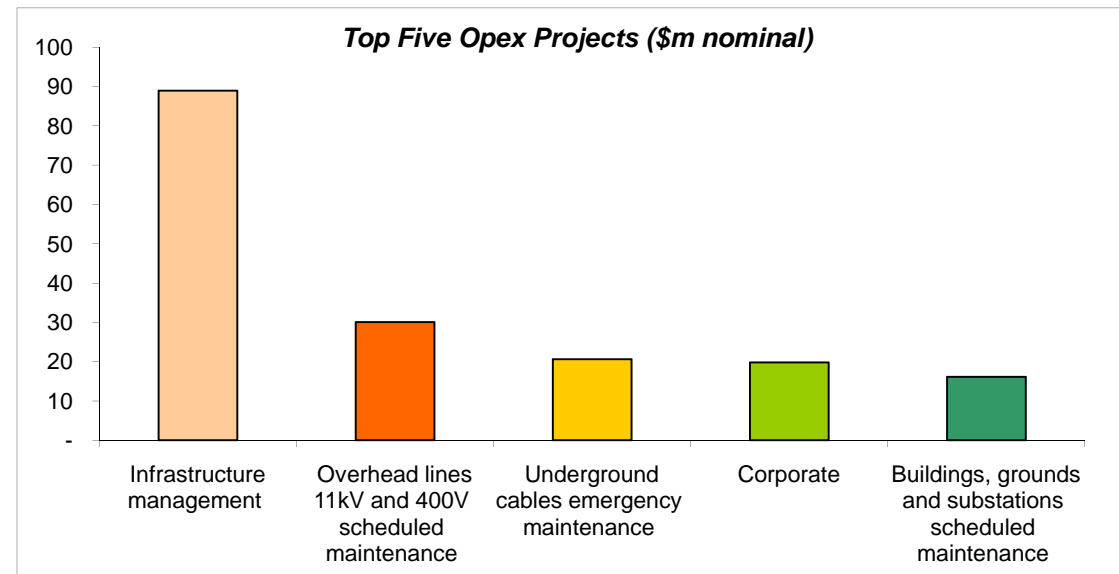
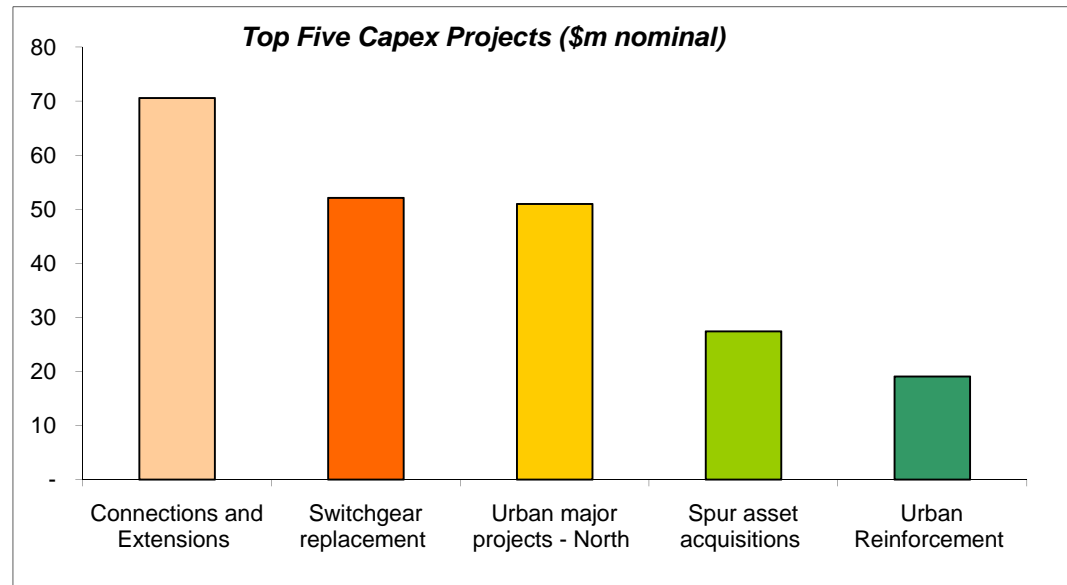


**Table 1: Top 5**

Top Five Capex Projects (total for CPP period)		
Rank	Project name	\$000
1	Connections and Extensions	70,554
2	Switchgear replacement	52,055
3	Urban major projects - North	50,984
4	Spur asset acquisitions	27,401
5	Urban Reinforcement	19,031

Top Five Opex Projects (total for CPP period)		
Rank	Project name	\$000
1	Infrastructure management	88,935
2	Overhead lines 11kV and 400V scheduled maintenance	30,099
3	Underground cables emergency maintenance	20,630
4	Corporate	19,809
5	Buildings, grounds and substations scheduled maintenance	16,117





**Table 3a: Opex Summary**

Service Categories	Related Opex Categories	Nominal \$							Total (CPP period)
		Assessment Period		Regulatory Period					
		FY13	FY14	FY15	FY16	FY17	FY18	FY19	
(a) Provide and operate network infrastructure between input and offtake connection points and deliver electricity through the network	Scheduled maintenance	15,855,000	17,764,642	20,063,195	20,862,235	20,330,494	20,739,950	21,750,172	
	Non-scheduled maintenance	1,995,000	2,117,548	2,250,174	2,394,074	2,501,707	2,614,337	2,732,202	
	Emergency maintenance	4,925,000	6,902,504	7,310,956	9,196,870	8,092,376	8,443,304	8,810,201	
	<b>Subtotal</b>	<b>22,775,000</b>	<b>26,784,694</b>	<b>29,624,325</b>	<b>32,453,180</b>	<b>30,924,578</b>	<b>31,797,592</b>	<b>33,292,575</b>	
(b) Provide load management services	Scheduled maintenance	355,000	244,173	259,512	276,151	288,591	301,609	315,234	
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>355,000</b>	<b>244,173</b>	<b>259,512</b>	<b>276,151</b>	<b>288,591</b>	<b>301,609</b>	<b>315,234</b>	
(c) Provide connection services, including changes of connection point capacity and/or reliability	Scheduled maintenance	-	-	-	-	-	-	-	
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Scheduled maintenance	-	-	-	-	-	-	-	
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	Network management and operations	13,681,000	15,988,607	16,915,616	17,486,815	17,705,809	18,165,841	18,660,852	<b>88,934,934</b>
	General management, administration and overheads	17,829,000	15,735,795	14,405,803	15,025,428	15,965,421	16,154,066	17,583,580	<b>79,134,298</b>
	<b>Total Opex</b>	<b>54,640,000</b>	<b>58,753,270</b>	<b>61,205,257</b>	<b>65,241,574</b>	<b>64,884,398</b>	<b>66,419,108</b>	<b>69,852,241</b>	<b>327,602,578</b>



**Table 3c: All other Opex**

Service Categories	Related Opex Categories	Nominal \$							Total (CPP period)
		Assessment Period		Regulatory Period					
		FY13	FY14	FY15	FY16	FY17	FY18	FY19	
(a) Provide and operate network infrastructure	Scheduled maintenance	15,855,000	17,764,642	20,063,195	20,862,235	20,330,494	20,739,950	21,750,172	158,092,249
	Non-scheduled maintenance	1,995,000	2,117,548	2,250,174	2,394,074	2,501,707	2,614,337	2,732,202	
	Emergency maintenance	4,925,000	6,902,504	7,310,956	9,196,870	8,092,376	8,443,304	8,810,201	
	<b>Subtotal</b>	<b>22,775,000</b>	<b>26,784,694</b>	<b>29,624,325</b>	<b>32,453,180</b>	<b>30,924,578</b>	<b>31,797,592</b>	<b>33,292,575</b>	
(b) Provide load management services	Scheduled maintenance	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>355,000</b>	<b>244,173</b>	<b>259,512</b>	<b>276,151</b>	<b>288,591</b>	<b>301,609</b>	<b>315,234</b>	
(c) Provide connection services	Scheduled maintenance	-	-	-	-	-	-	-	-
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(d) Rearrangement of assets at 3rd party request	Scheduled maintenance	-	-	-	-	-	-	-	-
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Network management and operations		13,681,000	15,988,607	16,915,616	17,486,815	17,705,809	18,165,841	18,660,852	88,934,934
General management, administration and overheads		17,829,000	15,735,795	14,405,803	15,025,428	15,965,421	16,154,066	17,583,580	79,134,298
<b>Total Opex</b>		<b>54,640,000</b>	<b>58,753,270</b>	<b>61,205,257</b>	<b>65,241,574</b>	<b>64,884,398</b>	<b>66,419,108</b>	<b>69,852,241</b>	<b>327,602,578</b>

**Summary**

Service Categories	Related Capex Categories	\$ Nominal							Total
		Assessment Period		Regulatory Period					
		2013	2014	2015	2016	2017	2018	2019	
(a) Provide and operate network infrastructure between input and offtake connection points and deliver electricity through the network	Major projects	14,345,931	36,329,200	39,442,210	21,068,117	15,623,131	26,960,804	8,354,396	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>14,345,931</b>	<b>36,329,200</b>	<b>39,442,210</b>	<b>21,068,117</b>	<b>15,623,131</b>	<b>26,960,804</b>	<b>8,354,396</b>	
(b) Provide load management services	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(c) Provide connection services, including changes of connection point capacity and/or reliability	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(e) Optionally, provide an additional service (or services if necessary) to those listed in (a) – (d), specified by the CPP applicant	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	<b>Total Capex</b>	<b>14,345,930.50</b>	<b>36,329,199.81</b>	<b>39,442,210.24</b>	<b>21,068,116.59</b>	<b>15,623,131.10</b>	<b>26,960,803.67</b>	<b>8,354,395.58</b>	<b>111,448,657.18</b>

**Table 4: Nominal Capex Project - CPP1**

Project/Programme Name:	Urban major projects - North
Project/Programme Description:	Subtransmission reinforcement to provide for increased capacity and security of supply in northern Christchurch
Policy Reference:	CPP1
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	11,348,748	19,640,769	12,790,722	-	-	-	-	32,431,492
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	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	-	41,484	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	12,132,703	23,532,036	13,071,566	-	7,068,435	-	43,672,037	
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	2,101	-	102,518	61,253	-	103,469	-	267,240
<i>Distribution Substations</i>															
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	5,894	6,336	-	6,985	-	19,215	
	Distribution substations mount (pole)	-	-	-	-	-	-	-	15,913	-	-	-	-	15,913	
	Distribution substations mount (pad)	-	-	-	-	-	-	23,658	-	-	-	37,720	-	37,720	
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	18,000	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	43,760	-	124,325	67,589	-	148,174	-	340,087
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	973,599	181,095	-	790,613	-	1,945,307	
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	780,317	-	-	2,808,861	-	3,589,178	
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	1,753,916	181,095	-	3,599,474	-	5,534,485	
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	214,921	-	-	239,343	-	454,264	
	SCADA and communications equipment	-	-	-	-	-	-	-	31,083	-	-	35,630	-	66,713	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	2,855,000	-	-	916,088	-	-	916,088	
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	2,855,000	-	246,004	916,088	-	274,973	-	1,437,065
<b>Total Project/Programme</b>		-	-	-	-	-	-	2,898,760	12,132,703	25,656,281	14,236,338	-	11,091,055	-	50,983,674

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
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
	<b>Total Project/Programme</b>	-	-	-	-	-	-	2,898,760	12,132,703	25,656,281	14,236,338	-	11,091,055	-	50,983,674

**Table 4: Nominal Capex Project - CPP2**

Project/Programme Name:	Urban major projects - Dallington
Project/Programme Description:	Subtransmission reinforcement to provide for increased capacity and security of supply in Dallington
Policy Reference:	CPP2
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	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	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	1,101,842	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	31,798	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	31,798	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	350	9,983,612	10,240,227	-	-	-	-	-	-	-

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	350	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	9,983,612	10,240,227	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	350	9,983,612	10,240,227	-	-	-	-	-	-	-



**Table 4: Nominal Capex Project - CPP3**

Project/Programme Name:	Urban major projects - West
Project/Programme Description:	Subtransmission reinforcement to provide for increased capacity and security of supply in western Christchurch
Policy Reference:	CPP3
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	195,662	-	-	-	195,662
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	106,447	-	-	-	106,447
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	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	-	-	-	58,676
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	21,091	-	-	-	21,091
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	106,459	110,349	5,689,159	-	-	-	5,905,967
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	61,308	-	-	-	61,308
<i>Distribution Substations</i>															
	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	-	-	-	-	-	-	-	-	-	61,308	-	-	-	61,308
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	389,627	-	-	-	389,627
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	804,555	-	-	-	804,555
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	1,194,183	-	-	-	1,194,183
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	176,754	-	-	-	176,754
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	34,206	-	-	-	34,206
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	210,960	-	-	-	210,960
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	106,459	110,349	7,155,609	-	-	-	7,372,417

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	106,459	110,349	-	-	-	-	216,808
To be tendered		-	-	-	-	-	-	-	-	-	7,155,609	-	-	-	7,155,609
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	106,459	110,349	7,155,609	-	-	-	7,372,417

**Table 4: Nominal Capex Project - CPP4**

Project/Programme Name:	Urban major projects -Southeast
Project/Programme Description:	Subtransmission reinforcement to provide for increased capacity or security of supply in southeastern Christchurch
Policy Reference:	CPP4
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	532,296	220,698	-	-	-	-	752,994
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	2,724,507	-	-	-	-	2,724,507
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	532,296	3,329,988	3,276,616	-	-	-	7,138,901
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	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)	-	-	-	-	-	-	-	-	2,989,772	-	-	-	-	2,989,772
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	2,989,772	-	-	-	-	2,989,772
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	532,296	6,319,760	3,276,616	-	-	-	10,128,672

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	532,296	-	-	-	-	-	532,296
To be tendered		-	-	-	-	-	-	-	-	6,319,760	3,276,616	-	-	-	9,596,376
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	532,296	6,319,760	3,276,616	-	-	-	10,128,672

**Table 4: Nominal Capex Project - CPP5**

Project/Programme Name:	Urban major projects - South
Project/Programme Description:	Subtransmission reinforcement to provide for increased capacity or security of supply in southern Christchurch
Policy Reference:	CPP5
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	257,603	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	257,603	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	257,603	-	-	-	-	-	-	-

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	257,603	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	257,603	-	-	-	-	-	-	-

**Table 4: Nominal Capex Project - CPP6**

Project/Programme Name:	Urban major projects - CBD
Project/Programme Description:	Subtransmission reinforcement to restore capacity and security of supply in the Christchurch CBD
Policy Reference:	CPP6
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)												Total (CPP Period)	
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	532,296	-	-	-	-	-	532,296
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	532,296	-	-	-	-	-	532,296

		Nominal terms (\$)												Total (CPP Period)	
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	532,296	-	-	-	-	-	532,296
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	532,296	-	-	-	-	-	532,296

**Table 4: Nominal Capex Project - CPP7**

Project/Programme Name:	Rural major projects - Rolleston
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Rolleston district
Policy Reference:	CPP7
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	66 kV Overhead lines (wood pole)	-	-	-	-	-	457,800	-	-	-	-	1,132,597	-	-	1,132,597
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	397,304	11,331	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	515,205	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	795,508	1,230,468	-	-	-	-	-	1,230,468
	Power Transformers	-	-	-	-	-	-	2,049,066	385,221	-	-	488,959	-	-	874,180
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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	-	457,800	3,436,030	2,017,128	-	1,189,540	498,361	-	-	3,705,029
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	16,475	-	-	-	-	-	16,475
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	2,739,424	371,131	-	-	-	-	-	3,110,555
	<b>Distribution Substations</b>														
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	5,894	-	-	-	-	-	5,894
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	29,606	15,913	-	-	-	-	-	45,519
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	68,316	-	-	-	-	-	-	68,316
	Subtotal	-	-	-	-	-	-	2,837,345	409,412	-	-	-	-	-	3,246,757
	<b>Switchgear (All voltages)</b>														
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	530,869	243,848	-	-	44,354	-	-	778,071
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	50,000	807,723	1,170,476	-	757,550	132,779	-	-	2,060,804
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	50,000	1,338,592	1,414,323	-	757,550	177,133	-	-	2,349,006
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	Ripple Injection Plant	-	-	-	-	-	-	157,605	-	-	-	182,934	-	-	340,539
	SCADA and communications equipment	-	-	-	-	-	-	-	31,083	-	-	-	-	-	31,083
	Metering systems	-	-	-	-	-	-	12,400	-	-	-	-	-	-	12,400
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	170,005	31,083	-	-	182,934	-	-	384,022
	<b>Total Project/Programme</b>	-	-	397,304	11,331	-	507,800	7,781,973	3,871,947	-	1,947,089	858,429	-	-	6,677,465

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
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
	<b>Total Project/Programme</b>	-	-	397,304	11,331	-	507,800	7,781,973	3,871,947	-	1,947,089	858,429	-	-	6,677,465

**Table 4: Nominal Capex Project - CPP8**

Project/Programme Name:	Rural major projects - Hororata/Creyke 66kV
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Hororata/Darfield district
Policy Reference:	CPP8
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	836,218	-	-	836,218
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	86,801	-	-	-	-	86,801
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	284,712	-	-	284,712
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	180,278	-	-	1,428,468	319,261	1,928,006
	Power Transformers	-	-	-	-	-	-	-	-	958,465	-	-	488,959	-	1,447,424
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	408,391	19,408	-	427,799
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	21,767	-	-	21,767
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	1,225,544	-	284,712	3,183,802	338,669	5,032,728
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	29,107	-	-	29,107
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	24,174	-	24,174
<i>Distribution Substations</i>															
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	19,495	-	-	19,495
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	10,423	-	-	10,423
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	59,026	24,174	-	83,200
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	51,848	-	-	326,401	176,804	555,053
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	181,611	-	-	616,405	-	798,017
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	233,459	-	-	942,807	176,804	1,353,070
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	163,824	-	-	-	378,677	542,501
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	35,630	-	-	35,630
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	163,824	-	-	35,630	378,677	578,131
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	1,622,827	-	284,712	4,221,264	918,325	7,047,128

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	284,712	-	-	-	284,712
To be tendered		-	-	-	-	-	-	-	-	1,622,827	-	-	4,221,264	918,325	6,762,416
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	1,622,827	-	284,712	4,221,264	918,325	7,047,128

**Table 4: Nominal Capex Project - CPP9**

Project/Programme Name:	Rural major projects - Central Plains
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Central Plains district
Policy Reference:	CPP9
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	960,343	-	-	960,343
	Power Transformers	-	-	-	-	-	-	-	-	-	-	685,210	-	-	685,210
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	88,151	-	-	88,151
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	15,237	-	-	15,237
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	3,445,393	-	-	3,445,393
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	1,137,324	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	11,294	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	1,148,618	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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)	-	-	-	-	-	-	-	-	-	-	1,137,278	-	-	1,137,278
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	236,952	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	236,952	-	-	-	1,137,278	-	-	1,137,278
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	24,941	-	-	24,941
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	24,941	-	-	24,941
	<b>Total Project/Programme</b>	-	-	-	-	-	-	1,385,570	-	-	-	4,607,612	-	-	4,607,612

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	1,385,570	-	-	-	4,607,612	-	-	4,607,612
	<b>Total Project/Programme</b>	-	-	-	-	-	-	1,385,570	-	-	-	4,607,612	-	-	4,607,612

**Table 4: Nominal Capex Project - CPP10**

Project/Programme Name:	Rural major projects - Springston
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Springston district
Policy Reference:	CPP10
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtransmission</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Substations</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	100,000	-	1,062,935	-	-	-	-	-	1,062,935
<b>Distribution Conductors</b>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Substations</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	257,572	-	-	-	-	-	257,572
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	257,572	-	-	-	-	-	257,572
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	-	-	-	100,000	-	1,320,508	-	-	-	-	-	1,320,508

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	100,000	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	1,320,508	-	-	-	-	-	1,320,508
	<b>Total Project/Programme</b>	-	-	-	-	-	100,000	-	1,320,508	-	-	-	-	-	1,320,508



**Table 4: Nominal Capex Project - CPP11**

Project/Programme Name:	Rural major projects - Norwood
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Norwood district
Policy Reference:	CPP11
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	3,288,895	3,288,895
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	103,677	103,677
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	293,836	-	293,836
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	1,381,889	1,381,889
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	1,018,975	1,018,975
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	413,289	413,289
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	22,465	22,465
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	293,836	6,229,190	6,523,026
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	56,918	56,918
<i>Distribution Substations</i>															
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	7,334	7,334
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	64,252	64,252
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	36,318	36,318
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	297,224	297,224
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	416,812	416,812
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	750,354	750,354
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	189,338	189,338
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	37,116	37,116
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	226,454	226,454
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	-	-	-	293,836	7,270,250	7,564,086

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	293,836	-	293,836
To be tendered		-	-	-	-	-	-	-	-	-	-	-	-	7,270,250	7,270,250
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	-	-	-	293,836	7,270,250	7,564,086

**Table 4: Nominal Capex Project - CPP12**

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

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	165,820	756,766	
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	165,820	756,766	
	<b>Total Project/Programme</b>	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	165,820	756,766	

		Nominal terms (\$)														
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	165,820	756,766	
	<b>Total Project/Programme</b>	-	-	-	-	-	-	127,662	135,944	144,911	151,563	158,527	165,820	165,820	756,766	

**Table 4: Nominal Capex Project - CPP13**

Project/Programme Name:	Rural major projects - Annat
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Annat district
Policy Reference:	CPP13
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	48,896	-	-	48,896
	Power Transformers	-	-	-	-	-	-	-	-	-	-	488,959	-	-	488,959
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	537,855	-	-	537,855
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	-	-	537,855	-	-	537,855

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	-	-	-	537,855	-	-	537,855
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	-	-	537,855	-	-	537,855

**Table 4: Nominal Capex Project - CPP14**

Project/Programme Name:	Rural major projects - Banks Peninsula
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in Banks Peninsula
Policy Reference:	CPP14
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	21,500	254,711	-	-	-	-	-	254,711
	Power Transformers	-	-	-	-	-	-	383,775	618,837	-	-	-	-	-	618,837
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	405,275	873,548	-	-	-	-	-	873,548
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	405,275	873,548	-	-	-	-	-	873,548

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	405,275	873,548	-	-	-	-	-	873,548
	<b>Total Project/Programme</b>	-	-	-	-	-	-	405,275	873,548	-	-	-	-	-	873,548

**Table 4: Nominal Capex Project - CPP15**

Project/Programme Name:	Rural major projects - Southbridge
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

		Nominal terms (\$)												Total (CPP Period)	
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	1,403,556	-	-	1,403,556
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	113,885	-	-	-	113,885
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	1,342,277	-	-	1,342,277
	Power Transformers	-	-	-	-	-	-	-	-	-	-	978,872	-	-	978,872
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	408,391	-	-	408,391
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	21,767	-	-	21,767
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	113,885	4,154,864	-	-	4,268,749
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	55,724	-	-	55,724
<i>Distribution Substations</i>															
	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	-	-	55,724
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	35,408	-	-	35,408
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	326,401	-	-	326,401
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	401,266	-	-	401,266
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	763,075	-	-	763,075
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	182,934	-	-	182,934
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	35,630	-	-	35,630
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	218,564	-	-	218,564
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	-	-	113,885	5,192,226	-	5,306,111

		Nominal terms (\$)												Total (CPP Period)	
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	113,885	-	-	-	113,885
To be tendered		-	-	-	-	-	-	-	-	-	-	5,192,226	-	-	5,192,226
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	-	-	113,885	5,192,226	-	5,306,111

**Table 4: Nominal Capex Project - CPP16**

Project/Programme Name:	Rural major projects - Dunsandel
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the Dunsandel district
Policy Reference:	CPP16
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)												Total (CPP Period)	
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	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
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	87,289	-	-	-	87,289
	<b>Distribution Substations</b>														
	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
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	-	2,693,657	-	-	-	2,693,657

		Nominal terms (\$)												Total (CPP Period)	
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period						
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	-	-	2,693,657	-	-	-	2,693,657
	<b>Total Project/Programme</b>	-	-	-	-	-	-	-	-	-	2,693,657	-	-	-	2,693,657







**Table 4: Nominal Capex Project - CPP19**

Project/Programme Name:	Rural major projects - Alpine
Project/Programme Description:	Subtransmission and major 11kV network reinforcement to provide for increased capacity or security of supply in the alpine regions
Policy Reference:	CPP19
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	53,419	-	-	-	-	53,419
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	3,422	-	-	-	-	3,422
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	56,841	-	-	-	-	56,841
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	129,378	-	-	-	-	129,378
<i>Distribution Substations</i>															
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	54,521	-	-	-	-	54,521
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	183,898	-	-	-	-	183,898
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	16,019
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	16,019	-	-	-	-	16,019
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	256,758	-	-	-	-	256,758

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	-	-	-	256,758	-	-	-	-	256,758
<b>Total Project/Programme</b>		-	-	-	-	-	-	-	-	256,758	-	-	-	-	256,758

**Table 4: Nominal Capex Project - CPP20**

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
Capex Category:	Major Projects

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-	-

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	855,759	1,219,050	-	-	-	-	-	-	-



**Table 4: Nominal Capex Project - Current Period**

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

		Nominal terms (\$)															
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)			
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)								
		FY15	FY16	FY17	FY18	FY19											
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtransmission</b>																	
Sub-transmission network including power transformers	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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Substations</b>																
	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	-	-	-	-	-	-	-	-	-	-	
<b>Distribution Conductors</b>																	
Distribution network including distribution transformers	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Distribution Substations</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>																
Switchgear (All voltages)	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Low voltage distribution network</b>																	
Low voltage distribution network	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Supporting or secondary systems</b>																	
Supporting or secondary systems	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Project/Programme</b>		-	-	1,720,651	1,355,208	3,271,653	-	-	-	-	-	-	-	-	-	-	
<b>Project costs by source</b>																	
		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)			
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)								
EDB		-	-	129	86	-	-	-									
Related party		-	-	1,098,329	935,240	694,155	-	-									
Other sources		-	-	622,193	419,882	2,577,498	-	-									
To be tendered		-	-	-	-	-	-	-									
<b>Total Project/Programme</b>		-	-	1,720,651	1,355,208	3,271,653	-	-									















**Summary**

		\$ Nominal							
Service Categories	Related Capex Categories	Assessment Period		Regulatory Period					Total
		2013	2014	2015	2016	2017	2018	2019	
(a) Provide and operate network infrastructure between input and offtake connection points and deliver electricity through the network	Major projects	-	-	-	-	-	-	-	-
	Reinforcement	4,149,859	4,938,904	5,347,864	5,725,034	6,134,633	6,309,912	6,544,364	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	4,188,087	2,700,220	16,784,347	9,419,435	1,197,647	-	-	
	<b>Subtotal</b>	<b>8,337,946</b>	<b>7,639,124</b>	<b>22,132,211</b>	<b>15,144,469</b>	<b>7,332,280</b>	<b>6,309,912</b>	<b>6,544,364</b>	
(b) Provide load management services	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(c) Provide connection services, including changes of connection point capacity and/or reliability	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	9,650,000	12,828,869	14,523,117	15,616,160	14,612,090	13,099,503	12,703,469	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>9,650,000</b>	<b>12,828,869</b>	<b>14,523,117</b>	<b>15,616,160</b>	<b>14,612,090</b>	<b>13,099,503</b>	<b>12,703,469</b>	
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	2,300,000	6,569,830	1,768,159	6,862,359	4,460,336	1,757,967	1,096,480	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>2,300,000</b>	<b>6,569,830</b>	<b>1,768,159</b>	<b>6,862,359</b>	<b>4,460,336</b>	<b>1,757,967</b>	<b>1,096,480</b>	
(e) Optionally, provide an additional service (or services if necessary) to those listed in (a) – (d), specified by the CPP applicant	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total Capex</b>		<b>20,287,945.96</b>	<b>27,037,822.52</b>	<b>38,423,487.58</b>	<b>37,622,987.65</b>	<b>26,404,706.59</b>	<b>21,167,382.90</b>	<b>20,344,312.90</b>	<b>143,962,877.62</b>

**Table 4: Nominal Capex Project - CPP50**

Project/Programme Name:	Underground conversions
Project/Programme Description:	Conversion of existing overhead assets to underground including asset relocations
Policy Reference:	CPP50
Service Category:	(d) Rearrangement of assets at 3rd party request
Capex Category:	Underground Conversions

		Nominal terms (\$)												Total (CPP Period)		
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	62,115	-	-	-	-	-	62,115
	66 kV Overhead lines (towers)	-	-	-	-	-	-	215,000	-	-	-	-	-	-	-	-
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	3,296,480	-	1,292,886	-	-	-	-	-	1,292,886
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	3,511,480	-	1,355,001	-	-	-	-	-	1,355,001
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	-	-	-	74,346	98,936	57,210	178,285	144,426	56,898	35,471	-	-	472,291
	11 kV Underground cables (XLPE)	-	-	-	-	-	1,137,017	1,515,959	877,005	2,736,445	2,218,031	872,905	543,549	-	-	7,247,935
<i>Distribution Substations</i>																
	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	-	-	-	-	-	1,211,363	1,614,895	934,215	2,914,730	2,362,457	929,803	579,020	-	-	7,720,225
<b>Switchgear (All voltages)</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	74,346	98,936	57,210	178,285	144,426	56,898	35,471	-	-	472,291
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	1,014,291	1,344,519	776,734	2,414,343	1,953,453	771,266	481,988	-	-	6,397,784
	Subtotal	-	-	-	-	-	1,088,637	1,443,455	833,944	2,592,628	2,097,879	828,164	517,460	-	-	6,870,074
<b>Supporting or secondary systems</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	2,587,597	2,475,258	3,626,625	2,300,000	6,569,830	1,768,159	6,862,359	4,460,336	1,757,967	1,096,480	-	-	15,945,300

		Nominal terms (\$)												Total (CPP Period)		
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	11,417	3,440	7,332	-	-	-	-	-	-	-	-	-	-
Related party		-	-	1,308,214	1,841,449	3,619,293	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	1,267,966	630,369	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	2,300,000	6,569,830	1,768,159	6,862,359	4,460,336	1,757,967	1,096,480	-	-	15,945,300
<b>Total Project/Programme</b>		-	-	2,587,597	2,475,258	3,626,625	2,300,000	6,569,830	1,768,159	6,862,359	4,460,336	1,757,967	1,096,480	-	-	15,945,300

**Table 4: Nominal Capex Project - CPP51**

Project/Programme Name:	Urban Reinforcement
Project/Programme Description:	11kV urban network reinforcement to provide for increased capacity or security of supply
Policy Reference:	CPP51
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Reinforcement

		Nominal terms (\$)												Total (CPP Period)		
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	6,211	65,221	6,848	-	-	-	78,280
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	77,888	-	8,820	-	9,065	-	-	-	17,885
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	77,888	-	15,032	65,221	15,913	-	-	-	96,166
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	-	-	-	13,770	22,040	-	-	28,938	14,250	-	-	-	43,188
	11 kV Underground cables (XLPE)	-	-	-	-	-	1,329,074	3,539,603	4,037,311	2,627,753	3,463,998	3,610,606	2,992,304	-	-	16,731,973
<i>Distribution Substations</i>																
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	36,112	10,879	34,288	6,053	18,832	6,488	-	-	-	65,661
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	278,952	402,991	413,653	254,738	396,185	238,121	323,784	-	-	1,626,481
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	1,657,908	3,975,512	4,485,252	2,888,544	3,907,954	3,869,465	3,316,088	-	-	18,467,303
<b>Switchgear (All voltages)</b>																
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	55,392	50,300	-	332,954	-	-	-	438,646
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	10,740	-	-	-	-	-	-	10,740
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	66,132	50,300	-	332,954	-	-	-	449,386
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	15,000	-	11,405	-	-	6,686	-	-	-	18,091
	Subtotal	-	-	-	-	-	15,000	-	11,405	-	-	6,686	-	-	-	18,091
<b>Supporting or secondary systems</b>																
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	97,532	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	98,031	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	195,563	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	3,995,648	4,949,100	2,465,963	1,672,908	4,248,963	4,562,789	2,953,876	3,973,174	4,225,019	3,316,088	-	-	19,030,946

		Nominal terms (\$)												Total (CPP Period)		
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	17,471	11,537	7,740	-	-	-	-	-	-	-	-	-	-
Related party		-	-	2,768,239	4,247,775	1,637,597	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	1,209,938	689,788	820,626	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	1,672,908	4,248,963	4,562,789	2,953,876	3,973,174	4,225,019	3,316,088	-	-	19,030,946
<b>Total Project/Programme</b>		-	-	3,995,648	4,949,100	2,465,963	1,672,908	4,248,963	4,562,789	2,953,876	3,973,174	4,225,019	3,316,088	-	-	19,030,946

**Table 4: Nominal Capex Project - CPP52**

Project/Programme Name:	Rural Reinforcement
Project/Programme Description:	11kV rural network reinforcement to provide for increased capacity and security of supply
Policy Reference:	CPP52
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Reinforcement

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	3,000	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	44,466	-	-	9,600	-	-	-	-	-	9,600
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	47,466	-	-	9,600	-	-	-	-	-	9,600
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	-	-	-	648,741	179,570	247,381	624,019	967,658	707,552	1,031,607	3,578,217	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	1,623,430	344,556	475,841	1,584,643	1,061,442	1,222,546	1,980,082	6,324,554	-	-
<i>Distribution Substations</i>																
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	15,506	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	66,146	-	-	77,209	-	-	-	77,209	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	2,353,822	524,126	723,222	2,285,871	2,029,100	1,930,098	3,011,689	9,979,980	-	-
<b>Switchgear (All voltages)</b>																
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	30,000	-	-	43,660	-	-	-	43,660	-	-
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	10,000	-	-	21,625	10,911	21,741	-	54,277	-	-
	11kV voltage regulators	-	-	-	-	-	35,662	48,902	61,854	410,402	121,448	133,055	216,587	943,345	-	-
	Subtotal	-	-	-	-	-	75,662	48,902	61,854	475,687	132,359	154,796	216,587	1,041,282	-	-
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>																
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	116,912	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	116,912	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	1,308,279	369,220	2,013,955	2,476,951	689,941	785,075	2,771,158	2,161,459	2,084,893	3,228,276	11,030,862	-	-

		Nominal terms (\$)														
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	2,438	439	1,634	-	-	-	-	-	-	-	-	-	-
Related party		-	-	1,218,510	237,916	1,186,032	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	87,331	130,865	826,289	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	2,476,951	689,941	785,075	2,771,158	2,161,459	2,084,893	3,228,276	11,030,862	-	-
<b>Total Project/Programme</b>		-	-	1,308,279	369,220	2,013,955	2,476,951	689,941	785,075	2,771,158	2,161,459	2,084,893	3,228,276	11,030,862	-	-

**Table 4: Nominal Capex Project - CPP53**

Project/Programme Name:	Connections and Extensions
Project/Programme Description:	Infrastructure to provide for new customer connections or increased connection capacity or network extensions
Policy Reference:	CPP53
Service Category:	(c) Provide connection services
Capex Category:	Customer Connection/Network Extension

		Nominal terms (\$)												Total (CPP Period)		
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	87,533	69,659	198,312	361,656	469,328	507,781	555,517	515,713	475,638	449,759	2,504,407		
	11 kV Underground cables (XLPE)	-	-	-	-	-	1,474,409	1,913,366	2,070,133	2,264,744	2,102,469	1,939,090	1,833,585	10,210,021		
<i>Distribution Substations</i>																
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	549,199	408,461	678,351	1,152,852	1,428,925	1,449,218	1,498,791	1,335,195	1,197,343	1,143,217	6,623,764		
	Distribution transformers (pad)	-	-	1,286,241	1,396,553	1,587,489	1,350,000	2,025,769	1,965,750	1,938,708	1,884,892	1,558,270	1,608,036	8,955,656		
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Distribution substations mount (pad)	-	-	-	-	-	731,139	908,796	962,224	1,020,395	933,572	868,442	829,679	4,614,312		
	Distribution substation mount (building & in customer building)	-	-	-	-	-	81,621	101,454	107,419	113,913	104,220	96,949	92,622	515,123		
	Subtotal	-	-	1,922,973	1,874,673	2,464,152	5,151,678	6,847,638	7,062,526	7,392,068	6,876,062	6,135,731	5,956,898	33,423,284		
<b>Switchgear (All voltages)</b>																
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	876,294	1,088,125	1,579,298	700,000	1,062,104	2,143,695	2,415,449	2,347,023	1,991,680	2,042,882	10,940,728		
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal	-	-	876,294	1,088,125	1,579,298	700,000	1,062,104	2,143,695	2,415,449	2,347,023	1,991,680	2,042,882	10,940,728		
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-		
	LV Underground cables (XLPE)	-	-	2,233,250	3,092,938	2,676,343	3,615,190	4,691,495	5,075,882	5,553,060	5,155,169	4,754,569	4,495,876	25,034,556		
	Link Pillars & LV customer service connections	-	-	80,120	2,000	177,763	183,132	227,631	241,014	255,584	233,837	217,523	207,814	1,155,772		
	Subtotal	-	-	2,313,370	3,094,938	2,854,106	3,798,322	4,919,126	5,316,896	5,808,644	5,389,006	4,972,092	4,703,690	26,190,328		
<b>Supporting or secondary systems</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Total Project/Programme</b>		-	-	5,112,637	6,057,736	6,897,556	9,650,000	12,828,869	14,523,117	15,616,160	14,612,090	13,099,503	12,703,469	70,554,340		

		Nominal terms (\$)												Total (CPP Period)		
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	32,745	17,093	14,814	-	-	-	-	-	-	-	-	-	-
Related party		-	-	1,321,913	2,201,870	1,801,933	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	3,757,979	3,838,773	5,080,809	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	9,650,000	12,828,869	14,523,117	15,616,160	14,612,090	13,099,503	12,703,469	70,554,340		
<b>Total Project/Programme</b>		-	-	5,112,637	6,057,736	6,897,556	9,650,000	12,828,869	14,523,117	15,616,160	14,612,090	13,099,503	12,703,469	70,554,340		

**Table 4: Nominal Capex Project - CPP54**

Project/Programme Name:	Spur asset acquisitions
Project/Programme Description:	Transpower spur asset purchases
Policy Reference:	CPP54
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Asset Acquisitions

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>		<b>Subtransmission</b>														
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	704,203	300,102	1,561,818	-	-	-	-	-	-	1,561,818
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	12,492	7,061	1,313,693	160,796	292,561	-	-	-	-	1,767,050
		<b>Substations</b>														
	Zone sub land	-	-	-	-	-	740,000	207,892	4,001,305	437,517	-	-	-	-	-	4,438,822
	Zone sub site development and buildings	-	-	-	-	-	703,920	447,974	2,182,818	1,765,897	237,648	-	-	-	-	4,186,363
	Power Transformers	-	-	-	-	-	795,990	537,569	3,421,417	2,109,732	227,967	-	-	-	-	5,759,116
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	265,330	570,103	929,815	703,244	75,989	-	-	-	-	1,709,048
	Outdoor Structure (concrete pole)	-	-	-	-	-	265,330	179,190	691,661	703,244	75,989	-	-	-	-	1,470,894
	DC Supplies, batteries and inverters	-	-	-	-	-	132,665	89,595	345,831	351,622	37,995	-	-	-	-	735,448
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	3,619,929	2,339,486	14,448,358	6,232,052	948,149	-	-	-	-	21,628,559
<b>Distribution network including distribution transformers</b>		<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>		<b>Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)</b>														
	Indoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	265,330	179,190	691,661	1,117,117	75,989	-	-	-	-	1,884,767
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	-	-	-	265,330	179,190	1,206,430	2,016,667	75,989	-	-	-	-	3,299,086
	11kV Disconnectors & Dropout fuses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	530,660	358,380	1,898,091	3,133,784	151,978	-	-	-	-	5,183,853
<b>Low voltage distribution network</b>		<b>LV Overhead lines (wood pole)</b>														
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>		<b>Ripple Injection Plant</b>														
	SCADA and communications equipment	-	-	-	-	-	4,164	2,354	437,898	53,599	97,520	-	-	-	-	589,017
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	33,334	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	37,498	2,354	437,898	53,599	97,520	-	-	-	-	589,017
<b>Total Project/Programme</b>		-	-	-	-	-	4,188,087	2,700,220	16,784,347	9,419,435	1,197,647	-	-	-	-	27,401,429

		Nominal terms (\$)														
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)							
		FY15	FY16	FY17	FY18	FY19										
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	4,188,087	2,700,220	16,784,347	9,419,435	1,197,647	-	-	-	-	27,401,429
To be tendered		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Project/Programme</b>	-	-	-	-	-	4,188,087	2,700,220	16,784,347	9,419,435	1,197,647	-	-	-	-	27,401,429



**Summary**

		\$ Nominal						
Service Categories	Related Capex Categories	Assessment Period		Regulatory Period				Total
		2013	2014	2015	2016	2017	2018	
(a) Provide and operate network infrastructure between input and offtake connection points and deliver electricity through the network	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	17,708,042	20,238,444	22,198,605	23,356,638	24,363,035	22,303,861	24,668,295
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>17,708,042</b>	<b>20,238,444</b>	<b>22,198,605</b>	<b>23,356,638</b>	<b>24,363,035</b>	<b>22,303,861</b>	<b>24,668,295</b>
(b) Provide load management services	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	5,195,000	4,668,867	4,234,319	6,381,911	5,862,051	5,754,565	5,931,955
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>5,195,000</b>	<b>4,668,867</b>	<b>4,234,319</b>	<b>6,381,911</b>	<b>5,862,051</b>	<b>5,754,565</b>	<b>5,931,955</b>
(c) Provide connection services, including changes of connection point capacity and/or reliability	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	-	-	-	-	-	-	-
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	-	-	-	-	-	-	-
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
(e) Optionally, provide an additional service (or services if necessary) to those listed in (a) – (d), specified by the CPP applicant	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	-	-	-	-	-	-	-
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Capex</b>	<b>22,903,042</b>	<b>24,907,312</b>	<b>26,432,925</b>	<b>29,738,550</b>	<b>30,225,087</b>	<b>28,058,427</b>	<b>30,600,250</b>	<b>145,055,238</b>

**Table 4: Nominal Capex Project - CPP30**

Project/Programme Name:	Overhead lines subtransmission
Project/Programme Description:	Replacement of 66kV overhead and 33kV overhead lines
Policy Reference:	CPP30
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtransmission</b>															
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	2,276,673	-	-	-	-	-	2,276,673
	66 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines (wood pole)	228,113	207,738	231,271	250,233	428,119	340,000	380,286	412,733	455,335	483,921	497,136	509,389	2,358,515	
	33 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Substations</b>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	228,113	207,738	231,271	250,233	428,119	340,000	380,286	412,733	2,732,007	483,921	497,136	509,389	4,635,187	
<b>Distribution Conductors</b>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Substations</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		<b>228,113</b>	<b>207,738</b>	<b>231,271</b>	<b>250,233</b>	<b>428,119</b>	<b>340,000</b>	<b>380,286</b>	<b>412,733</b>	<b>2,732,007</b>	<b>483,921</b>	<b>497,136</b>	<b>509,389</b>	<b>4,635,187</b>	

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	92,046	79,148	-	-	-	-	-	-	-	-	-
Other sources		228,113	207,738	231,271	158,187	348,971	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	340,000	380,286	412,733	2,732,007	483,921	497,136	509,389	4,635,187	
<b>Total Project/Programme</b>		<b>228,113</b>	<b>207,738</b>	<b>231,271</b>	<b>250,233</b>	<b>428,119</b>	<b>340,000</b>	<b>380,286</b>	<b>412,733</b>	<b>2,732,007</b>	<b>483,921</b>	<b>497,136</b>	<b>509,389</b>	<b>4,635,187</b>	

**Table 4: Nominal Capex Project - CPP31**

Project/Programme Name:	Overhead lines 11kV and 400V
Project/Programme Description:	Replacement of 11kV and 400V overhead lines
Policy Reference:	CPP31
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	1,784,961	1,909,733	2,657,243	1,391,018	1,772,276	1,765,000	2,030,057	2,203,268	2,430,683	2,583,286	2,653,830	2,719,238	12,590,306	
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	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	1,784,961	1,909,733	2,657,243	1,391,018	1,772,276	1,765,000	2,030,057	2,203,268	2,430,683	2,583,286	2,653,830	2,719,238	12,590,306	
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	300,000	316,430	317,316	322,988	325,515	323,690	336,004	1,625,514	
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	300,000	316,430	317,316	322,988	325,515	323,690	336,004	1,625,514	
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	707,879	1,025,894	1,063,709	1,036,368	650,609	560,000	626,354	679,796	749,963	797,047	818,813	838,994	3,884,612	
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	707,879	1,025,894	1,063,709	1,036,368	650,609	560,000	626,354	679,796	749,963	797,047	818,813	838,994	3,884,612	
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		<b>2,492,840</b>	<b>2,935,627</b>	<b>3,720,952</b>	<b>2,427,386</b>	<b>2,422,885</b>	<b>2,625,000</b>	<b>2,972,841</b>	<b>3,200,381</b>	<b>3,503,633</b>	<b>3,705,848</b>	<b>3,796,333</b>	<b>3,894,236</b>	<b>18,100,431</b>	

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	3,226	1,699	968	-	-	-	-	-	-	-	-	-
Related party		-	-	1,422,887	1,194,633	878,480	-	-	-	-	-	-	-	-	-
Other sources		2,492,840	2,935,627	2,294,839	1,231,054	1,543,437	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	2,625,000	2,972,841	3,200,381	3,503,633	3,705,848	3,796,333	3,894,236	18,100,431	
<b>Total Project/Programme</b>		<b>2,492,840</b>	<b>2,935,627</b>	<b>3,720,952</b>	<b>2,427,386</b>	<b>2,422,885</b>	<b>2,625,000</b>	<b>2,972,841</b>	<b>3,200,381</b>	<b>3,503,633</b>	<b>3,705,848</b>	<b>3,796,333</b>	<b>3,894,236</b>	<b>18,100,431</b>	

**Table 4: Nominal Capex Project - CPP32**

Project/Programme Name:	Underground cables 11kV and 400V
Project/Programme Description:	Replacement of 11kV and 400V underground cables
Policy Reference:	CPP32
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	38,081	91,552	-	1,200,000	1,342,187	1,456,706	1,607,063	1,707,958	1,754,598	1,797,843	8,324,169	-
<i>Distribution Substations</i>															
	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	-	-	38,081	91,552	-	1,200,000	1,342,187	1,456,706	1,607,063	1,707,958	1,754,598	1,797,843	8,324,169	-
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	64,657	123,465	800,000	894,791	971,138	1,071,375	1,138,639	1,169,732	1,198,562	5,549,446	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	64,657	123,465	800,000	894,791	971,138	1,071,375	1,138,639	1,169,732	1,198,562	5,549,446	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		-	-	38,081	156,209	123,465	2,000,000	2,236,978	2,427,844	2,678,438	2,846,597	2,924,331	2,996,405	13,873,615	-

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	3,677	-	-	-	-	-	-	-	-	-	-
Related party		-	-	36,286	152,532	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	1,795	-	123,465	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	2,000,000	2,236,978	2,427,844	2,678,438	2,846,597	2,924,331	2,996,405	13,873,615	-
<b>Total Project/Programme</b>		-	-	38,081	156,209	123,465	2,000,000	2,236,978	2,427,844	2,678,438	2,846,597	2,924,331	2,996,405	13,873,615	-

**Table 4: Nominal Capex Project - CPP33**

Project/Programme Name:	Pilots and protection
Project/Programme Description:	Replacement of communication cables and hardware
Policy Reference:	CPP33
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtransmission</b>															
	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	125,353	222	90,959	-	42,653	210,000	234,883	254,924	281,236	298,893	307,055	314,623	1,456,730	-
<b>Substations</b>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	543,936	1,121,332	942,754	1,586,013	2,144,800	2,430,000	2,245,343	2,239,445	2,854,647	3,007,866	2,949,701	3,248,502	14,300,161	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	669,289	1,121,554	1,033,713	1,586,013	2,187,453	2,640,000	2,480,226	2,494,368	3,135,883	3,306,758	3,256,756	3,563,125	15,756,890	-
<b>Distribution Conductors</b>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Substations</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		<b>669,289</b>	<b>1,121,554</b>	<b>1,033,713</b>	<b>1,586,013</b>	<b>2,187,453</b>	<b>2,640,000</b>	<b>2,480,226</b>	<b>2,494,368</b>	<b>3,135,883</b>	<b>3,306,758</b>	<b>3,256,756</b>	<b>3,563,125</b>	<b>15,756,890</b>	

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	609	-	-	-	-	-	-	-	-	-
Related party		-	-	174,941	759,731	336,428	-	-	-	-	-	-	-	-	-
Other sources		669,289	1,121,554	858,772	826,282	1,850,416	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	2,640,000	2,480,226	2,494,368	3,135,883	3,306,758	3,256,756	3,563,125	15,756,890	-
<b>Total Project/Programme</b>		<b>669,289</b>	<b>1,121,554</b>	<b>1,033,713</b>	<b>1,586,013</b>	<b>2,187,453</b>	<b>2,640,000</b>	<b>2,480,226</b>	<b>2,494,368</b>	<b>3,135,883</b>	<b>3,306,758</b>	<b>3,256,756</b>	<b>3,563,125</b>	<b>15,756,890</b>	

**Table 4: Nominal Capex Project - CPP34**

Project/Programme Name:	Control systems
Project/Programme Description:	Replacement of communication equipment
Policy Reference:	CPP34
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>																
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	1,765,000	1,671,806	1,602,447	1,652,622	1,535,346	1,483,580	1,853,623	8,127,618	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	1,765,000	1,671,806	1,602,447	1,652,622	1,535,346	1,483,580	1,853,623	8,127,618	-	-
<b>Total Project/Programme</b>		-	-	-	-	-	1,765,000	1,671,806	1,602,447	1,652,622	1,535,346	1,483,580	1,853,623	8,127,618	-	-

		Nominal terms (\$)														
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	1,765,000	1,671,806	1,602,447	1,652,622	1,535,346	1,483,580	1,853,623	8,127,618	-	-
<b>Total Project/Programme</b>		-	-	-	-	-	1,765,000	1,671,806	1,602,447	1,652,622	1,535,346	1,483,580	1,853,623	8,127,618	-	-

**Table 4: Nominal Capex Project - CPP35**

Project/Programme Name:	Load management systems
Project/Programme Description:	Replacement of load management equipment including ripple plant
Policy Reference:	CPP35
Service Category:	(b) Provide load management services
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>														
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>														
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>														
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>														
	Ripple Injection Plant	10,756	23,329	-	7,060	181,367	790,000	516,836	137,504	1,593,407	1,019,947	1,014,229	515,206	4,280,294	
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	10,756	23,329	-	7,060	181,367	790,000	516,836	137,504	1,593,407	1,019,947	1,014,229	515,206	4,280,294	
	<b>Total Project/Programme</b>	10,756	23,329	-	7,060	181,367	790,000	516,836	137,504	1,593,407	1,019,947	1,014,229	515,206	4,280,294	

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	16,642	-	-	-	-	-	-	-	-	-
Other sources		10,756	23,329	-	7,060	164,725	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	790,000	516,836	137,504	1,593,407	1,019,947	1,014,229	515,206	4,280,294	
	<b>Total Project/Programme</b>	10,756	23,329	-	7,060	181,367	790,000	516,836	137,504	1,593,407	1,019,947	1,014,229	515,206	4,280,294	

**Table 4: Nominal Capex Project - CPP36**

Project/Programme Name:	Switchgear
Project/Programme Description:	Switchgear replacement programme
Policy Reference:	CPP36
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	Surge Diverters (3ph, 66/33kV) / Air break isolators (66/33kV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Indoor circuit breakers and switchgear (66/33/11kV)	2,450,049	2,081,985	1,831,404	2,266,841	1,946,798	4,785,000	4,824,504	6,209,880	5,575,848	5,509,884	5,680,764	6,325,839	29,302,216	
	Outdoor circuit breakers and switchgear (66/33/11kV)	-	-	2,042,898	336,850	-	829,000	1,024,179	1,530,522	1,966,996	4,173,103	1,637,873	2,471,871	11,780,365	
	11kV Disconnectors & Dropout fuses	-	-	384,004	167,940	270,871	900,000	406,085	407,223	414,501	417,744	415,403	431,205	2,086,076	
	11kV voltage regulators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	2,450,049	2,081,985	4,258,306	2,771,631	2,217,669	6,514,000	6,254,768	8,147,624	7,957,346	10,100,731	7,734,039	9,228,916	43,168,657	
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	505,557	1,254,613	1,825,367	2,271,516	937,164	2,725,000	3,417,445	1,734,662	1,765,667	1,779,482	1,769,507	1,836,823	8,886,142	
	Subtotal	505,557	1,254,613	1,825,367	2,271,516	937,164	2,725,000	3,417,445	1,734,662	1,765,667	1,779,482	1,769,507	1,836,823	8,886,142	
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		<b>2,955,606</b>	<b>3,336,598</b>	<b>6,083,673</b>	<b>5,043,147</b>	<b>3,154,833</b>	<b>9,239,000</b>	<b>9,672,214</b>	<b>9,882,287</b>	<b>9,723,013</b>	<b>11,880,214</b>	<b>9,503,546</b>	<b>11,065,739</b>	<b>52,054,798</b>	

		Nominal terms (\$)												
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
EDB		-	-	4,687	1,742	1,677	-	-	-	-	-	-	-	-
Related party		-	-	1,188,665	1,724,314	322,129	-	-	-	-	-	-	-	-
Other sources		2,955,606	3,336,598	4,890,321	3,317,091	2,831,027	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	9,239,000	9,672,214	9,882,287	9,723,013	11,880,214	9,503,546	11,065,739	52,054,798
<b>Total Project/Programme</b>		<b>2,955,606</b>	<b>3,336,598</b>	<b>6,083,673</b>	<b>5,043,147</b>	<b>3,154,833</b>	<b>9,239,000</b>	<b>9,672,214</b>	<b>9,882,287</b>	<b>9,723,013</b>	<b>11,880,214</b>	<b>9,503,546</b>	<b>11,065,739</b>	<b>52,054,798</b>



**Table 4: Nominal Capex Project - CPP37**

Project/Programme Name:	Transformers
Project/Programme Description:	Transformer replacement programme
Policy Reference:	CPP37
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	Distribution transformers (pole, 1ph/2ph/3ph)	321,542	395,236	229,255	369,346	360,944	722,500	1,113,141	1,136,133	1,164,814	1,174,211	1,033,422	1,075,877	5,584,456	
	Distribution transformers (pad)	321,542	395,236	229,255	369,346	360,944	722,500	1,113,141	1,136,133	1,164,814	1,174,211	1,033,422	1,075,877	5,584,456	
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	643,083	790,472	458,509	738,692	721,887	1,445,000	2,226,283	2,272,266	2,329,627	2,348,422	2,066,843	2,151,753	11,168,911	
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	210,953	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	210,953	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		<b>643,083</b>	<b>790,472</b>	<b>458,509</b>	<b>738,692</b>	<b>721,887</b>	<b>1,445,000</b>	<b>2,437,236</b>	<b>2,272,266</b>	<b>2,329,627</b>	<b>2,348,422</b>	<b>2,066,843</b>	<b>2,151,753</b>	<b>11,168,911</b>	

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	86	-	-	-	-	-	-	-	-	-
Related party		-	-	27,349	50,742	98,307	-	-	-	-	-	-	-	-	-
Other sources		643,083	790,472	431,160	687,950	623,494	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	1,445,000	2,437,236	2,272,266	2,329,627	2,348,422	2,066,843	2,151,753	11,168,911	
<b>Total Project/Programme</b>		<b>643,083</b>	<b>790,472</b>	<b>458,509</b>	<b>738,692</b>	<b>721,887</b>	<b>1,445,000</b>	<b>2,437,236</b>	<b>2,272,266</b>	<b>2,329,627</b>	<b>2,348,422</b>	<b>2,066,843</b>	<b>2,151,753</b>	<b>11,168,911</b>	

**Table 4: Nominal Capex Project - CPP38**

Project/Programme Name:	Substations
Project/Programme Description:	Houses network assets
Policy Reference:	CPP38
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>																
<i>Subtransmission</i>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>																
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	29,804	41,302	35,167	34,153	37,662	65,000	78,760	78,898	80,890	81,542	81,159	84,493	406,982	-	-
	Other items	-	29,949	90,672	-	112,750	100,000	105,013	-	-	-	-	-	-	-	-
	Subtotal	29,804	71,251	125,839	34,153	150,412	165,000	183,773	78,898	80,890	81,542	81,159	84,493	406,982	-	-
<b>Distribution network including distribution transformers</b>																
<i>Distribution Conductors</i>																
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>																
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	210,022	-	50,228	36,056	20,710	120,000	126,016	368,191	377,486	380,531	378,741	394,300	1,899,250	-	-
	Distribution substations mount (pad)	26,964	245,367	368,667	37,915	433,742	400,000	210,027	-	-	-	-	-	-	-	-
	Distribution substation mount (building & in customer building)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	236,986	245,367	418,895	73,971	454,452	520,000	336,043	368,191	377,486	380,531	378,741	394,300	1,899,250	-	-
<b>Switchgear (All voltages)</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>																
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>																
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>		266,790	316,618	544,734	108,124	604,864	685,000	519,816	447,089	458,376	462,074	459,900	478,793	2,306,232	-	-

		Nominal terms (\$)														
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB		-	-	688	-	129	-	-	-	-	-	-	-	-	-	-
Related party		-	-	337,940	17,666	167,061	-	-	-	-	-	-	-	-	-	-
Other sources		266,790	316,618	206,106	90,458	437,674	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	685,000	519,816	447,089	458,376	462,074	459,900	478,793	2,306,232	-	-
<b>Total Project/Programme</b>		266,790	316,618	544,734	108,124	604,864	685,000	519,816	447,089	458,376	462,074	459,900	478,793	2,306,232	-	-

**Table 4: Nominal Capex Project - CPP39**

Project/Programme Name:	Buildings and grounds
Project/Programme Description:	Replacement of substation and kiosk buildings
Policy Reference:	CPP39
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)														
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)		
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtransmission</b>																
Sub-transmission network including power transformers	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Substations</b>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	29,454	13,300	118,772	46,456	13,856	205,000	172,961	732,169	191,237	198,837	206,755	2,169,577	3,498,575	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	29,454	13,300	118,772	46,456	13,856	205,000	172,961	732,169	191,237	198,837	206,755	2,169,577	3,498,575	-	
<b>Distribution Conductors</b>																
Distribution network including distribution transformers	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Distribution Substations</b>															
	Distribution transformers (pole, 1ph/2ph/3ph)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution transformers (pad)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations mount (pad)	47,126	21,280	190,034	74,329	22,169	75,000	314,474	330,302	347,704	361,522	375,918	390,915	1,806,360	-	
	Distribution substation mount (building & in customer building)	41,235	18,620	166,280	65,038	19,398	420,000	262,062	275,251	289,753	301,269	313,265	-	1,179,538	-	
		Subtotal	88,361	39,901	356,315	139,367	41,567	495,000	576,535	605,553	637,457	662,791	689,182	390,915	2,985,898	-
	Switchgear (All voltages)	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Project/Programme</b>		<b>117,814</b>	<b>53,201</b>	<b>475,086</b>	<b>185,822</b>	<b>55,423</b>	<b>700,000</b>	<b>749,496</b>	<b>1,337,721</b>	<b>828,694</b>	<b>861,628</b>	<b>895,937</b>	<b>2,560,492</b>	<b>6,484,473</b>		

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	275,636	-	-	-	-	-	-	-	-	-	-	-
Other sources		117,814	53,201	199,450	185,822	55,423	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	700,000	749,496	1,337,721	828,694	861,628	895,937	2,560,492	6,484,473	-
	<b>Total Project/Programme</b>	<b>117,814</b>	<b>53,201</b>	<b>475,086</b>	<b>185,822</b>	<b>55,423</b>	<b>700,000</b>	<b>749,496</b>	<b>1,337,721</b>	<b>828,694</b>	<b>861,628</b>	<b>895,937</b>	<b>2,560,492</b>	<b>6,484,473</b>	

**Table 4: Nominal Capex Project - CPP40**

Project/Programme Name:	Meters
Project/Programme Description:	Replacement of metering equipment
Policy Reference:	CPP40
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	67,087	7,507	-	-	11,339	160,000	137,120	137,504	193,793	86,804	86,317	145,602	650,020	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	67,087	7,507	-	-	11,339	160,000	137,120	137,504	193,793	86,804	86,317	145,602	650,020	-
<b>Total Project/Programme</b>		<b>67,087</b>	<b>7,507</b>	<b>-</b>	<b>-</b>	<b>11,339</b>	<b>160,000</b>	<b>137,120</b>	<b>137,504</b>	<b>193,793</b>	<b>86,804</b>	<b>86,317</b>	<b>145,602</b>	<b>650,020</b>	<b>-</b>

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		67,087	7,507	-	-	11,339	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	160,000	137,120	137,504	193,793	86,804	86,317	145,602	650,020	-
<b>Total Project/Programme</b>		<b>67,087</b>	<b>7,507</b>	<b>-</b>	<b>-</b>	<b>11,339</b>	<b>160,000</b>	<b>137,120</b>	<b>137,504</b>	<b>193,793</b>	<b>86,804</b>	<b>86,317</b>	<b>145,602</b>	<b>650,020</b>	<b>-</b>



**Table 4: Nominal Capex Project - CPP42**

Project/Programme Name:	Asset management systems
Project/Programme Description:	Replacement of asset management systems
Policy Reference:	CPP42
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)													
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	CPP Period (Forecast)						
		FY15	FY16	FY17	FY18	FY19									
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-transmission network including power transformers</b>															
<i>Subtransmission</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Substations</i>															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution network including distribution transformers</b>															
<i>Distribution Conductors</i>															
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Switchgear (All voltages)</b>															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Low voltage distribution network</b>															
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Supporting or secondary systems</b>															
	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	-	-	-	-	-	239,042	309,740	1,086,522	166,184	1,025,647	1,199,554	182,678	3,660,585	-
	Subtotal	-	-	-	-	-	239,042	309,740	1,086,522	166,184	1,025,647	1,199,554	182,678	3,660,585	-
<b>Total Project/Programme</b>		-	-	-	-	-	239,042	309,740	1,086,522	166,184	1,025,647	1,199,554	182,678	3,660,585	-

		Nominal terms (\$)													
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)	
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources		-	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	239,042	309,740	1,086,522	166,184	1,025,647	1,199,554	182,678	3,660,585	-
<b>Total Project/Programme</b>		-	-	-	-	-	239,042	309,740	1,086,522	166,184	1,025,647	1,199,554	182,678	3,660,585	-

**Table 4: Nominal Capex Project - CPP 43**

Project/Programme Name:	Distribution management system
Project/Programme Description:	Replacement of distribution management systems
Policy Reference:	CPP 43
Service Category:	(a) Provide and operate network infrastructure
Capex Category:	Replacement

		Nominal terms (\$)												
Asset Category	Asset Type	Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (CPP Period)
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>													
	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	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>													
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Conductors</b>													
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>													
	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	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Switchgear (All voltages)</b>													
	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	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>													
	LV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>													
	Ripple Injection Plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and communications equipment	999,113	626,907	1,228,034	761,557	778,386	225,000	822,718	994,258	742,872	661,881	873,964	683,209	3,956,183
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power factor correction plant	-	-	-	-	-	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	999,113	626,907	1,228,034	761,557	778,386	225,000	822,718	994,258	742,872	661,881	873,964	683,209	3,956,183
	<b>Total Project/Programme</b>	<b>999,113</b>	<b>626,907</b>	<b>1,228,034</b>	<b>761,557</b>	<b>778,386</b>	<b>225,000</b>	<b>822,718</b>	<b>994,258</b>	<b>742,872</b>	<b>661,881</b>	<b>873,964</b>	<b>683,209</b>	<b>3,956,183</b>

		Nominal terms (\$)												
Project costs by source		Current Period (Actual)					Assessment Period (Forecast)		Next Period					Total (Next Period)
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
EDB		-	-	172	86	-	-	-	-	-	-	-	-	-
Related party		-	-	124,740	133,401	56,637	-	-	-	-	-	-	-	-
Other sources		999,113	626,907	1,103,122	628,070	721,749	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	225,000	822,718	994,258	742,872	661,881	873,964	683,209	3,956,183
	<b>Total Project/Programme</b>	<b>999,113</b>	<b>626,907</b>	<b>1,228,034</b>	<b>761,557</b>	<b>778,386</b>	<b>225,000</b>	<b>822,718</b>	<b>994,258</b>	<b>742,872</b>	<b>661,881</b>	<b>873,964</b>	<b>683,209</b>	<b>3,956,183</b>

**Summary**

Service Categories	Related Opex Categories	Nominal \$							Total (CPP period)
		Assessment Period		Regulatory Period					
		FY13	FY14	FY15	FY16	FY17	FY18	FY19	
(a) Provide and operate network infrastructure between input and offtake connection points and deliver electricity through the network	Scheduled maintenance	15,855,000	17,764,642	20,063,195	20,862,235	20,330,494	20,739,950	21,750,172	158,092,249
	Non-scheduled maintenance	1,995,000	2,117,548	2,250,174	2,394,074	2,501,707	2,614,337	2,732,202	
	Emergency maintenance	4,925,000	6,902,504	7,310,956	9,196,870	8,092,376	8,443,304	8,810,201	
	<b>Subtotal</b>	<b>22,775,000</b>	<b>26,784,694</b>	<b>29,624,325</b>	<b>32,453,180</b>	<b>30,924,578</b>	<b>31,797,592</b>	<b>33,292,575</b>	
(b) Provide load management services	Scheduled maintenance	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>355,000</b>	<b>244,173</b>	<b>259,512</b>	<b>276,151</b>	<b>288,591</b>	<b>301,609</b>	<b>315,234</b>	
(c) Provide connection services, including changes of connection point capacity and/or reliability	Scheduled maintenance	-	-	-	-	-	-	-	-
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Scheduled maintenance	-	-	-	-	-	-	-	-
	Non-scheduled maintenance	-	-	-	-	-	-	-	
	Emergency maintenance	-	-	-	-	-	-	-	
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	Network management and operations	-	-	-	-	-	-	-	-
	General management, administration and overheads	-	-	-	-	-	-	-	-
	<b>Total Opex</b>	<b>23,130,000</b>	<b>27,028,868</b>	<b>29,883,838</b>	<b>32,729,330</b>	<b>31,213,168</b>	<b>32,099,201</b>	<b>33,607,809</b>	<b>159,533,346</b>



**Table 5: Nominal Opex Project - CPP100**

Project/Programme Name:	Subtransmission Overhead Lines
Project/Programme Description:	Scheduled maintenance for 66kV/33kV overhead lines
Policy Reference:	CPP100
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>													
	66 kV Overhead lines	206,665	38,622	74,632	48,217	46,439	505,000	573,276	592,365	678,370	708,930	740,910	774,379	3,494,954
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	87,877	124,520	306,030	77,336	202,274	415,000	440,574	468,251	498,272	520,718	544,208	568,791	2,600,241
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	294,542	163,142	380,662	125,553	248,713	920,000	1,013,850	1,060,616	1,176,641	1,229,648	1,285,119	1,343,170	6,095,195
	<b>Subtotal</b>	294,542	163,142	380,662	125,553	248,713	920,000	1,013,850	1,060,616	1,176,641	1,229,648	1,285,119	1,343,170	6,095,195
	<b>Distribution Conductors</b>													
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution switchgear</b>													
	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>													
	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Supporting or secondary systems</b>													
	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Non-asset related expenditure</b>													
	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	294,542	163,142	380,662	125,553	248,713	920,000	1,013,850	1,060,616	1,176,641	1,229,648	1,285,119	1,343,170	6,095,195
	<b>Total Project/Programme</b>	<b>294,542</b>	<b>163,142</b>	<b>380,662</b>	<b>125,553</b>	<b>248,713</b>	<b>920,000</b>	<b>1,013,850</b>	<b>1,060,616</b>	<b>1,176,641</b>	<b>1,229,648</b>	<b>1,285,119</b>	<b>1,343,170</b>	<b>6,095,195</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	91,359	12,555	39,794	-	-	-	-	-	-	-	-	-
Other sources	294,542	163,142	289,303	112,998	208,919	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	920,000	1,013,850	1,060,616	1,176,641	1,229,648	1,285,119	1,343,170	1,343,170	6,095,195
<b>Total Project/Programme</b>	<b>294,542</b>	<b>163,142</b>	<b>380,662</b>	<b>125,553</b>	<b>248,713</b>	<b>920,000</b>	<b>1,013,850</b>	<b>1,060,616</b>	<b>1,176,641</b>	<b>1,229,648</b>	<b>1,285,119</b>	<b>1,343,170</b>	<b>6,095,195</b>	

**Table 5: Nominal Opex Project - CPP101**

Project/Programme Name:	Overhead lines 11kV and 400V
Project/Programme Description:	Scheduled maintenance of 11kV and 400V overhead lines
Policy Reference:	CPP101
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		1,546,198	2,237,855	2,993,083	1,933,029	1,599,323	2,030,000	2,675,290	2,843,354	3,025,649	2,547,128	2,662,032	3,453,866	14,532,030	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: All other opex	1,546,198	2,237,855	2,993,083	1,933,029	1,599,323	2,030,000	2,675,290	2,843,354	3,025,649	2,547,128	2,662,032	3,453,866	14,532,030
		<b>Subtotal</b>	1,546,198	2,237,855	2,993,083	1,933,029	1,599,323	2,030,000	2,675,290	2,843,354	3,025,649	2,547,128	2,662,032	3,453,866	14,532,030
		<b>Subtotal</b>	1,546,198	2,237,855	2,993,083	1,933,029	1,599,323	2,030,000	2,675,290	2,843,354	3,025,649	2,547,128	2,662,032	3,453,866	14,532,030
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Low voltage distribution network	LV Overhead lines	1,721,675	1,446,333	1,435,441	1,190,340	1,601,470	2,515,000	3,084,015	3,215,698	3,421,865	3,042,752	3,180,013	2,706,899	15,567,228	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: All other opex	1,721,675	1,446,333	1,435,441	1,190,340	1,601,470	2,515,000	3,084,015	3,215,698	3,421,865	3,042,752	3,180,013	2,706,899	15,567,228
	<b>Subtotal</b>	1,721,675	1,446,333	1,435,441	1,190,340	1,601,470	2,515,000	3,084,015	3,215,698	3,421,865	3,042,752	3,180,013	2,706,899	15,567,228	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: All other opex	3,267,873	3,684,188	4,428,524	3,123,369	3,200,793	4,545,000	5,759,305	6,059,052	6,447,515	5,589,880	5,842,045	6,160,765	30,099,257	
	<b>Total Project/Programme</b>	<b>3,267,873</b>	<b>3,684,188</b>	<b>4,428,524</b>	<b>3,123,369</b>	<b>3,200,793</b>	<b>4,545,000</b>	<b>5,759,305</b>	<b>6,059,052</b>	<b>6,447,515</b>	<b>5,589,880</b>	<b>5,842,045</b>	<b>6,160,765</b>	<b>30,099,257</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Next Period							
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	442,852	312,337	265,666	-	-	-	-	-	-	-	-
Related party	-	-	619,993	312,337	166,441	-	-	-	-	-	-	-	-
Other sources	3,267,873	3,684,188	3,365,678	2,498,695	2,768,686	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	4,545,000	5,759,305	6,059,052	6,447,515	5,589,880	5,842,045	6,160,765	30,099,257
<b>Total Project/Programme</b>	<b>3,267,873</b>	<b>3,684,188</b>	<b>4,428,524</b>	<b>3,123,369</b>	<b>3,200,793</b>	<b>4,545,000</b>	<b>5,759,305</b>	<b>6,059,052</b>	<b>6,447,515</b>	<b>5,589,880</b>	<b>5,842,045</b>	<b>6,160,765</b>	<b>30,099,257</b>

**Table 5: Nominal Opex Project - CPP102**

Project/Programme Name:	Earths
Project/Programme Description:	Scheduled maintenance of earthing system assets
Policy Reference:	CPP102
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
		FY13	FY14	FY15	FY16	FY17	FY18	FY19							
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723	
		<b>Subtotal</b>	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: All other opex	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723	
	<b>Total Project/Programme</b>	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
		FY13	FY14	FY15	FY16	FY17	FY18	FY19						
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	104,766	106,490	121,738	-	-	-	-	-	-	-	-	-
Other sources	255,937	126,485	85,718	6,797	23,188	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723	-
	<b>Total Project/Programme</b>	255,937	126,485	190,484	113,287	144,926	270,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723

**Table 5: Nominal Opex Project - CPP103**

Project/Programme Name:	Underground cables subtransmission
Project/Programme Description:	Scheduled maintenance of 66kV and 33KV underground cables
Policy Reference:	CPP103
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

		Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Assessment Period (Forecast)		Next Period						
Asset Category	Asset Type	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	2,263,922	2,737,583	1,953,043	1,019,368	26,044	780,000	934,228	992,917	1,056,576	1,104,174	1,153,984	1,206,112	5,513,763	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	415	7,031	468	699	759	45,000	47,773	50,774	54,029	56,463	59,011	61,676	281,954	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	2,264,337	2,744,614	1,953,511	1,020,067	26,803	825,000	982,001	1,043,692	1,110,605	1,160,637	1,212,995	1,267,788	5,795,717	
		<b>Subtotal</b>	2,264,337	2,744,614	1,953,511	1,020,067	26,803	825,000	982,001	1,043,692	1,110,605	1,160,637	1,212,995	1,267,788	5,795,717
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	2,264,337	2,744,614	1,953,511	1,020,067	26,803	825,000	982,001	1,043,692	1,110,605	1,160,637	1,212,995	1,267,788	5,795,717	
	<b>Total Project/Programme</b>	<b>2,264,337</b>	<b>2,744,614</b>	<b>1,953,511</b>	<b>1,020,067</b>	<b>26,803</b>	<b>825,000</b>	<b>982,001</b>	<b>1,043,692</b>	<b>1,110,605</b>	<b>1,160,637</b>	<b>1,212,995</b>	<b>1,267,788</b>	<b>5,795,717</b>	

		Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Assessment Period		Next Period					
Project costs by source		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
EDB		-	-	1,954	-	-	-	-	-	-	-	-	-	-
Related party		-	-	1,494,436	1,020,067	26,803	-	-	-	-	-	-	-	-
Other sources		2,264,337	2,744,614	457,122	-	-	-	-	-	-	-	-	-	-
To be tendered		-	-	-	-	-	825,000	982,001	1,043,692	1,110,605	1,160,637	1,212,995	1,267,788	5,795,717
	<b>Total Project/Programme</b>	<b>2,264,337</b>	<b>2,744,614</b>	<b>1,953,511</b>	<b>1,020,067</b>	<b>26,803</b>	<b>825,000</b>	<b>982,001</b>	<b>1,043,692</b>	<b>1,110,605</b>	<b>1,160,637</b>	<b>1,212,995</b>	<b>1,267,788</b>	<b>5,795,717</b>

**Table 5: Nominal Opex Project - CPP104**

Project/Programme Name:	Underground cables 11kV and 400V
Project/Programme Description:	Scheduled maintenance of 11kV and 400V UG cables
Policy Reference:	CPP104
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		136,538	204,950	220,197	151,093	185,257	710,000	541,428	575,441	612,334	639,919	668,786	698,997	3,195,476	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		136,538	204,950	220,197	151,093	185,257	710,000	541,428	575,441	612,334	639,919	668,786	698,997	3,195,476	
		<b>Subtotal</b>	136,538	204,950	220,197	151,093	185,257	710,000	541,428	575,441	612,334	639,919	668,786	698,997	3,195,476
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	347,065	384,521	636,385	485,908	230,809	720,000	764,369	812,387	864,471	903,415	944,169	986,819	4,511,261	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	347,065	384,521	636,385	485,908	230,809	720,000	764,369	812,387	864,471	903,415	944,169	986,819	4,511,261	
	<b>Subtotal</b>	347,065	384,521	636,385	485,908	230,809	720,000	764,369	812,387	864,471	903,415	944,169	986,819	4,511,261	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	483,603	589,471	856,582	637,001	416,066	1,430,000	1,305,796	1,387,828	1,476,805	1,543,334	1,612,955	1,685,816	7,706,737	
	<b>Total Project/Programme</b>	<b>483,603</b>	<b>589,471</b>	<b>856,582</b>	<b>637,001</b>	<b>416,066</b>	<b>1,430,000</b>	<b>1,305,796</b>	<b>1,387,828</b>	<b>1,476,805</b>	<b>1,543,334</b>	<b>1,612,955</b>	<b>1,685,816</b>	<b>7,706,737</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	531,081	254,800	174,748	-	-	-	-	-	-	-	-	
Other sources	483,603	589,471	325,501	382,201	241,318	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	1,430,000	1,305,796	1,387,828	1,476,805	1,543,334	1,612,955	1,685,816	7,706,737	
	<b>Total Project/Programme</b>	<b>483,603</b>	<b>589,471</b>	<b>856,582</b>	<b>637,001</b>	<b>416,066</b>	<b>1,430,000</b>	<b>1,305,796</b>	<b>1,387,828</b>	<b>1,476,805</b>	<b>1,543,334</b>	<b>1,612,955</b>	<b>1,685,816</b>	<b>7,706,737</b>

**Table 5: Nominal Opex Project - CPP105**

Project/Programme Name:	Mapping and asset storage
Project/Programme Description:	Mapping and asset storage
Policy Reference:	CPP105
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	334,691	315,745	299,715	334,845	299,009	508,000	519,480	531,818	547,384	560,949	574,864	589,137	2,804,152	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	334,691	315,745	299,715	334,845	299,009	508,000	519,480	531,818	547,384	560,949	574,864	589,137	2,804,152	
	<b>Subtotal</b>	334,691	315,745	299,715	334,845	299,009	508,000	519,480	531,818	547,384	560,949	574,864	589,137	2,804,152	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	334,691	315,745	299,715	334,845	299,009	508,000	519,480	531,818	547,384	560,949	574,864	589,137	2,804,152	
	<b>Total Project/Programme</b>	<b>334,691</b>	<b>315,745</b>	<b>299,715</b>	<b>334,845</b>	<b>299,009</b>	<b>508,000</b>	<b>519,480</b>	<b>531,818</b>	<b>547,384</b>	<b>560,949</b>	<b>574,864</b>	<b>589,137</b>	<b>2,804,152</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	508,000	519,480	531,818	547,384	560,949	574,864	589,137	2,804,152	
Related party	334,691	315,745	299,715	308,392	299,009	-	-	-	-	-	-	-	-	
Other sources	-	-	-	26,453	-	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Total Project/Programme</b>	<b>334,691</b>	<b>315,745</b>	<b>299,715</b>	<b>334,845</b>	<b>299,009</b>	<b>508,000</b>	<b>519,480</b>	<b>531,818</b>	<b>547,384</b>	<b>560,949</b>	<b>574,864</b>	<b>589,137</b>	<b>2,804,152</b>

**Table 5: Nominal Opex Project - CPP106**

Project/Programme Name:	Control systems
Project/Programme Description:	Scheduled maintenance of communication systems for data acquisition of the network
Policy Reference:	CPP106
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers	<i>Distribution Conductors</i>													
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Distribution Substations</i>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	512,791	549,699	595,515	633,695	662,242	692,116	723,381	3,306,948
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	512,791	549,699	595,515	633,695	662,242	692,116	723,381	3,306,948	
	<b>Subtotal</b>	-	-	-	-	-	512,791	549,699	595,515	633,695	662,242	692,116	723,381	3,306,948
Non-asset related expenditure	Asset mapping	-	-	-	-	-	152,209	155,377	158,729	163,106	166,870	170,722	174,666	834,093
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	152,209	155,377	158,729	163,106	166,870	170,722	174,666	834,093	
	<b>Subtotal</b>	-	-	-	-	-	152,209	155,377	158,729	163,106	166,870	170,722	174,666	834,093
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	665,000	705,076	754,244	796,801	829,112	862,838	898,046	4,141,041
	<b>Total Project/Programme</b>	-	-	-	-	-	<b>665,000</b>	<b>705,076</b>	<b>754,244</b>	<b>796,801</b>	<b>829,112</b>	<b>862,838</b>	<b>898,046</b>	<b>4,141,041</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	665,000	705,076	754,244	796,801	829,112	862,838	898,046	4,141,041	
	<b>Total Project/Programme</b>	-	-	-	-	-	<b>665,000</b>	<b>705,076</b>	<b>754,244</b>	<b>796,801</b>	<b>829,112</b>	<b>862,838</b>	<b>898,046</b>	<b>4,141,041</b>

**Table 5: Nominal Opex Project - CPP107**

Project/Programme Name:	Protection and pilots
Project/Programme Description:	Scheduled maintenance of protection and communication assets
Policy Reference:	CPP107
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	159,042	254,286	128,684	55,282	67,353	385,000	414,033	451,326	480,262	501,897	511,425	534,527	2,479,437	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	159,042	254,286	128,684	55,282	67,353	385,000	414,033	451,326	480,262	501,897	511,425	534,527	2,479,437	
		<b>Subtotal</b>	159,042	254,286	128,684	55,282	67,353	385,000	414,033	451,326	480,262	501,897	511,425	534,527	2,479,437
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)		Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	42,430	75,401	132,148	99,189	34,359	225,000	238,865	253,871	270,147	282,317	295,053	308,381	1,409,769	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	42,430	75,401	132,148	99,189	34,359	225,000	238,865	253,871	270,147	282,317	295,053	308,381	1,409,769		
	<b>Subtotal</b>	42,430	75,401	132,148	99,189	34,359	225,000	238,865	253,871	270,147	282,317	295,053	308,381	1,409,769	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	201,472	329,687	260,832	154,471	101,712	610,000	652,898	705,197	750,409	784,214	806,478	842,908	3,889,206	
	<b>Total Project/Programme</b>	<b>201,472</b>	<b>329,687</b>	<b>260,832</b>	<b>154,471</b>	<b>101,712</b>	<b>610,000</b>	<b>652,898</b>	<b>705,197</b>	<b>750,409</b>	<b>784,214</b>	<b>806,478</b>	<b>842,908</b>	<b>3,889,206</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	309	-	-	-	-	-	-	-	-	-	
Related party	-	-	211,274	147,829	14,647	-	-	-	-	-	-	-	-	
Other sources	201,472	329,687	49,558	6,333	87,065	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	610,000	652,898	705,197	750,409	784,214	806,478	842,908	3,889,206	
	<b>Total Project/Programme</b>	<b>201,472</b>	<b>329,687</b>	<b>260,832</b>	<b>154,471</b>	<b>101,712</b>	<b>610,000</b>	<b>652,898</b>	<b>705,197</b>	<b>750,409</b>	<b>784,214</b>	<b>806,478</b>	<b>842,908</b>	<b>3,889,206</b>



**Table 5: Nominal Opex Project - CPP108**

Project/Programme Name:	Transformers
Project/Programme Description:	Scheduled maintenance of transformers
Policy Reference:	CPP108
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	310,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	310,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723
	<b>Subtotal</b>		-	-	-	-	310,000	286,638	304,645	324,177	338,781	354,063	370,057	1,691,723
	Distribution network including distribution transformers	<i>Distribution Conductors</i>												
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>														
Distribution transformers		-	-	-	-	-	855,000	870,531	913,935	972,530	1,016,342	1,062,190	1,110,171	5,075,168
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex		-	-	-	-	-	855,000	870,531	913,935	972,530	1,016,342	1,062,190	1,110,171	5,075,168
<b>Subtotal</b>			-	-	-	-	855,000	870,531	913,935	972,530	1,016,342	1,062,190	1,110,171	5,075,168
Switchgear (All voltages)		Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	871,526	938,285	1,147,999	957,465	1,141,188	1,165,000	1,157,169	1,218,580	1,296,707	1,355,123	1,416,253	1,480,228	6,766,891	
<b>Total Project/Programme</b>		871,526	938,285	1,147,999	957,465	1,141,188	1,165,000	1,157,169	1,218,580	1,296,707	1,355,123	1,416,253	1,480,228	6,766,891

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Next Period							
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	972,355	536,180	635,642	-	-	-	-	-	-	-	-
Other sources	871,526	938,285	175,644	421,285	505,546	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	1,165,000	1,157,169	1,218,580	1,296,707	1,355,123	1,416,253	1,480,228	6,766,891
<b>Total Project/Programme</b>	871,526	938,285	1,147,999	957,465	1,141,188	1,165,000	1,157,169	1,218,580	1,296,707	1,355,123	1,416,253	1,480,228	6,766,891

**Table 5: Nominal Opex Project - CPP109**

Project/Programme Name:	Buildings, grounds and substations
Project/Programme Description:	Scheduled maintenance of zone substations
Policy Reference:	CPP109
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	795,071	1,099,328	1,334,828	1,204,118	634,741	2,215,000	2,208,176	2,155,082	1,812,988	1,894,662	1,980,132	2,069,578	9,912,443	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Other items	260,628	257,049	217,049	171,237	153,429	410,000	456,498	462,609	468,255	489,350	511,425	534,527	2,466,166	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	1,055,699	1,356,377	1,551,877	1,375,355	788,170	2,625,000	2,664,674	2,617,691	2,281,244	2,384,012	2,491,557	2,604,105	12,378,609	
		<b>Subtotal</b>	1,055,699	1,356,377	1,551,877	1,375,355	788,170	2,625,000	2,664,674	2,617,691	2,281,244	2,384,012	2,491,557	2,604,105	12,378,609
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		289,630	340,566	407,080	265,994	300,261	725,000	769,677	818,028	870,475	909,689	557,322	582,497	3,738,011	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		289,630	340,566	407,080	265,994	300,261	725,000	769,677	818,028	870,475	909,689	557,322	582,497	3,738,011	
		<b>Subtotal</b>	289,630	340,566	407,080	265,994	300,261	725,000	769,677	818,028	870,475	909,689	557,322	582,497	3,738,011
Switchgear (All voltages)		Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	1,345,329	1,696,943	1,958,957	1,641,349	1,088,431	3,350,000	3,434,351	3,435,720	3,151,718	3,293,701	3,048,879	3,186,603	16,116,619	
	<b>Total Project/Programme</b>	<b>1,345,329</b>	<b>1,696,943</b>	<b>1,958,957</b>	<b>1,641,349</b>	<b>1,088,431</b>	<b>3,350,000</b>	<b>3,434,351</b>	<b>3,435,720</b>	<b>3,151,718</b>	<b>3,293,701</b>	<b>3,048,879</b>	<b>3,186,603</b>	<b>16,116,619</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	3,918	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	103,825	129,667	99,047	-	-	-	-	-	-	-	-	
Other sources	1,345,329	1,696,943	1,851,214	1,511,682	989,384	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	3,350,000	3,434,351	3,435,720	3,151,718	3,293,701	3,048,879	3,186,603	16,116,619	
	<b>Total Project/Programme</b>	<b>1,345,329</b>	<b>1,696,943</b>	<b>1,958,957</b>	<b>1,641,349</b>	<b>1,088,431</b>	<b>3,350,000</b>	<b>3,434,351</b>	<b>3,435,720</b>	<b>3,151,718</b>	<b>3,293,701</b>	<b>3,048,879</b>	<b>3,186,603</b>	<b>16,116,619</b>

**Table 5: Nominal Opex Project - CPP110**

Project/Programme Name:	Meters
Project/Programme Description:	Scheduled maintenance of meters
Policy Reference:	CPP110
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>												
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>														
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	360	3,982	20,845	26,573	73,030	155,000	164,552	174,889	186,101	194,485	203,259	212,440	971,174
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	360	3,982	20,845	26,573	73,030	155,000	164,552	174,889	186,101	194,485	203,259	212,440	971,174	
	<b>Subtotal</b>	360	3,982	20,845	26,573	73,030	155,000	164,552	174,889	186,101	194,485	203,259	212,440	971,174
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	360	3,982	20,845	26,573	73,030	155,000	164,552	174,889	186,101	194,485	203,259	212,440	971,174
	<b>Total Project/Programme</b>	<b>360</b>	<b>3,982</b>	<b>20,845</b>	<b>26,573</b>	<b>73,030</b>	<b>155,000</b>	<b>164,552</b>	<b>174,889</b>	<b>186,101</b>	<b>194,485</b>	<b>203,259</b>	<b>212,440</b>	<b>971,174</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	11,256	28,247	13,291	-	-	-	-	-	-	-	-	
Other sources	360	3,982	9,589	1,674	59,739	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	155,000	164,552	174,889	186,101	194,485	203,259	212,440	971,174	
	<b>Total Project/Programme</b>	<b>360</b>	<b>3,982</b>	<b>20,845</b>	<b>26,573</b>	<b>73,030</b>	<b>155,000</b>	<b>164,552</b>	<b>174,889</b>	<b>186,101</b>	<b>194,485</b>	<b>203,259</b>	<b>212,440</b>	<b>971,174</b>

**Table 5: Nominal Opex Project - CPP111**

Project/Programme Name:	Generators
Project/Programme Description:	Scheduled maintenance of generators
Policy Reference:	CPP111
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>												
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>														
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	5,240	7,152	-	-	323,209	100,000	233,557	248,229	528,288	200,759	209,815	232,999	1,420,090
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	5,240	7,152	-	-	323,209	100,000	233,557	248,229	528,288	200,759	209,815	232,999	1,420,090	
	<b>Subtotal</b>	5,240	7,152	-	-	323,209	100,000	233,557	248,229	528,288	200,759	209,815	232,999	1,420,090
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	5,240	7,152	-	-	323,209	100,000	233,557	248,229	528,288	200,759	209,815	232,999	1,420,090
	<b>Total Project/Programme</b>	<b>5,240</b>	<b>7,152</b>	<b>-</b>	<b>-</b>	<b>323,209</b>	<b>100,000</b>	<b>233,557</b>	<b>248,229</b>	<b>528,288</b>	<b>200,759</b>	<b>209,815</b>	<b>232,999</b>	<b>1,420,090</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Next Period							
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	5,240	7,152	-	-	323,209	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	100,000	233,557	248,229	528,288	200,759	209,815	232,999	1,420,090
	<b>Total Project/Programme</b>	<b>5,240</b>	<b>7,152</b>	<b>-</b>	<b>323,209</b>	<b>100,000</b>	<b>233,557</b>	<b>248,229</b>	<b>528,288</b>	<b>200,759</b>	<b>209,815</b>	<b>232,999</b>	<b>1,420,090</b>

**Table 5: Nominal Opex Project - CPP112**

Project/Programme Name:	Switchgear
Project/Programme Description:	Scheduled maintenance of switchgear
Policy Reference:	CPP112
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>												
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Distribution Substations</i>														
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	681,007	786,691	758,554	583,518	486,473	1,177,000	1,300,488	1,314,487	1,230,671	1,286,112	1,344,129	1,404,846	6,580,245
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	681,007	786,691	758,554	583,518	486,473	1,177,000	1,300,488	1,314,487	1,230,671	1,286,112	1,344,129	1,404,846	6,580,245
	<b>Subtotal</b>	681,007	786,691	758,554	583,518	486,473	1,177,000	1,300,488	1,314,487	1,230,671	1,286,112	1,344,129	1,404,846	6,580,245
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	681,007	786,691	758,554	583,518	486,473	1,177,000	1,300,488	1,314,487	1,230,671	1,286,112	1,344,129	1,404,846	6,580,245
	<b>Total Project/Programme</b>	<b>681,007</b>	<b>786,691</b>	<b>758,554</b>	<b>583,518</b>	<b>486,473</b>	<b>1,177,000</b>	<b>1,300,488</b>	<b>1,314,487</b>	<b>1,230,671</b>	<b>1,286,112</b>	<b>1,344,129</b>	<b>1,404,846</b>	<b>6,580,245</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	1,138,590	259,666	208,697	-	-	-	-	-	-	-	-	
Other sources	681,007	786,691	380,036	323,852	277,776	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	1,177,000	1,300,488	1,314,487	1,230,671	1,286,112	1,344,129	1,404,846	6,580,245	
	<b>Total Project/Programme</b>	<b>681,007</b>	<b>786,691</b>	<b>758,554</b>	<b>583,518</b>	<b>486,473</b>	<b>1,177,000</b>	<b>1,300,488</b>	<b>1,314,487</b>	<b>1,230,671</b>	<b>1,286,112</b>	<b>1,344,129</b>	<b>1,404,846</b>	<b>6,580,245</b>

**Table 5: Nominal Opex Project - CPP113**

Project/Programme Name:	Overhead lines
Project/Programme Description:	Non-scheduled maintenance of overhead lines
Policy Reference:	CPP113
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Non-scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Assessment Period (Forecast)		Next Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
		-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtransmission</b>													
	66 kV Overhead lines	4,300	16,621	22,128	24,314	14,043	15,000	15,924	16,925	18,010	18,821	19,670	20,559	93,985
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	25,946	21,373	16,185	42,211	5,447	30,000	31,849	33,849	36,020	37,642	39,340	41,117	187,969
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	30,246	37,994	38,313	66,525	19,490	45,000	47,773	50,774	54,029	56,463	59,011	61,676	281,954
	<b>Subtotal</b>	30,246	37,994	38,313	66,525	19,490	45,000	47,773	50,774	54,029	56,463	59,011	61,676	281,954
	<b>Distribution Conductors</b>													
	11 kV Overhead lines	239,900	216,245	459,955	264,243	217,275	415,000	440,574	468,251	498,272	520,718	544,208	568,791	2,600,241
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	239,900	216,245	459,955	264,243	217,275	415,000	440,574	468,251	498,272	520,718	544,208	568,791	2,600,241
	<b>Subtotal</b>	239,900	216,245	459,955	264,243	217,275	415,000	440,574	468,251	498,272	520,718	544,208	568,791	2,600,241
	<b>Switchgear (All voltages)</b>													
	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Low voltage distribution network</b>													
	LV Overhead lines	493,906	692,253	613,248	601,894	516,347	330,000	350,336	372,344	396,216	414,065	432,744	452,292	2,067,661
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	493,906	692,253	613,248	601,894	516,347	330,000	350,336	372,344	396,216	414,065	432,744	452,292	2,067,661
	<b>Subtotal</b>	493,906	692,253	613,248	601,894	516,347	330,000	350,336	372,344	396,216	414,065	432,744	452,292	2,067,661
	<b>Supporting or secondary systems</b>													
	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Non-asset related expenditure</b>													
	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	764,052	946,492	1,111,516	932,662	753,112	790,000	838,682	891,369	948,517	991,247	1,035,963	1,082,760	4,949,856
	<b>Total Project/Programme</b>	<b>764,052</b>	<b>946,492</b>	<b>1,111,516</b>	<b>932,662</b>	<b>753,112</b>	<b>790,000</b>	<b>838,682</b>	<b>891,369</b>	<b>948,517</b>	<b>991,247</b>	<b>1,035,963</b>	<b>1,082,760</b>	<b>4,949,856</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Assessment Period		Next Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	461,279	272,337	270,367	-	-	-	-	-	-	-	-
Other sources	764,052	946,492	650,237	660,325	482,745	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	790,000	838,682	891,369	948,517	991,247	1,035,963	1,082,760	4,949,856
<b>Total Project/Programme</b>	<b>764,052</b>	<b>946,492</b>	<b>1,111,516</b>	<b>932,662</b>	<b>753,112</b>	<b>790,000</b>	<b>838,682</b>	<b>891,369</b>	<b>948,517</b>	<b>991,247</b>	<b>1,035,963</b>	<b>1,082,760</b>	<b>4,949,856</b>

**Table 5: Nominal Opex Project - CPP114**

Project/Programme Name:	Network assets
Project/Programme Description:	Non-scheduled maintenance of network assets including earths, mapping & asset information, meters, protection, pilots, communication systems, load management systems, switchgear and transformers
Policy Reference:	CPP114
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Non-scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	76,639	131,869	108,824	74,075	32,179	110,000	116,779	124,115	132,072	138,022	144,248	150,764	689,220
	Other items	307	961	2,265	3,342	3,667	10,000	10,616	11,283	12,007	12,547	13,113	13,706	62,656
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	76,946	132,830	111,089	77,417	35,846	120,000	127,395	135,398	144,079	150,569	157,361	164,470	751,877
		<b>Subtotal</b>	76,946	132,830	111,089	77,417	120,000	127,395	135,398	144,079	150,569	157,361	164,470	751,877
Distribution network including distribution transformers	<i>Distribution Conductors</i>													
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Distribution Substations</i>													
	Distribution transformers	92,766	85,721	170,357	57,722	167,483	100,000	106,162	112,832	120,065	125,474	131,135	137,058	626,564
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	92,766	85,721	170,357	57,722	167,483	100,000	106,162	112,832	120,065	125,474	131,135	137,058	626,564	
	<b>Subtotal</b>	92,766	85,721	170,357	57,722	100,000	106,162	112,832	120,065	125,474	131,135	137,058	626,564	
Switchgear (All voltages)	Distribution switchgear	107,232	98,997	164,266	200,217	173,952	125,000	132,703	141,039	150,082	156,843	163,918	171,323	783,205
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	107,232	98,997	164,266	200,217	173,952	125,000	132,703	141,039	150,082	156,843	163,918	171,323	783,205
	<b>Subtotal</b>	107,232	98,997	164,266	200,217	173,952	125,000	132,703	141,039	150,082	156,843	163,918	171,323	783,205
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Load management	51,128	65,413	78,580	80,112	21,444	35,000	37,157	39,491	42,023	43,916	45,897	47,970	219,297
	SCADA and control	74,774	45,482	123,313	117,207	39,132	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251
	Communications Equipment	25,211	80,737	68,892	58,183	51,993	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251
	Metering systems	433	-	-	15,466	-	5,000	5,308	5,642	6,003	6,274	6,557	6,853	31,328
	Generators	-	-	-	-	-	10,000	10,616	11,283	12,007	12,547	13,113	13,706	62,656
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	151,546	191,632	270,785	270,968	112,569	210,000	222,941	236,946	252,137	263,496	275,383	287,822	1,315,784	
	<b>Subtotal</b>	151,546	191,632	270,785	270,968	210,000	222,941	236,946	252,137	263,496	275,383	287,822	1,315,784	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	10,000	10,226	10,469	10,775	11,042	11,316	11,597	55,200
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	10,000	10,226	10,469	10,775	11,042	11,316	11,597	55,200	
	<b>Subtotal</b>	-	-	-	-	-	10,000	10,226	10,469	10,775	11,042	11,316	11,597	55,200
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	428,490	509,180	716,497	606,324	489,850	565,000	599,427	636,684	677,139	707,425	739,113	772,270	3,532,630
	<b>Total Project/Programme</b>	<b>428,490</b>	<b>509,180</b>	<b>716,497</b>	<b>606,324</b>	<b>489,850</b>	<b>565,000</b>	<b>599,427</b>	<b>636,684</b>	<b>677,139</b>	<b>707,425</b>	<b>739,113</b>	<b>772,270</b>	<b>3,532,630</b>

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	
Related party	-	-	591,110	466,869	415,393	-	-	-	-	-	-	-	-	
Other sources	428,490	509,180	125,387	139,455	74,457	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	565,000	599,427	636,684	677,139	707,425	739,113	772,270	3,532,630	
	<b>Total Project/Programme</b>	<b>428,490</b>	<b>509,180</b>	<b>716,497</b>	<b>606,324</b>	<b>489,850</b>	<b>565,000</b>	<b>599,427</b>	<b>636,684</b>	<b>677,139</b>	<b>707,425</b>	<b>739,113</b>	<b>772,270</b>	<b>3,532,630</b>

**Table 5: Nominal Opex Project - CPP115**

Project/Programme Name:	Underground cables
Project/Programme Description:	Non-scheduled maintenance of underground cables
Policy Reference:	CPP115
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Non-scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	4,570	32,763	79,578	6,132	8,007	30,000	31,849	33,849	36,020	37,642	39,340	41,117	187,969	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	2,794	35,085	7,187	1,450	2,358	50,000	53,081	56,416	60,033	62,737	65,567	68,529	313,282	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	7,364	67,848	86,765	7,582	10,365	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251	
		<b>Subtotal</b>	7,364	67,848	86,765	7,582	10,365	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251
Distribution network including distribution transformers	<i>Distribution Conductors</i>														
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	11 kV Underground cables	221,460	287,928	61,045	112,086	96,849	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251	
	<i>Distribution Substations</i>														
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	221,460	287,928	61,045	112,086	96,849	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251	
		<b>Subtotal</b>	221,460	287,928	61,045	112,086	96,849	80,000	84,930	90,265	96,052	100,379	104,908	109,647	501,251
	Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	115,913	254,967	226,911	142,455	176,981	130,000	138,011	146,681	156,085	163,117	170,475	178,176	814,533	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	115,913	254,967	226,911	142,455	176,981	130,000	138,011	146,681	156,085	163,117	170,475	178,176	814,533	
	<b>Subtotal</b>	115,913	254,967	226,911	142,455	176,981	130,000	138,011	146,681	156,085	163,117	170,475	178,176	814,533	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	344,737	610,743	374,721	262,123	284,195	290,000	307,871	327,211	348,190	363,875	380,290	397,469	1,817,036	
	<b>Total Project/Programme</b>	<b>344,737</b>	<b>610,743</b>	<b>374,721</b>	<b>262,123</b>	<b>284,195</b>	<b>290,000</b>	<b>307,871</b>	<b>327,211</b>	<b>348,190</b>	<b>363,875</b>	<b>380,290</b>	<b>397,469</b>	<b>1,817,036</b>	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	1,874	1,048	284	-	-	-	-	-	-	-	-	
Related party	-	-	440,672	597,640	120,783	-	-	-	-	-	-	-	-	
Other sources	344,737	610,743	67,825	336,566	163,128	-	-	-	-	-	-	-	-	
To be tendered	-	-	-	-	-	290,000	307,871	327,211	348,190	363,875	380,290	397,469	1,817,036	
	<b>Total Project/Programme</b>	<b>344,737</b>	<b>610,743</b>	<b>374,721</b>	<b>262,123</b>	<b>284,195</b>	<b>290,000</b>	<b>307,871</b>	<b>327,211</b>	<b>348,190</b>	<b>363,875</b>	<b>380,290</b>	<b>397,469</b>	<b>1,817,036</b>



**Table 5: Nominal Opex Project - CPP116**

Project/Programme Name:	Buildings, grounds and substations
Project/Programme Description:	Non-scheduled maintenance of zone substations
Policy Reference:	CPP116
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Non-scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	196,273	212,678	197,440	458,946	151,431	200,000	212,325	225,663	240,131	250,949	262,269	274,116	1,253,128	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	153,663	112,943	213,003	206,879	127,783	110,000	116,779	124,115	132,072	138,022	144,248	150,764	689,220	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	349,936	325,621	410,443	665,825	279,214	310,000	329,103	349,778	372,203	388,970	406,517	424,880	1,942,348	
	<b>Subtotal</b>	349,936	325,621	410,443	665,825	279,214	310,000	329,103	349,778	372,203	388,970	406,517	424,880	1,942,348	
	<i>Distribution Conductors</i>														
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Distribution Substations</i>														
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	720	34,390	71,180	27,132	22,987	40,000	42,465	45,133	48,026	50,190	52,454	54,823	250,626	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	720	34,390	71,180	27,132	22,987	40,000	42,465	45,133	48,026	50,190	52,454	54,823	250,626	
	<b>Subtotal</b>	720	34,390	71,180	27,132	22,987	40,000	42,465	45,133	48,026	50,190	52,454	54,823	250,626	
	<i>Distribution switchgear</i>														
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Low voltage distribution network</i>														
	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Supporting or secondary systems</i>														
	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Non-asset related expenditure</i>														
	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	350,656	360,011	481,623	692,957	302,201	350,000	371,568	394,910	420,229	439,160	458,971	479,704	2,192,974	
	<b>Total Project/Programme</b>	350,656	360,011	481,623	692,957	302,201	350,000	371,568	394,910	420,229	439,160	458,971	479,704	2,192,974	

Project costs by source	Nominal terms (\$)												Total (CPP Period)		
	Current Period (Actual)					Next Period									
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)							
EDB	-	-	4,816	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	57,795	51,279	28,407	-	-	-	-	-	-	-	-	-	-
Other sources	350,656	360,011	419,012	641,678	273,794	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	350,000	371,568	394,910	420,229	439,160	458,971	479,704	479,704	2,192,974	
<b>Total Project/Programme</b>	350,656	360,011	481,623	692,957	302,201	350,000	371,568	394,910	420,229	439,160	458,971	479,704	479,704	2,192,974	

**Table 5: Nominal Opex Project - CPP117**

Project/Programme Name:	Overhead lines
Project/Programme Description:	Emergency maintenance of overhead lines
Policy Reference:	CPP117
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Emergency Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<b>Subtransmission</b>													
	66 kV Overhead lines	843	511	3,306	804	61,962	5,000	5,308	5,642	12,007	6,274	6,557	6,853	37,331
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	65,900	53,802	62,963	65,158	41,841	70,000	100,854	107,190	138,075	119,201	124,578	130,205	619,249
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Substations</b>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	66,743	54,313	66,269	65,962	103,803	75,000	106,162	112,832	150,082	125,474	131,135	137,058	656,580
	<b>Subtotal</b>	66,743	54,313	66,269	65,962	103,803	75,000	106,162	112,832	150,082	125,474	131,135	137,058	656,580
Distribution network including distribution transformers	<b>Distribution Conductors</b>													
	11 kV Overhead lines	656,710	720,071	683,113	708,590	739,919	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Distribution Substations</b>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	656,710	720,071	683,113	708,590	739,919	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
	<b>Subtotal</b>	656,710	720,071	683,113	708,590	739,919	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Overhead lines	698,465	553,052	590,292	1,450,242	1,874,574	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	698,465	553,052	590,292	1,450,242	1,874,574	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
	<b>Subtotal</b>	698,465	553,052	590,292	1,450,242	1,874,574	700,000	1,008,542	1,071,899	1,362,743	1,192,006	1,245,778	1,302,053	6,174,479
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	1,421,918	1,327,436	1,339,674	2,224,794	2,718,296	1,475,000	2,123,246	2,256,630	2,875,568	2,509,486	2,622,691	2,741,163	13,005,539
	<b>Total Project/Programme</b>	1,421,918	1,327,436	1,339,674	2,224,794	2,718,296	1,475,000	2,123,246	2,256,630	2,875,568	2,509,486	2,622,691	2,741,163	13,005,539

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	405,921	736,407	761,123	641,212	923,018	981,003	1,250,067	1,090,924	-	-	-	3,321,995
Other sources	1,421,918	1,327,436	933,753	1,488,387	1,957,173	833,788	1,200,228	1,275,627	1,625,500	1,418,562	-	-	-	4,319,689
To be tendered	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Project/Programme</b>	1,421,918	1,327,436	1,339,674	2,224,794	2,718,296	1,475,000	2,123,246	2,256,630	2,875,568	2,509,486	2,622,691	2,741,163	13,005,539	

**Table 5: Nominal Opex Project - CPP118**

Project/Programme Name:  
 Project/Programme Description:  
 Policy Reference:  
 Service Category:  
 Opex Category:

Underground cables
Emergency maintenance of underground cables
CPP118
(a) Provide and operate network infrastructure
Emergency Maintenance

Asset Category	Asset Type	Nominal terms (\$)													Total (CPP Period)
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19				
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal</b>		-	-	-	-	-	-	-	-	-	-	-	-		
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	17,942	4,822	10,397	781,846	1,619,265	50,000	74,314	78,982	102,056	87,832	91,794	95,941	456,605	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	28,430	1,006	2,252	45,912	29,959	40,000	58,389	62,057	78,043	69,011	72,124	75,382	356,617	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	46,372	5,828	12,649	827,758	1,649,224	90,000	132,703	141,039	180,098	156,843	163,918	171,323	813,221	
	<b>Subtotal</b>	46,372	5,828	12,649	827,758	1,649,224	90,000	132,703	141,039	180,098	156,843	163,918	171,323	813,221	
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		692,097	481,302	711,339	4,058,816	10,087,886	1,200,000	1,725,137	1,833,512	2,341,276	2,038,958	2,130,937	2,227,195	10,571,878	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		692,097	481,302	711,339	4,058,816	10,087,886	1,200,000	1,725,137	1,833,512	2,341,276	2,038,958	2,130,937	2,227,195	10,571,878	
<b>Subtotal</b>		692,097	481,302	711,339	4,058,816	10,087,886	1,200,000	1,725,137	1,833,512	2,341,276	2,038,958	2,130,937	2,227,195	10,571,878	
Switchgear (All voltages)		Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-		
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	535,293	472,377	536,553	1,254,174	2,851,278	1,050,000	1,507,505	1,602,208	2,053,119	1,781,735	1,862,111	1,946,226	9,245,399	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	535,293	472,377	536,553	1,254,174	2,851,278	1,050,000	1,507,505	1,602,208	2,053,119	1,781,735	1,862,111	1,946,226	9,245,399	
<b>Subtotal</b>	535,293	472,377	536,553	1,254,174	2,851,278	1,050,000	1,507,505	1,602,208	2,053,119	1,781,735	1,862,111	1,946,226	9,245,399		
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-		
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: All other opex	1,273,762	959,507	1,260,541	6,140,748	14,588,388	2,340,000	3,365,345	3,576,759	4,574,494	3,977,536	4,156,966	4,344,744	20,630,498		
<b>Total Project/Programme</b>	<b>1,273,762</b>	<b>959,507</b>	<b>1,260,541</b>	<b>6,140,748</b>	<b>14,588,388</b>	<b>2,340,000</b>	<b>3,365,345</b>	<b>3,576,759</b>	<b>4,574,494</b>	<b>3,977,536</b>	<b>4,156,966</b>	<b>4,344,744</b>	<b>20,630,498</b>		

Project costs by source	Nominal terms (\$)													Total (CPP Period)
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
EDB	-	-	-	6,141	14,588	-	-	-	-	-	-	-	-	
Related party	-	-	163,870	2,646,662	10,722,465	2,106,000	3,028,811	3,219,083	4,117,044	3,579,782	-	-	10,915,909	
Other sources	1,273,762	959,507	1,096,671	3,487,945	3,851,334	234,000	336,535	357,676	457,449	397,754	-	-	1,212,879	
To be tendered	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Project/Programme</b>	<b>1,273,762</b>	<b>959,507</b>	<b>1,260,541</b>	<b>6,140,748</b>	<b>14,588,388</b>	<b>2,340,000</b>	<b>3,365,345</b>	<b>3,576,759</b>	<b>4,574,494</b>	<b>3,977,536</b>	<b>4,156,966</b>	<b>4,344,744</b>	<b>20,630,498</b>	

**Table 5: Nominal Opex Project - CPP119**

Project/Programme Name:	Network assets
Project/Programme Description:	Emergency maintenance of network assets including contract management
Policy Reference:	CPP119
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Emergency Maintenance

Asset Category	Asset Type	Nominal terms (\$)													
		Current Period (Actual)					Next Period								Total (CPP Period)
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
						FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Protection	137,914	85,014	86,026	86,639	100,535	130,000	185,784	197,455	258,141	219,580	229,485	239,852	1,144,513	
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	137,914	85,014	86,026	86,639	100,535	130,000	185,784	197,455	258,141	219,580	229,485	239,852	1,144,513	
	<b>Subtotal</b>	137,914	85,014	86,026	86,639	100,535	130,000	185,784	197,455	258,141	219,580	229,485	239,852	1,144,513	
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		130,632	131,538	117,708	104,711	137,469	140,000	201,708	214,380	270,147	238,401	249,156	260,411	1,232,495	
Distribution substations (including land)		35,108	31,186	70,974	652,418	1,228,447	25,000	37,157	39,491	54,029	43,916	45,897	47,970	231,304	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		165,740	162,724	188,682	757,129	1,365,916	165,000	238,865	253,871	324,177	282,317	295,053	308,381	1,463,798	
<b>Subtotal</b>		165,740	162,724	188,682	757,129	1,365,916	165,000	238,865	253,871	324,177	282,317	295,053	308,381	1,463,798	
Switchgear (All voltages)		Distribution switchgear	99,987	125,798	151,106	47,881	74,219	110,000	159,243	169,247	216,118	188,211	196,702	205,587	975,866
		Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	99,987	125,798	151,106	47,881	74,219	110,000	159,243	169,247	216,118	188,211	196,702	205,587	975,866	
	<b>Subtotal</b>	99,987	125,798	151,106	47,881	74,219	110,000	159,243	169,247	216,118	188,211	196,702	205,587	975,866	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-		
Supporting or secondary systems	Load management	14,998	14,302	14,097	19,300	31,013	20,000	31,849	33,849	42,023	37,642	39,340	41,117	193,972	
	SCADA and control	123,207	106,607	113,394	87,354	84,649	90,000	127,395	135,398	174,095	150,569	157,361	164,470	781,893	
	Communications Equipment	13,147	12,108	25,245	12,689	246,908	15,000	21,232	22,566	36,020	25,095	26,227	27,412	137,319	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	2,067	841,432	806,956	5,000	5,308	5,642	12,007	6,274	6,557	6,853	37,331	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	151,352	133,017	154,803	960,775	1,169,526	130,000	185,784	197,455	264,144	219,580	229,485	239,852	1,150,516		
<b>Subtotal</b>	151,352	133,017	154,803	960,775	1,169,526	130,000	185,784	197,455	264,144	219,580	229,485	239,852	1,150,516		
Non-asset related expenditure	Asset mapping	2,479	2,738	2,838	1,194	1,207	5,000	5,113	5,234	10,775	5,521	5,658	5,799	32,988	
	Contract management	20,493	10,376	11,718	3,979,973	286,233	160,000	219,858	225,080	231,668	237,410	243,299	249,339	1,186,797	
	Asset storage	334,691	315,745	299,715	334,845	299,009	410,000	419,265	429,223	441,786	452,735	463,965	475,484	2,263,193	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	357,663	328,859	314,271	4,316,012	586,449	575,000	644,236	659,538	684,230	695,666	712,922	730,622	3,482,977	
<b>Subtotal</b>	357,663	328,859	314,271	4,316,012	586,449	575,000	644,236	659,538	684,230	695,666	712,922	730,622	3,482,977		
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	912,656	835,412	894,888	6,168,436	3,296,645	1,110,000	1,413,913	1,477,566	1,746,809	1,605,354	1,663,647	1,724,294	8,217,671	
	<b>Total Project/Programme</b>	<b>912,656</b>	<b>835,412</b>	<b>894,888</b>	<b>6,168,436</b>	<b>3,296,645</b>	<b>1,110,000</b>	<b>1,413,913</b>	<b>1,477,566</b>	<b>1,746,809</b>	<b>1,605,354</b>	<b>1,663,647</b>	<b>1,724,294</b>	<b>8,217,671</b>	

Project costs by source	Nominal terms (\$)													
	Current Period (Actual)					Next Period								Total (CPP Period)
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
						FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	188,821	2,300,827	880,204	296,844	378,119	395,141	656,765	429,315	-	-	-	1,481,222
Other sources	912,656	835,412	706,067	3,867,609	2,416,441	813,156	1,035,794	1,082,425	1,090,044	1,176,039	-	-	-	3,348,508
To be tendered	-	-	-	-	-	-	-	-	-	-	1,663,647	1,724,294	-	3,387,941
<b>Total Project/Programme</b>	<b>912,656</b>	<b>835,412</b>	<b>894,888</b>	<b>6,168,436</b>	<b>3,296,645</b>	<b>1,110,000</b>	<b>1,413,913</b>	<b>1,477,566</b>	<b>1,746,809</b>	<b>1,605,354</b>	<b>1,663,647</b>	<b>1,724,294</b>	<b>8,217,671</b>	

**Table 5: Nominal Opex Project - CPP120**

Project/Programme Name:	Contingency maintenance
Project/Programme Description:	Contingency maintenance
Policy Reference:	CPP120
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution network including distribution transformers	<i>Distribution Conductors</i>													
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Distribution Substations</i>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976	
	<b>Subtotal</b>	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976	
	<b>Total Project/Programme</b>	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976	

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Next Period							
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)					
					FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	-	-	-	-	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976
	<b>Total Project/Programme</b>	-	-	-	-	-	-	1,570,328	1,616,291	1,656,347	1,697,433	1,739,577	8,279,976

**Table 5: Nominal Opex Project - CPP121**

Project/Programme Name:	Load management systems
Project/Programme Description:	Scheduled maintenance of load management systems
Policy Reference:	CPP121
Service Category:	(b) Provide load management services
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)	
		Current Period (Actual)					Next Period								
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)						
						FY13	FY14	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<i>Subtransmission</i>														
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>														
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution network including distribution transformers	<i>Distribution Conductors</i>													
11 kV Overhead lines		-	-	-	-	-	-	-	-	-	-	-	-	-	
11 kV Underground cables		-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Distribution Substations</i>															
Distribution transformers		-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution substations (including land)		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Controllable opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex		-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
Supporting or secondary systems	Load management	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097	
	SCADA and control	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: All other opex	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097		
	<b>Subtotal</b>	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097	
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-		
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-		
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Subtotal: All other opex	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097	
	<b>Total Project/Programme</b>	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097	

Project costs by source	Nominal terms (\$)												Total (CPP Period)	
	Current Period (Actual)					Next Period								
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)						
						FY13	FY14	FY15	FY16	FY17	FY18	FY19		
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	115,704	78,379	70,267	-	-	-	-	-	-	-	-	-
Other sources	179,599	113,791	35,939	33,751	18,678	-	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097	-
	<b>Total Project/Programme</b>	179,599	113,791	151,643	112,130	88,945	355,000	244,173	259,512	276,151	288,591	301,609	315,234	1,441,097

**Table 5: Nominal Opex Project - CPP123**

Project/Programme Name:	Distribution management systems
Project/Programme Description:	Scheduled maintenance of distribution management systems
Policy Reference:	CPP123
Service Category:	(a) Provide and operate network infrastructure
Opex Category:	Scheduled Maintenance

Asset Category	Asset Type	Nominal terms (\$)												Total (CPP Period)
		Current Period (Actual)					Next Period							
		FY08	FY09	FY10	FY11	FY12	Assessment Period (Forecast)		CPP Period (Forecast)					
						FY13	FY14	FY15	FY16	FY17	FY18	FY19		
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers	<i>Subtransmission</i>													
	66 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Pilot / Communications Circuits	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Substations</i>													
	Zone sub land, site development, buildings and structures	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
		<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers	<i>Distribution Conductors</i>													
	11 kV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Distribution Substations</i>													
	Distribution transformers	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution substations (including land)	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)	Distribution switchgear	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Low voltage distribution network	LV Overhead lines	-	-	-	-	-	-	-	-	-	-	-	-	-
	LV Underground cables	-	-	-	-	-	-	-	-	-	-	-	-	-
	Link Pillars & LV customer service connections	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Supporting or secondary systems	Load management	-	-	-	-	-	-	-	-	-	-	-	-	-
	SCADA and control	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022
	Communications Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
	Metering systems	-	-	-	-	-	-	-	-	-	-	-	-	-
	Generators	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022	
	<b>Subtotal</b>	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022
Non-asset related expenditure	Asset mapping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contract management	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset storage	-	-	-	-	-	-	-	-	-	-	-	-	-
	Contingency maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal: All other opex	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022
	<b>Total Project/Programme</b>	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022

Project costs by source	Nominal terms (\$)												Total (CPP Period)
	Current Period (Actual)					Next Period							
	FY08	FY09	FY10	FY11	FY12	Assessment Period		CPP Period (Forecast)					
						FY13	FY14	FY15	FY16	FY17	FY18	FY19	
EDB	-	-	-	-	-	-	-	-	-	-	-	-	-
Related party	-	-	168,489	67,068	55,601	-	-	-	-	-	-	-	-
Other sources	257,621	386,961	-	148,597	215,058	-	-	-	-	-	-	-	-
To be tendered	-	-	-	-	-	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022
<b>Total Project/Programme</b>	257,621	386,961	168,489	215,665	270,659	135,000	249,481	253,871	222,121	307,412	268,826	335,793	1,388,022

Table 6a Nominal - Summary

Opex Category		General Management, Administration and Overheads												
Expenditure Type		Nominal terms (\$)												Total CPP period
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,008,000	3,008,000	3,105,000	3,119,000	3,151,000	3,607,000	3,659,700	3,740,948	3,863,254	3,966,583	4,071,612	4,166,762	
	<b>Total</b>	<b>3,008,000</b>	<b>3,008,000</b>	<b>3,105,000</b>	<b>3,119,000</b>	<b>3,151,000</b>	<b>3,607,000</b>	<b>3,659,700</b>	<b>3,740,948</b>	<b>3,863,254</b>	<b>3,966,583</b>	<b>4,071,612</b>	<b>4,166,762</b>	<b>19,809,159</b>
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,000,000	1,000,000	987,000	1,027,000	955,000	1,089,000	1,214,581	1,243,099	1,279,222	1,310,652	1,342,883	1,375,936	
	<b>Total</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>987,000</b>	<b>1,027,000</b>	<b>955,000</b>	<b>1,089,000</b>	<b>1,214,581</b>	<b>1,243,099</b>	<b>1,279,222</b>	<b>1,310,652</b>	<b>1,342,883</b>	<b>1,375,936</b>	<b>6,551,791</b>
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,210,000	1,374,000	1,590,000	1,741,000	1,908,000	2,634,000	2,159,410	2,064,906	2,116,292	2,620,544	2,356,537	2,415,801	
	<b>Total</b>	<b>1,210,000</b>	<b>1,374,000</b>	<b>1,590,000</b>	<b>1,741,000</b>	<b>1,908,000</b>	<b>2,634,000</b>	<b>2,159,410</b>	<b>2,064,906</b>	<b>2,116,292</b>	<b>2,620,544</b>	<b>2,356,537</b>	<b>2,415,801</b>	<b>11,574,082</b>
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,943,000	2,050,000	2,310,000	2,484,000	1,917,000	1,461,000	2,010,567	2,064,847	2,163,079	2,188,673	2,248,506	2,310,035	
	<b>Total</b>	<b>1,943,000</b>	<b>2,050,000</b>	<b>2,310,000</b>	<b>2,484,000</b>	<b>1,917,000</b>	<b>1,461,000</b>	<b>2,010,567</b>	<b>2,064,847</b>	<b>2,163,079</b>	<b>2,188,673</b>	<b>2,248,506</b>	<b>2,310,035</b>	<b>10,975,141</b>
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	1,094,000	1,126,292	1,162,450	1,203,971	1,241,573	1,280,359	1,320,367	
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,094,000</b>	<b>1,126,292</b>	<b>1,162,450</b>	<b>1,203,971</b>	<b>1,241,573</b>	<b>1,280,359</b>	<b>1,320,367</b>	<b>6,208,720</b>
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	201,000	527,000	606,000	545,000	397,000	1,672,000	1,433,301	848,480	881,688	913,357	944,976	980,109	
	<b>Total</b>	<b>201,000</b>	<b>527,000</b>	<b>606,000</b>	<b>545,000</b>	<b>397,000</b>	<b>1,672,000</b>	<b>1,433,301</b>	<b>848,480</b>	<b>881,688</b>	<b>913,357</b>	<b>944,976</b>	<b>980,109</b>	<b>4,568,610</b>
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	598,000	635,000	709,000	842,000	1,610,000	1,972,000	2,462,680	2,748,777	2,966,178	3,154,613	3,321,520	3,498,311	
	<b>Total</b>	<b>598,000</b>	<b>635,000</b>	<b>709,000</b>	<b>842,000</b>	<b>1,610,000</b>	<b>1,972,000</b>	<b>2,462,680</b>	<b>2,748,777</b>	<b>2,966,178</b>	<b>3,154,613</b>	<b>3,321,520</b>	<b>3,498,311</b>	<b>15,689,400</b>
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	1,545,000	2,164,000	2,300,000	123,649	-	-	-	-	-	
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,545,000</b>	<b>2,164,000</b>	<b>2,300,000</b>	<b>123,649</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	78,000	334,000	177,000	111,000	79,000	2,000,000	1,545,615	532,296	551,744	569,425	587,672	1,516,258	
	<b>Total</b>	<b>78,000</b>	<b>334,000</b>	<b>177,000</b>	<b>111,000</b>	<b>79,000</b>	<b>2,000,000</b>	<b>1,545,615</b>	<b>532,296</b>	<b>551,744</b>	<b>569,425</b>	<b>587,672</b>	<b>1,516,258</b>	<b>3,757,395</b>
<b>Total: Controllable opex</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: All other opex</b>		<b>8,038,000</b>	<b>8,928,000</b>	<b>9,484,000</b>	<b>11,414,000</b>	<b>12,181,000</b>	<b>17,829,000</b>	<b>15,735,795</b>	<b>14,405,803</b>	<b>15,025,428</b>	<b>15,965,421</b>	<b>16,154,066</b>	<b>17,583,580</b>	<b>79,134,298</b>
<b>Total Opex Category</b>		<b>8,038,000</b>	<b>8,928,000</b>	<b>9,484,000</b>	<b>11,414,000</b>	<b>12,181,000</b>	<b>17,829,000</b>	<b>15,735,795</b>	<b>14,405,803</b>	<b>15,025,428</b>	<b>15,965,421</b>	<b>16,154,066</b>	<b>17,583,580</b>	<b>79,134,298</b>

Opex Category		Network Management and Operations												
Expenditure Type		Nominal terms (\$)												Total CPP period
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,073,000	3,282,000	3,637,000	4,010,000	4,416,000	5,308,000	5,868,647	6,044,288	6,398,486	6,597,645	6,809,406	7,016,044	
	<b>Total</b>	<b>3,073,000</b>	<b>3,282,000</b>	<b>3,637,000</b>	<b>4,010,000</b>	<b>4,416,000</b>	<b>5,308,000</b>	<b>5,868,647</b>	<b>6,044,288</b>	<b>6,398,486</b>	<b>6,597,645</b>	<b>6,809,406</b>	<b>7,016,044</b>	<b>\$ 32,865,869</b>
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,491,000	1,546,000	1,731,000	1,702,000	1,859,000	2,404,000	2,751,741	2,814,362	2,889,566	2,953,747	3,019,372	3,086,474	
	<b>Total</b>	<b>1,491,000</b>	<b>1,546,000</b>	<b>1,731,000</b>	<b>1,702,000</b>	<b>1,859,000</b>	<b>2,404,000</b>	<b>2,751,741</b>	<b>2,814,362</b>	<b>2,889,566</b>	<b>2,953,747</b>	<b>3,019,372</b>	<b>3,086,474</b>	<b>\$ 14,763,521</b>
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,846,000	3,884,000	4,130,000	4,410,000	5,520,000	5,969,000	7,368,219	8,056,966	8,198,763	8,154,417	8,337,064	8,558,335	
	<b>Total</b>	<b>3,846,000</b>	<b>3,884,000</b>	<b>4,130,000</b>	<b>4,410,000</b>	<b>5,520,000</b>	<b>5,969,000</b>	<b>7,368,219</b>	<b>8,056,966</b>	<b>8,198,763</b>	<b>8,154,417</b>	<b>8,337,064</b>	<b>8,558,335</b>	<b>\$ 41,305,544</b>
<b>Total: Controllable opex</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: All other opex</b>		<b>8,410,000</b>	<b>8,712,000</b>	<b>9,498,000</b>	<b>10,122,000</b>	<b>11,795,000</b>	<b>13,681,000</b>	<b>15,988,607</b>	<b>16,915,616</b>	<b>17,486,815</b>	<b>17,705,809</b>	<b>18,165,841</b>	<b>18,660,852</b>	<b>88,934,934</b>
<b>Total Opex Category</b>		<b>8,410,000</b>	<b>8,712,000</b>	<b>9,498,000</b>	<b>10,122,000</b>	<b>11,795,000</b>	<b>13,681,000</b>	<b>15,988,607</b>	<b>16,915,616</b>	<b>17,486,815</b>	<b>17,705,809</b>	<b>18,165,841</b>	<b>18,660,852</b>	<b>88,934,934</b>

TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE



**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Corporate
Ongoing operational expenditure for corporate functions including board, corporate management team, and human resources
CPP160
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,008,000	3,008,000	3,105,000	3,119,000	3,151,000	3,607,000	3,659,700	3,740,948	3,863,254	3,966,583	4,071,612	4,166,762	19,809,159
	<b>Total</b>	<b>3,008,000</b>	<b>3,008,000</b>	<b>3,105,000</b>	<b>3,119,000</b>	<b>3,151,000</b>	<b>3,607,000</b>	<b>3,659,700</b>	<b>3,740,948</b>	<b>3,863,254</b>	<b>3,966,583</b>	<b>4,071,612</b>	<b>4,166,762</b>	<b>19,809,159</b>
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: Controllable opex</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: All other opex</b>		<b>3,008,000</b>	<b>3,008,000</b>	<b>3,105,000</b>	<b>3,119,000</b>	<b>3,151,000</b>	<b>3,607,000</b>	<b>3,659,700</b>	<b>3,740,948</b>	<b>3,863,254</b>	<b>3,966,583</b>	<b>4,071,612</b>	<b>4,166,762</b>	<b>19,809,159</b>
<b>Total Opex Category</b>		<b>3,008,000</b>	<b>3,008,000</b>	<b>3,105,000</b>	<b>3,119,000</b>	<b>3,151,000</b>	<b>3,607,000</b>	<b>3,659,700</b>	<b>3,740,948</b>	<b>3,863,254</b>	<b>3,966,583</b>	<b>4,071,612</b>	<b>4,166,762</b>	<b>19,809,159</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: Controllable opex</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total: All other opex</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Opex Category</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Finance
Ongoing operational expenditure for the finance function
CPP161
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,000,000	1,000,000	987,000	1,027,000	955,000	1,089,000	1,214,581	1,243,099	1,279,222	1,310,652	1,342,883	1,375,936	6,551,791
	<b>Total</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>987,000</b>	<b>1,027,000</b>	<b>955,000</b>	<b>1,089,000</b>	<b>1,214,581</b>	<b>1,243,099</b>	<b>1,279,222</b>	<b>1,310,652</b>	<b>1,342,883</b>	<b>1,375,936</b>	<b>6,551,791</b>
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		1,000,000	1,000,000	987,000	1,027,000	955,000	1,089,000	1,214,581	1,243,099	1,279,222	1,310,652	1,342,883	1,375,936	6,551,791
<b>Total Opex Category</b>		<b>1,000,000</b>	<b>1,000,000</b>	<b>987,000</b>	<b>1,027,000</b>	<b>955,000</b>	<b>1,089,000</b>	<b>1,214,581</b>	<b>1,243,099</b>	<b>1,279,222</b>	<b>1,310,652</b>	<b>1,342,883</b>	<b>1,375,936</b>	<b>6,551,791</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Information solutions - corporate systems
Information solutions - corporate systems
CPP164
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,210,000	1,374,000	1,590,000	1,741,000	1,908,000	2,634,000	2,159,410	2,064,906	2,116,292	2,620,544	2,356,537	2,415,801	11,574,082
	<b>Total</b>	<b>1,210,000</b>	<b>1,374,000</b>	<b>1,590,000</b>	<b>1,741,000</b>	<b>1,908,000</b>	<b>2,634,000</b>	<b>2,159,410</b>	<b>2,064,906</b>	<b>2,116,292</b>	<b>2,620,544</b>	<b>2,356,537</b>	<b>2,415,801</b>	<b>11,574,082</b>
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		1,210,000	1,374,000	1,590,000	1,741,000	1,908,000	2,634,000	2,159,410	2,064,906	2,116,292	2,620,544	2,356,537	2,415,801	11,574,082
<b>Total Opex Category</b>		<b>1,210,000</b>	<b>1,374,000</b>	<b>1,590,000</b>	<b>1,741,000</b>	<b>1,908,000</b>	<b>2,634,000</b>	<b>2,159,410</b>	<b>2,064,906</b>	<b>2,116,292</b>	<b>2,620,544</b>	<b>2,356,537</b>	<b>2,415,801</b>	<b>11,574,082</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Commercial and regulatory
Ongoing operational expenditure for the commercial function including billing, pricing, regulatory compliance and strategy
CPP165
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,943,000	2,050,000	2,310,000	2,484,000	1,917,000	1,461,000	2,010,567	2,064,847	2,163,079	2,188,673	2,248,506	2,310,035	10,975,141
	<b>Total</b>	<b>1,943,000</b>	<b>2,050,000</b>	<b>2,310,000</b>	<b>2,484,000</b>	<b>1,917,000</b>	<b>1,461,000</b>	<b>2,010,567</b>	<b>2,064,847</b>	<b>2,163,079</b>	<b>2,188,673</b>	<b>2,248,506</b>	<b>2,310,035</b>	<b>10,975,141</b>
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		1,943,000	2,050,000	2,310,000	2,484,000	1,917,000	1,461,000	2,010,567	2,064,847	2,163,079	2,188,673	2,248,506	2,310,035	10,975,141
<b>Total Opex Category</b>		<b>1,943,000</b>	<b>2,050,000</b>	<b>2,310,000</b>	<b>2,484,000</b>	<b>1,917,000</b>	<b>1,461,000</b>	<b>2,010,567</b>	<b>2,064,847</b>	<b>2,163,079</b>	<b>2,188,673</b>	<b>2,248,506</b>	<b>2,310,035</b>	<b>10,975,141</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Communications and engagement
Ongoing operational expenditure for communications and engagement
CPP166
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	1,094,000	1,126,292	1,162,450	1,203,971	1,241,573	1,280,359	1,320,367	6,208,720
	<b>Total</b>	-	-	-	-	-	<b>1,094,000</b>	<b>1,126,292</b>	<b>1,162,450</b>	<b>1,203,971</b>	<b>1,241,573</b>	<b>1,280,359</b>	<b>1,320,367</b>	<b>6,208,720</b>
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	1,094,000	1,126,292	1,162,450	1,203,971	1,241,573	1,280,359	1,320,367	6,208,720
<b>Total Opex Category</b>		-	-	-	-	-	<b>1,094,000</b>	<b>1,126,292</b>	<b>1,162,450</b>	<b>1,203,971</b>	<b>1,241,573</b>	<b>1,280,359</b>	<b>1,320,367</b>	<b>6,208,720</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Infrastructure management
Ongoing operational expenditure for infrastructure management functions, including safety and risk management, lifecycle management, strategic planning, network asset management, operations management and engineering support.
CPP167
N/A
Network Management and Operations

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

Opex Category	Network Management and Operations
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,073,000	3,282,000	3,637,000	4,010,000	4,416,000	5,308,000	5,868,647	6,044,288	6,398,486	6,597,645	6,809,406	7,016,044	32,865,869
	<b>Total</b>	<b>3,073,000</b>	<b>3,282,000</b>	<b>3,637,000</b>	<b>4,010,000</b>	<b>4,416,000</b>	<b>5,308,000</b>	<b>5,868,647</b>	<b>6,044,288</b>	<b>6,398,486</b>	<b>6,597,645</b>	<b>6,809,406</b>	<b>7,016,044</b>	<b>32,865,869</b>
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	1,491,000	1,546,000	1,731,000	1,702,000	1,859,000	2,404,000	2,751,741	2,814,362	2,889,566	2,953,747	3,019,372	3,086,474	14,763,521
	<b>Total</b>	<b>1,491,000</b>	<b>1,546,000</b>	<b>1,731,000</b>	<b>1,702,000</b>	<b>1,859,000</b>	<b>2,404,000</b>	<b>2,751,741</b>	<b>2,814,362</b>	<b>2,889,566</b>	<b>2,953,747</b>	<b>3,019,372</b>	<b>3,086,474</b>	<b>14,763,521</b>
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	3,846,000	3,884,000	4,130,000	4,410,000	5,520,000	5,969,000	7,368,219	8,056,966	8,198,763	8,154,417	8,337,064	8,558,335	41,305,544
	<b>Total</b>	<b>3,846,000</b>	<b>3,884,000</b>	<b>4,130,000</b>	<b>4,410,000</b>	<b>5,520,000</b>	<b>5,969,000</b>	<b>7,368,219</b>	<b>8,056,966</b>	<b>8,198,763</b>	<b>8,154,417</b>	<b>8,337,064</b>	<b>8,558,335</b>	<b>41,305,544</b>
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		8,410,000	8,712,000	9,498,000	10,122,000	11,795,000	13,681,000	15,988,607	16,915,616	17,486,815	17,705,809	18,165,841	18,660,852	88,934,934
<b>Total Opex Category</b>		<b>8,410,000</b>	<b>8,712,000</b>	<b>9,498,000</b>	<b>10,122,000</b>	<b>11,795,000</b>	<b>13,681,000</b>	<b>15,988,607</b>	<b>16,915,616</b>	<b>17,486,815</b>	<b>17,705,809</b>	<b>18,165,841</b>	<b>18,660,852</b>	<b>88,934,934</b>

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Property maintenance
Ongoing operational expenditure for maintenance of corporate property.
CPP168
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	201,000	527,000	606,000	545,000	397,000	1,672,000	1,433,301	848,480	881,688	913,357	944,976	980,109	4,568,610
	<b>Total</b>	<b>201,000</b>	<b>527,000</b>	<b>606,000</b>	<b>545,000</b>	<b>397,000</b>	<b>1,672,000</b>	<b>1,433,301</b>	<b>848,480</b>	<b>881,688</b>	<b>913,357</b>	<b>944,976</b>	<b>980,109</b>	<b>4,568,610</b>
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		201,000	527,000	606,000	545,000	397,000	1,672,000	1,433,301	848,480	881,688	913,357	944,976	980,109	4,568,610
<b>Total Opex Category</b>		<b>201,000</b>	<b>527,000</b>	<b>606,000</b>	<b>545,000</b>	<b>397,000</b>	<b>1,672,000</b>	<b>1,433,301</b>	<b>848,480</b>	<b>881,688</b>	<b>913,357</b>	<b>944,976</b>	<b>980,109</b>	<b>4,568,610</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Insurance
Expenditure for liability insurance policies and non-liability insurance policies (business interruption and material damage).
CPP169
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	598,000	635,000	709,000	842,000	1,610,000	1,972,000	2,462,680	2,748,777	2,966,178	3,154,613	3,321,520	3,498,311	15,689,400
	<b>Total</b>	<b>598,000</b>	<b>635,000</b>	<b>709,000</b>	<b>842,000</b>	<b>1,610,000</b>	<b>1,972,000</b>	<b>2,462,680</b>	<b>2,748,777</b>	<b>2,966,178</b>	<b>3,154,613</b>	<b>3,321,520</b>	<b>3,498,311</b>	<b>15,689,400</b>
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		598,000	635,000	709,000	842,000	1,610,000	1,972,000	2,462,680	2,748,777	2,966,178	3,154,613	3,321,520	3,498,311	15,689,400
<b>Total Opex Category</b>		<b>598,000</b>	<b>635,000</b>	<b>709,000</b>	<b>842,000</b>	<b>1,610,000</b>	<b>1,972,000</b>	<b>2,462,680</b>	<b>2,748,777</b>	<b>2,966,178</b>	<b>3,154,613</b>	<b>3,321,520</b>	<b>3,498,311</b>	<b>15,689,400</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-



**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Earthquakes - overheads and head office
Expenditure for head office demolition, catering, and earthquake related expenditure on the head office site.
CPP170
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	1,545,000	2,164,000	2,300,000	123,649	-	-	-	-	-	-
	<b>Total</b>	-	-	-	1,545,000	2,164,000	2,300,000	123,649	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	1,545,000	2,164,000	2,300,000	123,649	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	1,545,000	2,164,000	2,300,000	123,649	-	-	-	-	-	-

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 6a Nominal**

Project/Programme Name:  
Project/Programme Description:

Special projects
Special projects, including CPP application costs and DPP costs
CPP171
N/A
General Management, Administration and Overheads

Policy Reference:  
Service Category:  
Opex Category:

Opex Category	General Management, Administration and Overheads
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Corporate	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Corporate systems	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial and regulatory expenses	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications and engagement	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Property maintenance	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - material damage and business interruption	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquakes - overheads/head office	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Special projects	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	78,000	334,000	177,000	111,000	79,000	2,000,000	1,545,615	532,296	551,744	569,425	587,672	1,516,258	3,757,395
	<b>Total</b>	<b>78,000</b>	<b>334,000</b>	<b>177,000</b>	<b>111,000</b>	<b>79,000</b>	<b>2,000,000</b>	<b>1,545,615</b>	<b>532,296</b>	<b>551,744</b>	<b>569,425</b>	<b>587,672</b>	<b>1,516,258</b>	<b>3,757,395</b>
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		78,000	334,000	177,000	111,000	79,000	2,000,000	1,545,615	532,296	551,744	569,425	587,672	1,516,258	3,757,395
<b>Total Opex Category</b>		<b>78,000</b>	<b>334,000</b>	<b>177,000</b>	<b>111,000</b>	<b>79,000</b>	<b>2,000,000</b>	<b>1,545,615</b>	<b>532,296</b>	<b>551,744</b>	<b>569,425</b>	<b>587,672</b>	<b>1,516,258</b>	<b>3,757,395</b>

Opex Category	
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Expenditure Type		Nominal terms (\$)											Total CPP period	
		Current Period					Assessment Period		Regulatory Period					
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18		FY19
Operations	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Connection and asset management	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Other asset management services	Controllable opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other opex	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: Controllable opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total: All other opex</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Opex Category</b>		-	-	-	-	-	-	-	-	-	-	-	-	-

Table 6b (Summary) - Nominal

Capex Category	Non System Fixed Assets												
	Nominal terms (\$)												
Expenditure Type	Current Period					Assessment Period		CPP Period					Total (CPP Period)
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	14,900,000	4,636,846	-	-	-	-	-	-
Sundry land and building	323,000	375,000	119,000	35,000	1,032,000	560,000	257,603	266,148	275,872	284,712	293,836	303,252	1,423,820
Vehicles and mobile plant	626,000	1,122,000	278,000	270,000	855,000	1,092,000	866,575	269,342	797,822	893,997	1,175,343	733,869	3,870,374
Information and technology	1,655,000	3,454,000	3,507,000	1,681,000	2,953,000	2,958,000	1,629,079	1,218,958	2,062,421	767,585	1,487,985	886,708	6,423,656
Sundry tools, equipment, furniture and fittings	156,000	312,000	230,000	926,000	1,040,000	520,000	587,334	654,724	634,506	654,839	675,822	697,479	3,317,370
	<b>2,760,000</b>	<b>5,263,000</b>	<b>4,134,000</b>	<b>2,912,000</b>	<b>5,880,000</b>	<b>20,030,000</b>	<b>7,977,436</b>	<b>2,409,172</b>	<b>3,770,622</b>	<b>2,601,132</b>	<b>3,632,986</b>	<b>2,621,307</b>	<b>15,035,220</b>
	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

**Table 6b - Nominal**

Project/Programme Name:	Head office building
Project/Programme Description:	Capital expenditure for land purchase, construction and fitout of new Head Office site at 565 Wairakei Rd
Policy Reference:	CPP60
Service Category:	-
Capex Category:	Non System Fixed Assets

<b>Capex Category</b>	<b>Non System Fixed Assets</b>
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Expenditure Type	Nominal terms (\$)												Total (CPP Period)
	Current Period					Assessment Period		Regulatory Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	14,900,000	4,636,846	-	-	-	-	-	-
Sundry land and building	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles and mobile plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Information and technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry tools, equipment, furniture and fittings	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	<b>14,900,000</b>	<b>4,636,846</b>	-	-	-	-	-	-
	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

**Table 6b - Nominal**

Project/Programme Name:	Sundry land and building
Project/Programme Description:	Capital expenditure on administration land and building modifications to the current Head Office site
Policy Reference:	CPP62
Service Category:	-
Capex Category:	Non System Fixed Assets

<b>Capex Category</b>	<b>Non System Fixed Assets</b>
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Expenditure Type	Nominal terms (\$)												Total (CPP Period)
	Current Period					Assessment Period		Regulatory Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry land and building	323,000	375,000	119,000	35,000	1,032,000	560,000	257,603	266,148	275,872	284,712	293,836	303,252	1,423,820
Vehicles and mobile plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Information and technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry tools, equipment, furniture and fittings	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>323,000</b>	<b>375,000</b>	<b>119,000</b>	<b>35,000</b>	<b>1,032,000</b>	<b>560,000</b>	<b>257,603</b>	<b>266,148</b>	<b>275,872</b>	<b>284,712</b>	<b>293,836</b>	<b>303,252</b>	<b>1,423,820</b>
	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

**Table 6b - Nominal**

Project/Programme Name:	Vehicles and mobile plant
Project/Programme Description:	Ongoing capital expenditure programme relating to Orion's vehicle fleet
Policy Reference:	CPP63
Service Category:	-
Capex Category:	Non System Fixed Assets

<b>Capex Category</b>	<b>Non System Fixed Assets</b>
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Expenditure Type	Nominal terms (\$)												Total (CPP Period)
	Current Period					Assessment Period		Regulatory Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry land and building	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles and mobile plant	626,000	1,122,000	278,000	270,000	855,000	1,092,000	866,575	269,342	797,822	893,997	1,175,343	733,869	3,870,374
Information and technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry tools, equipment, furniture and fittings	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>626,000</b>	<b>1,122,000</b>	<b>278,000</b>	<b>270,000</b>	<b>855,000</b>	<b>1,092,000</b>	<b>866,575</b>	<b>269,342</b>	<b>797,822</b>	<b>893,997</b>	<b>1,175,343</b>	<b>733,869</b>	<b>3,870,374</b>

TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE

**Table 6b - Nominal**

Project/Programme Name:	Information and technology
Project/Programme Description:	Ongoing capital expenditure programme relating to Orion's information systems including financial systems, employee management systems, and desktop software.
Policy Reference:	CPP64
Service Category:	-
Capex Category:	Non System Fixed Assets

<b>Capex Category</b>	<b>Non System Fixed Assets</b>
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Expenditure Type	Nominal terms (\$)												Total (Regulatory Period)
	Current Period					Assessment Period		Regulatory Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry land and building	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles and mobile plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Information and technology	1,655,000	3,454,000	3,507,000	1,681,000	2,953,000	2,958,000	1,629,079	1,218,958	2,062,421	767,585	1,487,985	886,708	6,423,656
Sundry tools, equipment, furniture and fittings	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>1,655,000</b>	<b>3,454,000</b>	<b>3,507,000</b>	<b>1,681,000</b>	<b>2,953,000</b>	<b>2,958,000</b>	<b>1,629,079</b>	<b>1,218,958</b>	<b>2,062,421</b>	<b>767,585</b>	<b>1,487,985</b>	<b>886,708</b>	<b>6,423,656</b>
	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

**Table 6b - Nominal**

Project/Programme Name:	Sundry tools, equipment, furniture and fittings
Project/Programme Description:	Ongoing capital expenditure programme relating to tools, equipment (plant, test equipment and machinery), furniture and fittings.
Policy Reference:	CPP65
Service Category:	-
Capex Category:	Non System Fixed Assets

<b>Capex Category</b>	<b>Non System Fixed Assets</b>
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Expenditure Type	Nominal terms (\$)												Total (CPP Period)
	Current Period					Assessment Period		Regulatory Period					
	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	
Head office building	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry land and building	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicles and mobile plant	-	-	-	-	-	-	-	-	-	-	-	-	-
Information and technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Sundry tools, equipment, furniture and fittings	156,000	312,000	230,000	926,000	1,040,000	520,000	587,334	654,724	634,506	654,839	675,822	697,479	3,317,370
	<b>156,000</b>	<b>312,000</b>	<b>230,000</b>	<b>926,000</b>	<b>1,040,000</b>	<b>520,000</b>	<b>587,334</b>	<b>654,724</b>	<b>634,506</b>	<b>654,839</b>	<b>675,822</b>	<b>697,479</b>	<b>3,317,370</b>
	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE



**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Labour (Canterbury construction)
<b>Escalator Description</b>	Escalates the labour component of network capex projects and programmes
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Labour (Canterbury construction)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						7.50%	7.50%	7.50%	5.00%	5.00%	5.00%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						40,370,476	42,075,409	38,138,932	34,065,235	37,843,264	28,919,628

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Labour (LCI)
<b>Escalator Description</b>	Escalates the labour component of non network capex projects and programmes
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Labour (LCI)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						1.92%	1.97%	2.61%	2.16%	2.16%	2.16%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						-	-	-	-	-	-

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Materials (66kV Underground Cables)
<b>Escalator Description</b>	Escalates the materials component of 66kV underground cable for capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Materials (66kV Underground Cables)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
<b>Yearly escalators (% over previous year)</b>						4.85%	-3.92%	-3.37%	-2.31%	-5.49%	1.66%
<b>Unit Rate</b>											
<b>Volume</b>											
<b>Quantum of costs (\$ Nominal)</b>						12,709,757	7,383,612	5,599,145	929,502	-	-

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Materials (Other underground Cables)
<b>Escalator Description</b>	Escalates the materials component of other underground cable for capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Materials (Other underground Cables)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						14.75%	9.18%	12.06%	7.03%	1.42%	0.95%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						8,416,149	9,215,374	8,451,741	8,521,265	7,594,972	7,099,678

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Materials (Overhead lines)
<b>Escalator Description</b>	Escalates the materials component of overhead lines for capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Materials (Overhead lines)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						14.75%	9.18%	12.06%	7.03%	1.42%	0.95%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						2,512,374	3,004,404	4,199,668	3,517,239	4,956,744	4,641,750

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Materials (Transformers)
<b>Escalator Description</b>	Escalates the materials component of transformers for capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Materials (Transformers)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						3.36%	-4.90%	-1.38%	-2.78%	-5.52%	3.19%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						6,963,340	6,057,510	4,532,672	7,223,612	6,545,388	4,095,625

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Materials (Switchgear)
<b>Escalator Description</b>	Escalates the materials component of switchgear capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Materials (Switchgear)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						4.13%	-4.69%	-2.65%	-2.83%	-5.71%	2.57%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						10,035,320	13,342,608	10,373,403	11,895,714	12,914,159	9,875,743

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Capex - Other
<b>Escalator Description<sup>1</sup></b>	Escalates the non materials and labour components of capex projects
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Capex - Other</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						3.04%	3.32%	3.65%	3.20%	3.20%	3.20%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						12,544,135	8,844,532	11,485,280	7,503,843	9,965,073	7,287,842



**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Opex - Labour (Canterbury construction)
<b>Escalator Description</b>	Escalates the labour component of network opex projects and programmes
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Opex - Labour (Canterbury construction)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						7.50%	7.50%	7.50%	5.00%	5.00%	5.00%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						19,168,851	21,386,214	23,636,530	22,626,759	23,361,056	24,556,903

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Opex - Labour (LCI)
<b>Escalator Description</b>	Escalates the labour component of non network opex projects and programmes
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Opex - Labour (LCI)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
<b>Yearly escalators (% over previous year)</b>						1.92%	1.97%	2.61%	2.16%	2.16%	2.16%
<b>Unit Rate</b>											
<b>Volume</b>											
<b>Quantum of costs (\$ Nominal)</b>						19,936,973	20,730,504	21,381,274	21,975,894	22,284,379	22,828,033

**Table 7: Unit Rate Escalators**

<b>INPUT METHODOLOGIES UNIT COST ESCALATOR TEMPLATE</b>	
<b>Escalator Name</b>	Opex - Non-labour (PPI)
<b>Escalator Description</b>	Escalates the materials component of network opex projects and programmes
<b>Key Assumption Reference</b>	N/A
<b>Assessment Period Year 1</b>	FY13
<b>Base Year</b>	FY13
<b>Unit Rate in Base Year</b>	N/A
<b>No. Years Applicable (after base year)</b>	6

<b>Unit Cost Item</b>	<b>Current Period</b>				<b>Assessment Period</b>		<b>CPP Period</b>				
	Year – 4	Year – 3	Year – 2	Year – 1	Year 1	Year 2	Year 1	Year 2	Year 3	Year 4	Year 5
<b>Opex - Non-labour (PPI)</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>
Yearly escalators (% over previous year)						3.04%	3.32%	3.65%	3.20%	3.20%	3.20%
Unit Rate											
Volume											
Quantum of costs (\$ Nominal)						19,647,446	19,088,539	20,223,770	20,281,746	20,773,673	22,467,304

**Table 8: Cost Allocation A**

<b>Opex Allocation A (\$ Nominal)</b>	<b>Assessment Period FY13</b>			<b>Total from Opex Summary worksheet</b>
	<b>Directly attributable</b>	<b>Not directly attributable</b>	<b>Total</b>	
<b>Scheduled maintenance</b>	16,210,000	-	16,210,000	16,210,000
<b>Non-scheduled maintenance</b>	1,995,000	-	1,995,000	1,995,000
<b>Emergency maintenance</b>	4,925,000	-	4,925,000	4,925,000
<b>Network management and operations</b>	13,681,000	-	13,681,000	13,681,000
<b>General Management, Administration and Overheads</b>	17,829,000	-	17,829,000	17,829,000
<b>Total Opex</b>	<b>54,640,000</b>	<b>-</b>	<b>54,640,000</b>	<b>54,640,000</b>

**Table 9: Cost Allocation B**

<b>Opex Allocation B (\$ Nominal)</b>	<b>Assessment Period FY14</b>			<b>Total from Opex Summary worksheet</b>
	<b>Directly attributable</b>	<b>Not directly attributable</b>	<b>Total</b>	
<b>Scheduled maintenance</b>	18,008,816	-	18,008,816	18,008,816
<b>Non-scheduled maintenance</b>	2,117,548	-	2,117,548	2,117,548
<b>Emergency maintenance</b>	6,902,504	-	6,902,504	6,902,504
<b>Network management and operations</b>	15,988,607	-	15,988,607	15,988,607
<b>General Management, Administration and Overheads</b>	15,735,795	-	15,735,795	15,735,795
<b>Total Opex</b>	<b>58,753,270</b>	<b>-</b>	<b>58,753,270</b>	<b>58,753,270</b>