

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	-	-	-	-	-	-	-
	Subtotal	17,708,042	20,238,444	22,198,605	23,356,638	24,363,035	22,303,861	24,668,295
(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	-	-	-	-	-	-	-
	Subtotal	5,195,000	4,668,867	4,234,319	6,381,911	5,862,051	5,754,565	5,931,955
(c) Provide connection services, including changes of connection point capacity and/or reliability	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	-	-	-	-	-	-	-
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-
(d) Provide for rearrangement of network assets at 3rd party request (includes undergrounding)	Major projects	-	-	-	-	-	-	-
	Reinforcement	-	-	-	-	-	-	-
	Replacement	-	-	-	-	-	-	-
	Customer connection	-	-	-	-	-	-	-
	Underground conversions	-	-	-	-	-	-	-
	Asset acquisitions	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-
(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	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-
Total Capex	22,903,042	24,907,312	26,432,925	29,738,550	30,225,087	28,058,427	30,600,250	145,055,238

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers																
<i>Subtransmission</i>																
	66 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	66 kV Overhead lines (towers)	-	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<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	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
Distribution network including distribution transformers																
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		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

		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
Total Project/Programme		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

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	
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	-	-	-	-	-	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	
Low voltage distribution network															
	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	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		2,492,840	2,935,627	3,720,952	2,427,386	2,422,885	2,625,000	2,972,841	3,200,381	3,503,633	3,705,848	3,796,333	3,894,236	18,100,431	

		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	
Total Project/Programme		2,492,840	2,935,627	3,720,952	2,427,386	2,422,885	2,625,000	2,972,841	3,200,381	3,503,633	3,705,848	3,796,333	3,894,236	18,100,431	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-
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)	-	-	-	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	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		-	-	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	-
Total Project/Programme		-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	125,353	222	90,959	-	42,653	210,000	234,883	254,924	281,236	298,893	307,055	314,623	1,456,730	-
<i>Substations</i>															
	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	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		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	

		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	-
Total Project/Programme		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	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	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	-
Total Project/Programme		-	-	-	-	-	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	-
	Total Project/Programme	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	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	
Total Project/Programme		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	
Total Project/Programme		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switchgear (All voltages)															
	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	
Low voltage distribution network															
	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	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		2,955,606	3,336,598	6,083,673	5,043,147	3,154,833	9,239,000	9,672,214	9,882,287	9,723,013	11,880,214	9,503,546	11,065,739	52,054,798	

		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
Total Project/Programme		2,955,606	3,336,598	6,083,673	5,043,147	3,154,833	9,239,000	9,672,214	9,882,287	9,723,013	11,880,214	9,503,546	11,065,739	52,054,798

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	
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	-	-	-	-	-	-	210,953	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	210,953	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		643,083	790,472	458,509	738,692	721,887	1,445,000	2,437,236	2,272,266	2,329,627	2,348,422	2,066,843	2,151,753	11,168,911	

		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	
Total Project/Programme		643,083	790,472	458,509	738,692	721,887	1,445,000	2,437,236	2,272,266	2,329,627	2,348,422	2,066,843	2,151,753	11,168,911	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	
Distribution network including distribution transformers															
<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	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		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	
Total Project/Programme		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	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	
Distribution network including distribution transformers															
<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)	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Project/Programme		117,814	53,201	475,086	185,822	55,423	700,000	749,496	1,337,721	828,694	861,628	895,937	2,560,492	6,484,473	

		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	
Total Project/Programme		117,814	53,201	475,086	185,822	55,423	700,000	749,496	1,337,721	828,694	861,628	895,937	2,560,492	6,484,473	

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	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	-
Total Project/Programme		67,087	7,507	-	-	11,339	160,000	137,120	137,504	193,793	86,804	86,317	145,602	650,020	-

		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	-
Total Project/Programme		67,087	7,507	-	-	11,339	160,000	137,120	137,504	193,793	86,804	86,317	145,602	650,020	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution network including distribution transformers															
<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	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	-
Total Project/Programme		-	-	-	-	-	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	-
Total Project/Programme		-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-transmission network including power transformers	<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Distribution network including distribution transformers	<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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	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		
Total Project/Programme		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		

		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	
	Total Project/Programme	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	