

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	-	-	
	Subtotal	8,337,946	7,639,124	22,132,211	15,144,469	7,332,280	6,309,912	6,544,364	
(b) Provide load management services	Major projects	-	-	-	-	-	-	-	
	Reinforcement	-	-	-	-	-	-	-	
	Replacement	-	-	-	-	-	-	-	
	Customer connection	-	-	-	-	-	-	-	
	Underground conversions	-	-	-	-	-	-	-	
	Asset acquisitions	-	-	-	-	-	-	-	
	Subtotal	-	-	-	-	-	-	-	
(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	-	-	-	-	-	-	-	
	Subtotal	9,650,000	12,828,869	14,523,117	15,616,160	14,612,090	13,099,503	12,703,469	
(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	-	-	-	-	-	-	-	
	Subtotal	2,300,000	6,569,830	1,768,159	6,862,359	4,460,336	1,757,967	1,096,480	
(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		20,287,945.96	27,037,822.52	38,423,487.58	37,622,987.65	26,404,706.59	21,167,382.90	20,344,312.90	143,962,877.62

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	FY15	FY16	FY17	FY18	FY19			
Assets owned by the EDB but installed at bulk supply points owned by others		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtransmission															
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Substations															
	Zone sub land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zone sub site development and buildings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (electromechanical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Protection (digital)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Outdoor Structure (concrete pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	DC Supplies, batteries and inverters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other items	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	3,511,480	-	1,355,001	-	-	-	-	-	1,355,001
	Distribution Conductors															
	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
	Distribution Substations															
	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
	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)	-	-	-	-	-	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
	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	-	-	2,587,597	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
	Total Project/Programme	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	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
Distribution network including distribution transformers																
<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
Switchgear (All voltages)																
	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
Low voltage distribution network																
	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
Supporting or secondary systems																
	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	-	-	-	-	-	-	-	-
Total Project/Programme		-	-	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
Total Project/Programme		-	-	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 (\$)												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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	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
Distribution network including distribution transformers																
<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	-	-
Switchgear (All voltages)																
	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	-	-
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	-	-	-	-	-	-	116,912	-	-	-	-	-	-	-	-
	EDB-owned mobile substations and generators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Load management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asset management systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	-	-	116,912	-	-	-	-	-	-	-	-
Total Project/Programme		-	-	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 (\$)												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		-	-	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	-	-
Total Project/Programme		-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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)	-	-	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		
Switchgear (All voltages)																
	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		
Low voltage distribution network																
	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		
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		-	-	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		
Total Project/Programme		-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-transmission network including power transformers		Subtransmission														
	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
		Substations														
	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
Distribution network including distribution transformers		Distribution Conductors														
	11 kV Overhead lines (wood pole)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11 kV Underground cables (XLPE)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Distribution Substations														
	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)	-	-	-	-	-	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
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	-	-	-	-	-	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
Total Project/Programme		-	-	-	-	-	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Project/Programme	-	-	-	-	-	4,188,087	2,700,220	16,784,347	9,419,435	1,197,647	-	-	-	-	27,401,429