

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

December 2015



Issued:

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Dec-15	YTD 2016 US\$	US\$/kWh Sold		US\$/kWh generated	
			Dec-15	YTD 2016	Dec-15	2016 YTD
Revenue	505,860	506,477	0.508	0.171	0.415	0.141
Variable Costs	272,680	261,070	0.274	0.088	0.224	0.073
Fixed Costs	175,998	192,253	0.177	0.065	0.144	0.054
Total Expenses	448,677	453,323	0.451	0.153	0.368	0.127
Operating result	57,182	53,154	0.057	0.018	0.047	0.015
	kWh	kWh				
Power generation	1,219,033	3,580,094				
<i>Diesel</i>	1,193,140	3,497,830				
<i>Solar</i>	25,893	82,264				
<i>Solar PV as % of Total Generation</i>	2.1%	2.3%				
<i>Avoided Cost of Fuel - US\$</i>	5,296	16,882				
Government Sales	178,180	580,807				
Commercial Sales	535,433	1,592,055				
Residential Sales	233,727	652,065				
Intercompany Sales	51,924	144,984				
Sales Accrual	-4,095	-10,113				
Total Sales	995,169	2,959,797				
Power Loss	18.4%	17.3%				
Operating ratio	0.89	0.89				
Water Produced - Gallons	17,888,676	58,258,076				
Water Sold - Gallons	5,875,354	18,830,012				
Non Revenue Water	67.2%	67.7%				

Feeder	Conn's	Dec-15	2016 YTD
F1	276	207,520	654,852
F2	88	27,891	71,831
F3	444	327,870	962,112
F4	750	378,016	1,110,357
F5	363	54,291	159,006
Total	1,921	995,588	2,958,158

NB - Error on Total and Feeder sales YTD is <0.1%; within limits;

Daily generated output in December was 39,324 kWh/day; 0.6% higher than November. Average daily sales were 32,102 kWh/day; 1.8% lower than October. Total power losses increased from 16.1% to 18.4%. FY2016 loss to date is 17.3%. The reason for the increase is largely due to an accrual error in the November figures that was backed out in December.

Fuel efficiency reduced to 13.98 kWh/gallon in December – die largely to a problem with a Unit 2 cylinder – this was resolved in the month.

The split of power users for total sales in December is as follows:

Government – 23.2%; Commercial – 53.0%; Residential – 19.4.0%; Intercompany – 4.4%; Accrual -0.1%;

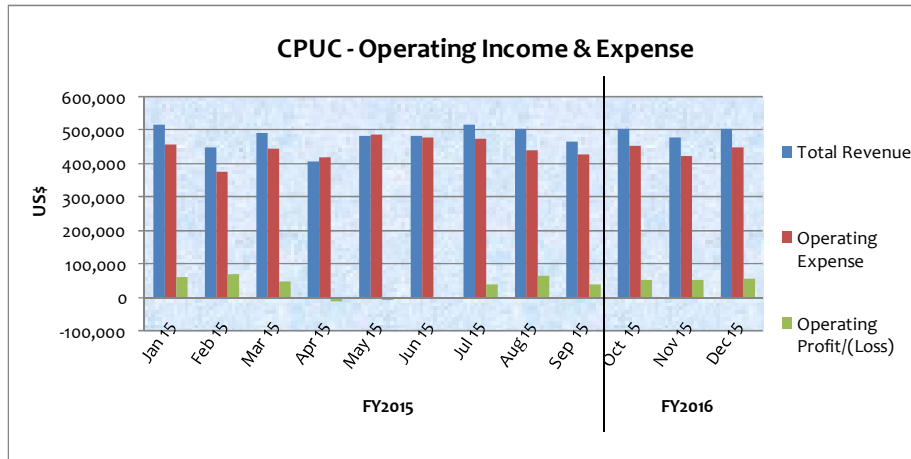
Solar PV generation in November was 25,893 kWh up slightly on November and accounted for 2.1% of total generation; the avoided cost of fuel in the month is US\$5,296.

Good progress continues to be made on the WWTP rehabilitation – process commissioning will commence in January.

The claim for materials and operational costs associated with Typhoon Maysak was approved in principle by IOM in October. Payment is stil pending USAID/IOM internal agreement on the contract between IOM and CPUC – it is now hoped this will be resolved by February 2016 – further purchase of materials to continue the recovery effort cannot be made until this payment is received.

CPUC power plant bid –Contract signing is scheduled for January once all the necessary approvals are in place – A board meeting uis scheduled for the 29th January for this purpose.

1 FINANCIAL PERFORMANCE GRAPHS

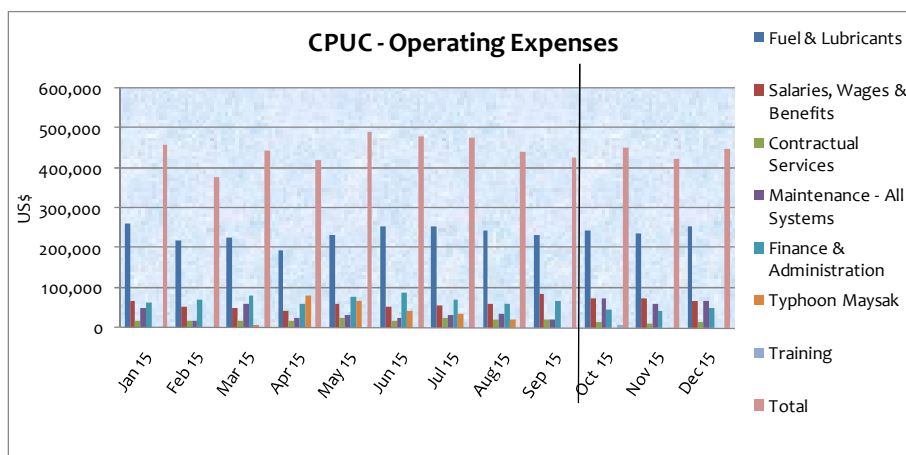


1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

November 2015: US\$55,716;

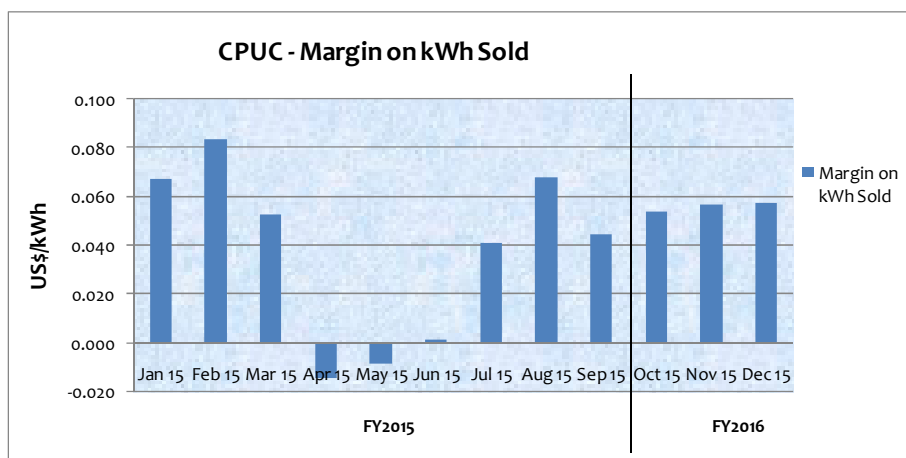
Operating ratio: 0.88



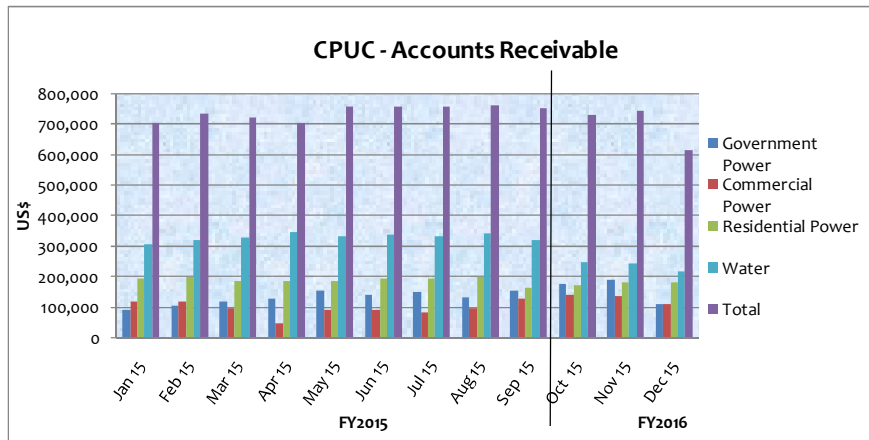
1.2 Key Points:

Price of Fuel in November:

US\$2.94/gallon;

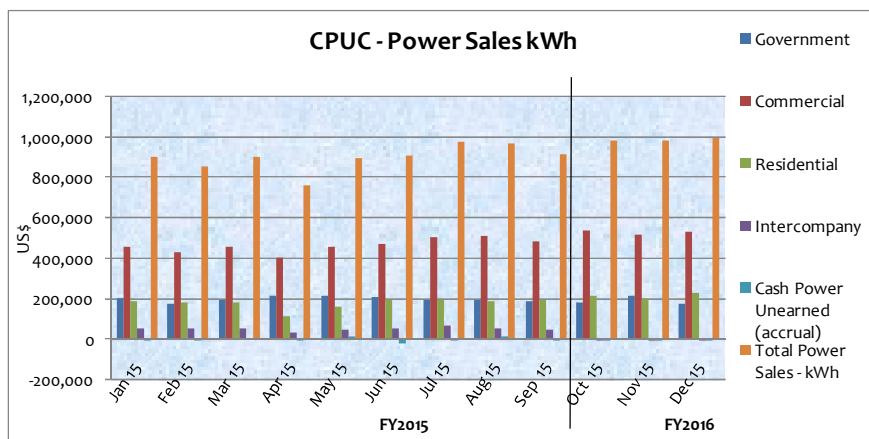


1.3 Key Points:

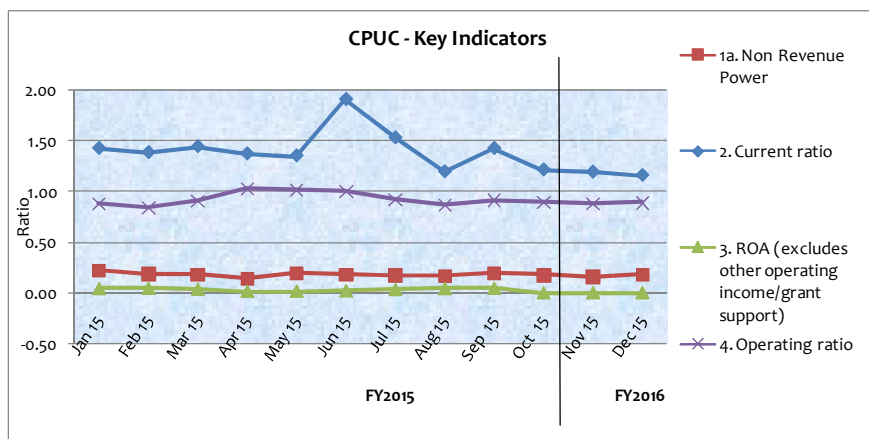


1.4 Key Points:

A sustained effort is being made by the billing department to reduce water arrears; Initial indications are that the efforts are working; A collection target of 95% has been set for FY2016;

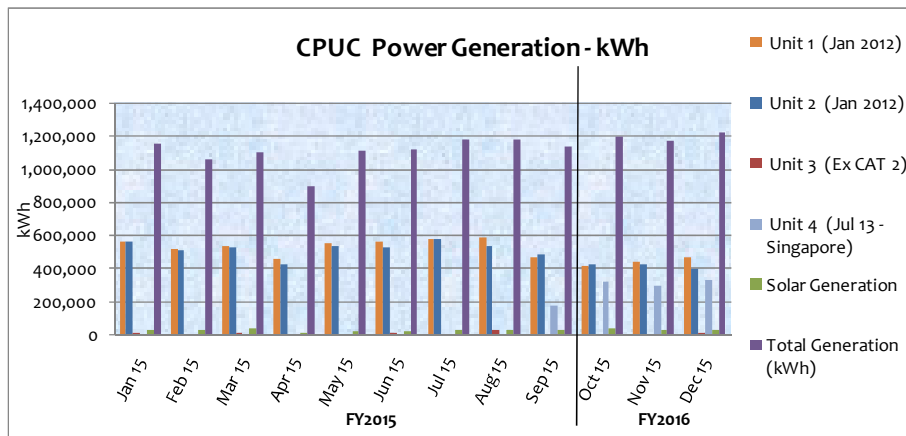


1.5 Key Points:

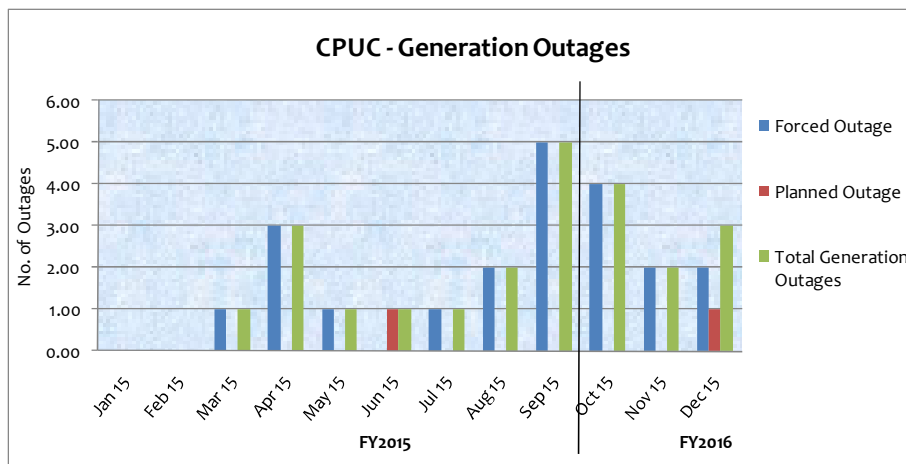


1.6 Key Points:

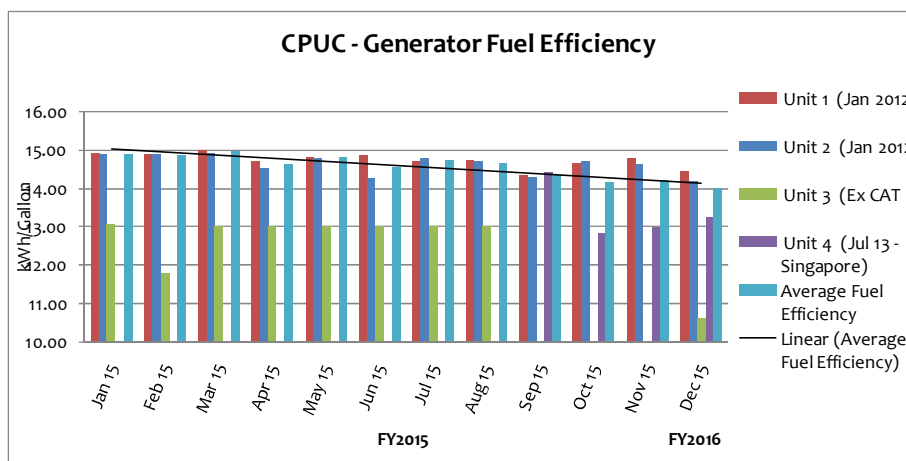
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

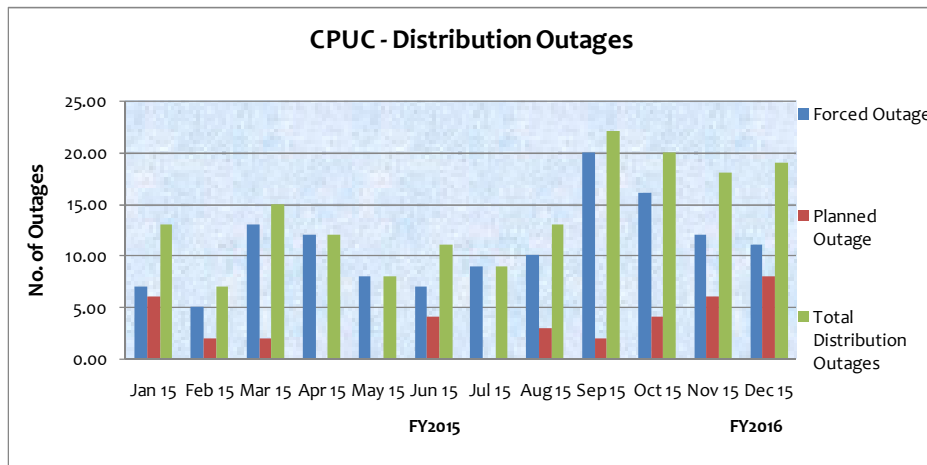


2.2 Key Points:



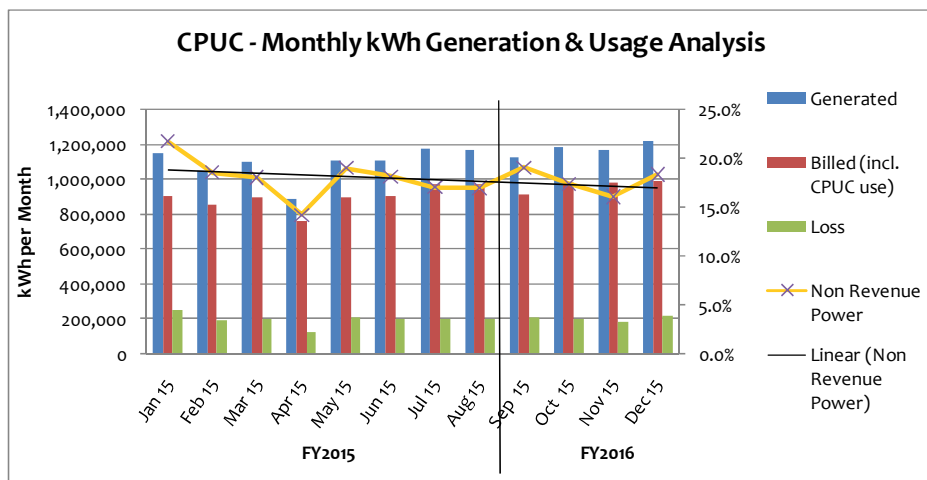
2.3 Key Points:

Decrease in fuel efficiency related to a damaged gasket on Unit #2 in December – the problem was identified and fixed.

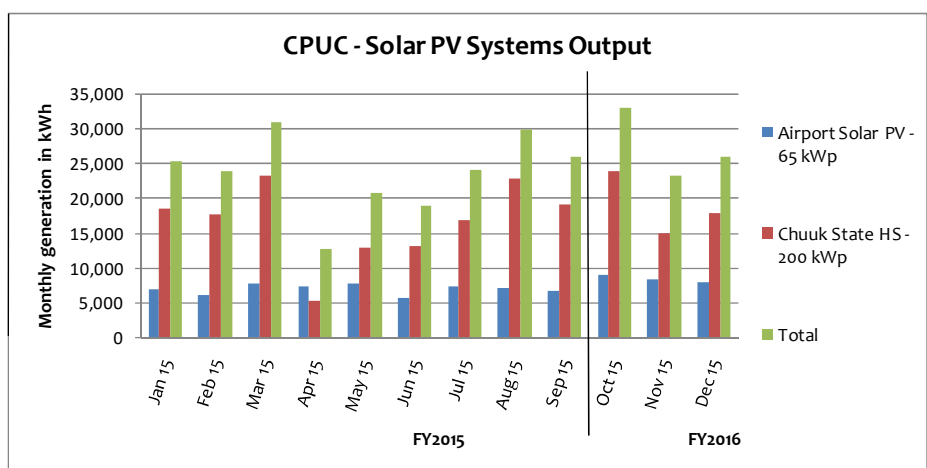


2.4 Key Points

Estimate of kWh sales lost to planned outages in December was 50,448 kWh; 2 sub-station outages were taken as well as a number of distribution outages – see Tables 4 and 5 for details.



2.5 Key Points:



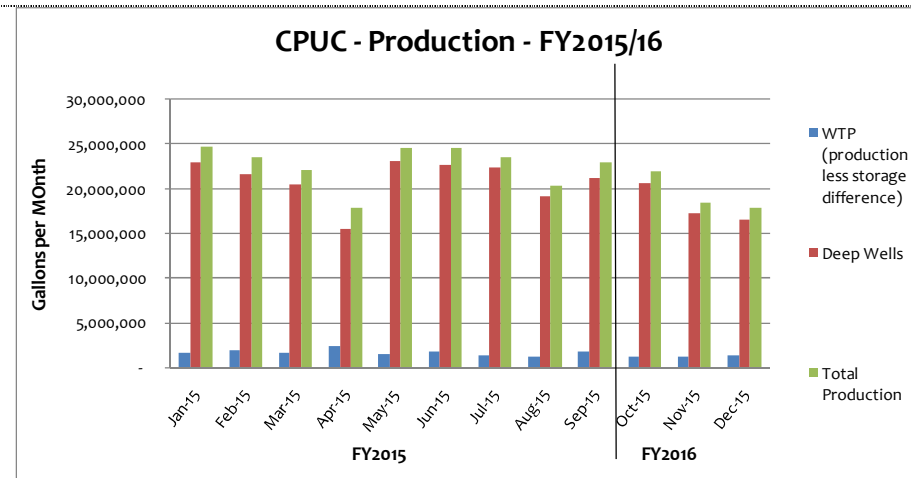
2.6 Key Points:

Solar PV accounted for 2.1% of CPUC generation in December 15 (YTD 2.3%);

Avoided cost of fuel was:

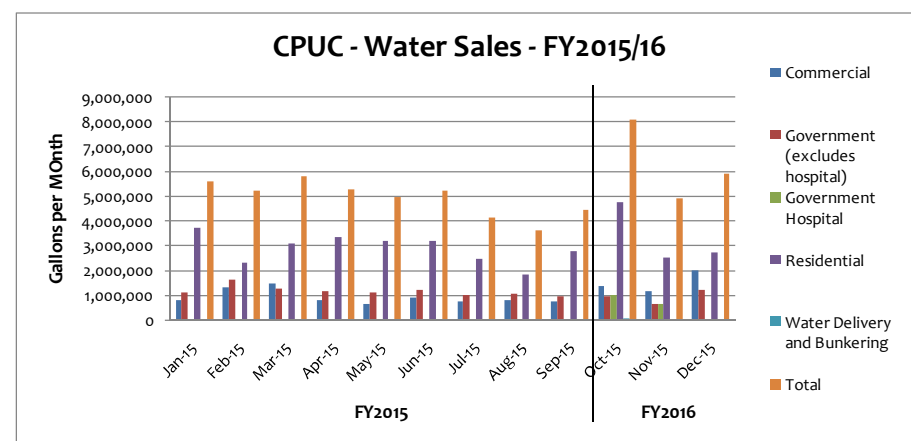
US\$5,296;
(US\$16,882 YTD)

3 WATER PERFORMANCE GRAPHS

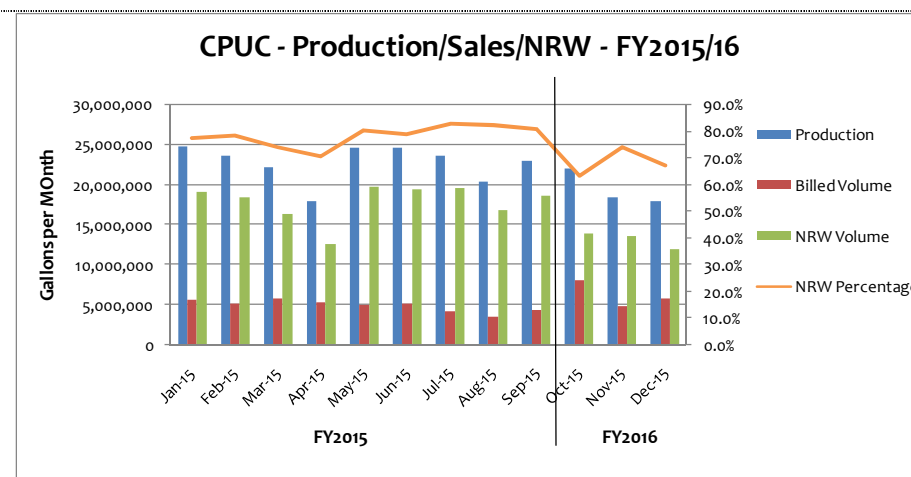


1 Key Points:

28 wells are capable of production; system in process of being optimized to balance production with demand;



Key Points:



Key Points:

Financial Table1 P & L Statement – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	FY 2016 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	431,877	385,351	396,773	346,101	405,364	419,322	443,682	444,120	399,300	443,615	442,147	459,407	5,082,085	1,345,169
b. Water Sales	28,560	31,370	34,172	30,322	27,512	27,965	24,546	23,572	25,965	29,345	18,319	23,069	366,510	70,733
c. Sewer Sales										15,129	10,929	13,076		39,133
d. I/company Power Sales (in Power Sales from Oct 15)	28,394	27,365	24,818	16,418	24,245	26,032	35,327	26,969	22,764	-	-	-	325,632	0
d.Other operating revenue	30,277	6,395	37,068	16,258	26,221	9,575	14,794	12,828	21,713	18,388	8,747	10,308	270,931	37,444
Revenue - Total	519,108	450,482	492,831	409,100	483,342	482,895	518,349	507,489	469,742	506,477	480,143	505,860	6,045,158	1,492,480
Expenses - US\$														
Fuel & Lubricants	261,765	219,057	226,497	193,012	232,548	254,925	255,263	244,584	232,533	241,803	236,880	252,887	3,044,499	731,570
Salaries, Wages & Benefits	67,027	52,922	47,964	43,416	60,567	51,540	57,528	58,588	84,308	74,375	73,686	67,242	694,839	215,303
Contractual Services	16,776	18,300	17,876	16,550	23,163	17,207	25,237	21,955	22,086	12,562	11,908	13,824	234,696	38,294
Typhoon Maysak Expenses	0	0	8,774	81,006	65,398	43,301	35,554	20,003	0	0	0	0	254,036	0
O&M - Power Generation	32,742	10,194	49,144	10,047	9,305	2,640	20,111	21,303	9,990	20,217	20,814	6,688	247,449	47,718
O&M - Power Distribution	2,047	880	3,331	2,982	4,464	9,765	734	1,553	635	6,016	6,646	16,453	36,554	29,115
O&M - Water	6,665	1,904	463	2,114	3,511	4,263	4,636	3,091	1,753	13,837	12,339	14,396	33,129	40,572
O&M - Sewer	-	-	-	-	-	-	-	-	-	10,982	6,123	8,058		25,163
Finance & Administration Overheads	35,989	42,500	58,102	44,540	50,611	62,497	33,868	32,829	44,515	44,579	43,045	48,065	523,013	135,688
Vehicle & Eq. Fuel	6,846	5,505	8,040	9,687	13,224	9,486	7,650	9,291	9,494	21,851	12,845	21,066	102,954	55,762
CPUC Power Usage (incl. in O&M from Oct 15)	28,394	27,365	24,818	16,418	24,245	26,032	35,327	26,969	22,764	0	0	0	325,632	0
Donation to Charity - Typhoon Maysak	0	0	0	0	3,891	0	0	0	0	0	0	0	3,891	0
Support to Energy Office	0	0	0	0	0	0	1,998	892	741	0	0	0	3,631	0
Training	0	0	0	0	0	0	0	0	0	7,102	141	0	0	7,243
Expense - Total	458,252	378,628	445,008	419,772	490,924	481,656	477,907	441,056	428,816	453,323	424,427	448,677	5,504,274	1,326,428
Operating Income/(Loss)	60,856	71,854	47,823	-10,672	-7,582	1,239	40,442	66,432	40,925	53,154	55,716	57,182	540,884	166,052
Non-Cash Expenses - US\$														
Depreciation	41,364	41,364	41,364	41,364	41,364	41,364	41,364	41,364	73,215	47,495	47,495	47,495	280,034	142,484
Interest Expense	10,266	10,266	10,266	10,266	10,266	10,266	10,266	10,266	10,266	10,381	10,381	10,381	61,598	31,142
Non-Cash Expense - Total - US\$	51,630	51,630	51,630	51,630	51,630	51,630	51,630	51,630	83,482	57,875	57,875	57,875	341,632	173,626
Net Income/(Loss) - excluding grant support - US\$	112,486	123,484	99,453	40,958	44,048	52,869	92,072	118,062	124,407	111,029	113,591	115,057	882,516	339,678
Non-operating Income (Grant Support) - US\$	177,223	133,892	103,029	253,803	6	1,340,403	100,003	10	1,329,107	5	10	9	4,960,627	23
Net Income/(Loss) - including grant support - US\$	289,710	257,376	202,482	294,761	44,054	1,393,272	192,075	118,073	1,453,514	111,034	113,601	115,066	5,843,143	339,700

Financial Table 2 Cash Flow and A/R Report – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	YTD FY2016
Cash Flow Report - US\$														
Receipts	620,850	439,698	508,599	602,013	415,348	1,799,036	549,932	407,018	1,328,531	352,943	617,326	474,404	9,617,051	1,444,673
Disbursements	1,362,424	520,887	498,115	430,365	444,529	844,480	1,295,174	829,322	1,041,431	552,819	672,487	553,723	9,111,033	1,779,029
Net receipts/Disbursements	-741,574	-81,189	10,484	171,648	-29,181	954,556	-745,242	-422,304	287,100	-199,876	-55,161	-79,319	506,018	-334,356
Cash balance (beginning)	1,615,453	873,879	792,690	803,174	974,822	945,641	1,900,197	1,154,955	732,651	1,019,751	819,875	764,714	513,733	2,604,340
Cash balance (end)	873,879	792,690	803,174	974,822	945,641	1,900,197	1,154,955	732,651	1,019,751	819,875	764,714	685,395	1,764,166	2,269,984
Other Financial Data - US\$														
Cash in Hand	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	4,181
Cash in Banks (Bank Overdraft)	872,485	791,296	801,781	973,428	944,248	1,898,803	1,153,561	731,257	1,018,357	818,482	763,320	684,000	1,018,357	2,265,802
Stocks	1,262,166	1,269,924	1,270,991	1,270,587	1,256,286	1,310,859	1,318,846	1,843,428	1,180,345	1,198,547	2,102,746	2,086,581	1,180,345	5,387,874
Trade Receivable	373,129	405,542	392,999	371,907	428,724	425,776	428,627	430,072	423,882	497,847	515,527	394,707	423,882	1,408,081
Other Accounts Receivable (Due From)	986,518	1,104,208	1,090,867	1,075,584	1,078,834	1,071,822	1,123,862	1,077,853	1,891,427	1,904,624	1,021,502	1,019,925	1,891,427	3,946,051
Loans Payable	4,879,978	4,879,978	4,912,221	4,774,531	4,774,531	4,774,531	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	14,036,214
Payables to Suppliers & creditors	1,765,154	1,785,533	1,713,575	1,911,459	1,949,651	1,912,399	1,901,187	2,517,307	2,645,331	2,805,456	2,839,917	2,736,577	2,645,331	8,381,950
Total Accounts Receivable (to date) - US\$														
Government Power	88,773	102,453	115,138	123,202	151,180	139,090	149,589	129,416	150,219	172,357	186,584	108,529	151,180	467,470
Commercial Power	114,879	117,111	93,537	45,881	88,073	90,606	80,833	93,640	122,992	140,179	131,933	106,292	88,073	378,404
Residential Power	192,126	195,953	184,983	185,162	184,404	190,153	193,665	196,358	162,187	171,536	178,582	180,865	184,404	530,983
Water	304,981	317,654	326,971	345,291	332,698	333,557	332,171	338,288	316,114	245,746	243,101	215,951	332,698	704,797
Sewer	-	-	-	-	-	-	-	-	-	95,271	100,972	106,769	-	-
Allowance for Doubtful	-327,630	-327,630	-327,630	-327,630	-327,630	-327,630	-327,630	-327,630	-327,630	-327,241	-325,645	-323,698	-327,630	-976,585
Total	373,129	405,542	392,999	371,907	428,724	425,776	428,627	430,072	423,882	497,847	515,527	394,707	428,724	1,408,081

Financial Table 3 Power Sales Report – January to December 2015

Power Sales Report	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	YTD 2016
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	74,240	66,379	68,622	69,465	77,702	66,548	66,117	61,105	56,581	58,819	59,435	58,401	850,363	176,656
Government - Post Paid (Cash Power)	29,997	20,978	25,516	34,770	24,304	36,855	32,033	34,680	32,842	27,398	37,837	24,745	383,753	89,980
Government Streetlights	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	31,152	7,788
Solar	2,876	2,876	2,876	2,876	2,876	2,876	2,876	2,876	2,876	2,661	2,661	2,661	34,515	7,983
Government Total	109,709	92,830	99,610	109,707	107,478	108,876	103,623	101,257	94,896	91,474	102,529	88,403	1,299,784	282,406
Commercial - Post Paid	180,745	157,500	157,945	138,098	167,844	172,366	189,475	188,914	167,976	182,069	175,780	182,152	2,055,368	540,001
Commercial - Pre Paid (Cashpower)	53,331	51,288	54,365	50,197	51,918	57,074	58,871	58,808	59,949	64,632	58,778	66,141	697,472	189,551
Commercial Total	234,076	208,788	212,309	188,295	219,762	229,440	248,346	247,722	227,925	246,701	234,558	248,293	2,752,841	729,553
Residential - Post Paid	6,446	5,569	4,704	1,059	747	4,795	3,953	3,793	5,825	5,947	5,152	5,484	53,049	16,583
Residential - Pre Paid (Cashpower)	83,108	76,691	76,485	50,195	71,660	83,895	88,099	83,180	78,994	86,978	80,669	95,131	986,009	262,778
Residential Total	89,554	82,260	81,189	51,254	72,407	88,690	92,052	86,973	84,819	92,925	85,822	100,615	1,039,057	279,362
Trade Power Sales Total	433,339	383,878	393,109	349,256	399,647	427,006	444,020	435,952	407,640	431,101	422,908	437,311	5,091,681	1,291,321
Intercompany - CPUC Office	28,394	27,365	24,818	16,418	24,245	26,032	35,327	26,969	22,764	1,566	1,608	1,566	325,632	4,740
Intercompany - CPUC Power Operation	-	-	-	-	-	-	-	-	-	2,255	2,462	2,365	-	7,082
Intercompany - CPUC Water Operations	-	-	-	-	-	-	-	-	-	11,061	9,479	12,219	-	32,760
Intercompany - CPUC Sewer Operations	-	-	-	-	-	-	-	-	-	8,206	6,123	7,573	-	21,902
Cash Power Unearned	-1,462	1,473	3,665	-3,155	5,717	-7,684	-338	8,169	-8,340	-10,575	-433	-1,628	-9,596	-12,636
Total Power Sales - US\$	460,271	412,716	421,591	362,520	429,609	445,355	479,009	471,089	422,064	443,615	442,147	459,407	5,407,717	1,345,169
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	141,349	132,492	142,308	143,998	161,667	131,250	129,606	120,761	116,213	122,558	134,591	121,595	1,648,805	378,743
Government - Pre Paid (Cash Power)	56,878	42,236	51,990	69,665	48,540	72,563	62,785	69,290	67,480	57,092	78,991	51,887	737,415	187,970
Government - Street Lights	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	56,376	14,094
Government Total	202,924	179,426	198,996	218,361	214,905	208,511	197,089	194,749	188,391	184,347	218,280	178,180	2,442,596	580,807
Commercial - Post Paid	357,543	326,722	342,556	298,654	349,562	353,810	386,789	391,644	360,437	396,695	391,336	390,672	4,146,250	1,178,702
Commercial - Pre Paid (Cashpower)	105,106	107,589	115,473	104,774	108,005	116,978	120,095	122,389	128,454	140,535	128,056	144,761	1,398,702	413,352
Commercial Total	462,649	434,311	458,029	403,428	457,567	470,788	506,885	514,033	488,891	537,230	519,392	535,433	5,544,952	1,592,055
Residential - Post Paid	13,655	12,083	11,889	2,449	1,682	10,937	8,622	8,302	13,432	13,837	14,048	10,833	114,588	38,718
Residential - Pre Paid (Cashpower)	174,122	171,722	173,829	111,794	159,033	183,258	191,478	184,679	180,929	202,369	188,084	222,894	2,100,803	613,346
Residential Total	187,777	183,805	185,717	114,243	160,715	194,195	200,100	192,981	194,361	216,206	202,132	233,727	2,215,391	652,065
Trade Power Sales Total	853,351	797,542	842,742	736,032	833,187	873,494	904,074	871,643	871,643	937,783	939,804	947,340	10,202,938	2,824,926
Intercompany - CPUC Office	55,965	57,405	52,714	34,269	50,436	53,356	72,066	56,126	48,776	3,405	3,503	3,428	651,629	10,336
Intercompany - CPUC Power Operation	-	-	-	-	-	-	-	-	-	4,903	5,363	5,177	-	15,443
Intercompany - CPUC Water Operations	-	-	-	-	-	-	-	-	-	24,051	20,652	26,744	-	71,447
Intercompany - CPUC Sewer Operations	-	-	-	-	-	-	-	-	-	17,844	13,339	16,575	-	47,758
Cash Power Unearned (accrual)	-5,593	3,113	6,863	-6,749	13,594	-14,925	-323	15,529	-4,607	-4,855	-1,163	-4,095	-9,717	-10,113
Total Power Sales - kWh	903,723	858,060	902,320	763,552	897,217	911,924	975,816	973,419	915,812	983,131	981,498	995,169	10,844,850	2,959,797

Financial Table 4 Water Sales Report – January to December 2015

Water/Sewer Sales Report	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	YTD 2016
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	5,313	7,820	6,204	5,673	5,343	5,852	4,736	4,972	4,685	9,688	5,867	5,759	72,366	21,314
Commercial	3,626	6,346	7,065	3,526	2,910	4,067	3,371	3,568	3,340	6,456	5,364	9,624	52,489	21,444
Residential	9,832	6,932	9,104	9,828	9,352	8,309	7,566	5,602	8,158	14,120	7,484	7,847	115,704	29,451
Provision for Billing Errors	-1,680	-3,135	-255	0	-494	-1,374	-1,191	-558	-288	-919	-396	-162	-14,583	-1,477
Total	17,090	17,962	22,118	19,027	17,111	16,853	14,482	13,585	15,895	29,345	18,319	23,069	225,977	70,733
Sewer Sales - US\$														
Government	-	-	-	-	-	-	-	-	-	4,800	2,909	2,857	-	10,566
Commercial	-	-	-	-	-	-	-	-	-	2,871	2,221	4,360	-	9,451
Commercial with No Water	-	-	-	-	-	-	-	-	-	4,048	3,819	3,254	-	11,121
Residential	-	-	-	-	-	-	-	-	-	1,456	639	641	-	2,736
Residential with No Water	-	-	-	-	-	-	-	-	-	2,060	2,000	2,010	-	6,070
Provision for Billing Errors	-	-	-	-	-	-	-	-	-	-106	-659	-46	-	-811
Sewer Sales	11,470	13,408	12,054	11,295	10,401	11,113	10,064	9,987	10,069	15,129	10,929	13,076	140,533	39,133
Total Water & Sewer Sales	28,560	31,370	34,172	30,322	27,512	27,965	24,546	23,572	25,965	44,474	29,248	36,144	366,510	109,867
Water Sales - Gallons														
Government	1,082,622	1,587,353	1,251,160	1,162,840	1,100,520	1,187,650	968,910	1,014,700	959,590	1,960,850	1,202,440	1,175,100	14,741,265	4,338,390
Commercial	785,718	1,322,385	1,475,714	770,360	647,370	864,180	725,700	759,203	727,476	1,353,064	1,127,860	1,994,655	11,251,173	4,475,580
Residential	3,714,347	2,276,559	3,054,518	3,318,098	3,183,920	3,167,270	2,426,586	1,833,151	2,736,952	4,737,307	2,520,050	2,703,599	39,880,995	9,960,956
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	38,000	15,086	2,000	0	55,086
Total	5,582,687	5,186,297	5,781,392	5,251,298	4,931,810	5,219,100	4,121,196	3,607,054	4,424,018	8,089,221	4,865,436	5,875,354	65,873,433	18,830,012

Financial Table 5 Key Performance Indicators – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY2015	YTD FY2016
1a. Non Revenue Power	21.7%	18.6%	18.1%	14.3%	19.0%	18.2%	17.1%	17.0%	19.1%	17.4%	16.1%	18.4%	18.9%	17.3%
Total Power Generated - kWh	1,154,419	1,053,840	1,101,801	890,884	1,108,233	1,114,323	1,176,756	1,172,815	1,131,634	1,190,660	1,170,401	1,219,033	13,380,232	3,580,094
Total Power Billed - kWh	903,723	858,060	902,320	763,552	897,217	911,924	975,816	973,419	915,812	983,131	981,498	995,169	10,844,850	2,959,797
Generation Loss (assumed 6%) - kWh	69,265	63,230	66,108	53,453	66,494	66,859	70,605	70,369	67,898	71,440	70,224	73,142	802,814	214,806
Distribution Loss Estimate - kWh	152,570	106,204	105,828	51,607	116,816	107,681	100,916	99,707	119,633	106,323	89,419	120,246	1,398,062	315,989
Commercial Loss (assumed 2.5%) - kWh	28,860	26,346	27,545	22,272	27,706	27,858	29,419	29,320	28,291	29,767	29,260	30,476	334,506	89,502
Street Light Usage	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	24,750	6,188
Total Loss - kWh	250,696	195,780	199,481	127,332	211,016	202,399	200,940	199,396	215,822	207,529	188,903	223,864	2,535,382	620,297
Distribution loss %	13.2%	10.1%	9.6%	5.8%	10.5%	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	8.8%
1b. Non Revenue Water	77.4%	76.9%	73.8%	70.6%	79.9%	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	75.3%	67.7%
Water Produced (million gallons)	24.7	22.5	22.1	17.8	24.5	24.6	23.6	20.3	22.9	21.9	18.4	17.9	266.2	58.3
Water Billed (million gallons)	5.58	5.19	5.78	5.25	4.93	5.22	4.12	3.61	4.42	8.09	4.87	5.88	65.9	18.8
2. Current ratio	1.42	1.38	1.44	1.37	1.35	1.90	1.53	1.19	1.42	1.21	1.19	1.16	1.42	1.20
3. ROA (excludes other operating income/grant support)	4.153%	4.424%	3.563%	1.467%	1.578%	1.894%	3.299%	4.230%	4.407%	-0.009%	-0.004%	-0.001%	0.343	0.108
4. Operating ratio	0.88	0.84	0.90	1.03	1.02	1.00	0.92	0.87	0.91	0.90	0.88	0.89	0.911	0.889

Power Table 1 Power Operation Indicators – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY2015	YTD 2016
Generation Statistics														
Diesel Generation - kWh	1,129,060	1,029,990	1,070,890	878,150	1,087,460	1,095,480	1,152,570	1,142,900	1,105,620	1,157,640	1,147,050	1,193,140	13,092,590	3,497,830
Peak Generation - kW	1,954	2,080	2,140	2,080	2,110	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,250	6,830
Fuel Consumption - Gallons	75,855	69,352	71,660	60,129	73,514	75,292	78,284	77,885	77,238	81,980	80,668	85,326	891,055	247,974
Average Fuel Price (\$/Gallon)	3.39	3.09	3.10	3.13	3.16	3.26	3.25	3.08	2.94	2.89	2.94	2.86	3.37	8.69
Load Factor (%)	75%	64%	65%	54%	66%	63%	67%	66%	65%	66%	65%	68%	0%	99%
Capacity Factor (%)	35%	37%	38%	37%	38%	40%	40%	40%	39%	41%	41%	40%	40%	122%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	300%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	-100%
Solar PV Generation - kWh	25,359	23,850	30,911	12,734	20,773	18,843	24,186	29,915	26,014	33,020	23,351	25,893	287,642	82,264
Solar Generation %	2.2%	2.3%	2.8%	1.4%	1.9%	1.7%	2.1%	2.6%	2.3%	2.8%	2.0%	2.1%	2.1%	2.3%
Peak PV Generation -kW	185	174	225	93	151	137	176	218	190	241	170	189	225	241
Avoided Fuel - Gallons	1,704	1,606	2,068	872	1,404	1,295	1,643	2,039	1,817	2,338	1,642	1,852	19,559	5,832
Avoided Cost of Fuel - US\$	5,776	4,962	6,412	2,729	4,438	4,222	5,339	6,279	5,343	6,758	4,828	5,296	65,680	16,882
Labour Productivity (kWh/Emp/d)	1,138	1,038	1,080	885	1,096	1,104	1,162	1,152	1,115	1,167	1,156	1,203	1,121	3,526
SFOC (kWh/gal)														
Unit 1 (Jan 2012)	14.92	14.87	15.00	14.70	14.82	14.86	14.69	14.73	14.33	14.65	14.76	14.44	14.75	14.61
Unit 2 (Jan 2012)	14.90	14.87	14.93	14.52	14.78	14.26	14.78	14.71	14.27	14.71	14.62	14.18	14.68	14.51
Unit 3 (Ex CAT 2)	13.05	11.80	13.00	13.00	13.02	13.01	13.03	13.02	0.00	0.00	0.00	10.60	12.72	10.60
Unit 4 (Jul 13 - Singapore)	-	-	-	-	-	-	-	-	14.40	12.84	12.98	13.26	14.40	13.02
SLOC (kWh/gal)														
Unit 1 (Jan 2012)	2,956.7	5,438.6	2,807.3	4,782.2	5,806.1	5,896.5	3,018.4	6,122.7	4,840.0	3,607.5	3,621.8	4,900.4	4,269	12,130
Unit 2 (Jan 2012)	2,917.1	5,347.5	4,799.1	4,010.2	5,316.6	5,029.5	5,211.9	2,676.7	5,027.7	3,857.6	2,573.6	2,086.2	4,255	8,517
Unit 3 (Ex CAT 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Unit 4 (Jul 13 - Singapore)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Forced Outage Factor (%)	0.0%	0.0%	3.5%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.34%	0.11%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.05%	0.44%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	16.6%	17.7%	18.2%	17.7%	17.9%	19.0%	18.9%	19.1%	18.7%	24.1%	24.0%	23.8%	21.8%	24.1%
Distribution Losses (%)	13.2%	10.1%	9.6%	5.8%	10.5%	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	12.6%	26.4%
SAIDI (hours/consumer)	1.15	0.27	6.00	0.11	0.08	0.28	0.31	0.65	0.14	0.66	0.86	1.44	11.60	2.96
SAIFI	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09	0.03
Average Cost (\$/kWh)	0.22	0.20	0.20	0.21	0.21	0.22	0.22	0.20	0.20	0.20	0.20	0.20	0.22	0.20

Power Table 2 Power Generation Statistics – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	FY 2016 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	561,770	516,670	533,380	454,310	551,580	560,170	573,500	581,660	459,800	414,860	434,610	465,540	6,489,250	1,315,010
Unit 2 (Jan 2012)	554,240	508,010	527,900	421,070	531,660	528,100	573,310	535,340	477,630	424,340	424,640	396,380	6,339,820	1,245,360
Unit 3 (Ex CAT 2)	13,050	5,310	9,610	2,770	4,220	7,210	5,760	25,900	0	0	0	7,210	95,330	7,210
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	168,190	318,440	287,800	324,010	168,190	930,250
Diesel Generation Total (kWh)	1,129,060	1,029,990	1,070,890	878,150	1,087,460	1,095,480	1,152,570	1,142,900	1,105,620	1,157,640	1,147,050	1,193,140	13,092,590	3,497,830
Airport Solar Panel	6,904	6,135	7,738	7,311	7,870	5,681	7,348	7,135	6,856	9,064	8,396	7,927	84,370	25,387
High School Solar Grid Connect	18,455	17,715	23,173	5,423	12,903	13,162	16,838	22,780	19,158	23,956	14,955	17,966	203,272	56,877
Solar PV Generation Total (kWh)	25,359	23,850	30,911	12,734	20,773	18,843	24,186	29,915	26,014	33,020	23,351	25,893	287,642	82,264
Total Generation (kWh)	1,154,419	1,053,840	1,101,801	890,884	1,108,233	1,114,323	1,176,756	1,172,815	1,131,634	1,190,660	1,170,401	1,219,033	13,380,232	3,580,094
Maximum Demand (kW)	1,954	2,080	2,140	2,080	2,110	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,250	2,290
Engine Rating kW (at 0.8 PF)														
Unit 1 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	3,900
Unit 2 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	3,900
Unit 3 (Ex CAT 2)	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	3,600
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	1,600	1,600	1,600	1,600	0	4,800
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	4,774	5,576	4,471	3,672	4,230	3,324	3,626	3,699	3,180	3,405	3,503	0	52,826	6,908
Running Hours														
Unit 1 (Jan 2012)	738	644	677	520	653	706	736	738	564	469	493	519	8,168	1,481
Unit 2 (Jan 2012)	733	643	693	486	637	712	738	708	608	486	494	479	8,151	1,459
Unit 3 (Ex CAT 2)	11	9	15	3	2	12	11	43	0	0	0	11	132	11
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	192	259	207	223	192	689
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,482	1,296	1,385	1,009	1,292	1,430	1,485	1,489	1,364	1,214	1,194	1,231	16,642	3,639

Power Table 3 Fuel & Lube Oil Statistics – January to December 2015

	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	FY 2015	FY 2016 YTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	39,292	37,649	34,745	35,571	30,915	37,219	37,700	39,050	39,499	32,091	28,325	29,443	439,986	57,768
Unit 2 (Jan 2012)	38,729	37,206	34,157	35,350	29,001	35,971	37,038	38,792	36,396	33,464	28,848	29,047	431,893	57,896
Unit 3 (Ex CAT 2)	449	1,000	450	739	213	324	554	442	1,990	0	0	0	7,493	0
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	11,683	24,807	22,178	11,683	46,984
Total Fuel Consumption (Gals)	78,471	75,855	69,352	71,660	60,129	73,514	75,292	78,284	77,885	77,238	81,980	80,668	891,055	162,648
Average Fuel Price (\$/Gallon)	3.74	3.39	3.09	3.10	3.13	3.16	3.26	3.25	3.08	2.94	2.89	2.94	3.37	2.91
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	0	0	0	0	0	0	0	0	0	0	20	25	0	45
Unit 2 (Jan 2012)	0	0	0	15	10	5	10	15	10	0	15	70	65	85
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	0	0	0	15	10	5	10	15	10	0	35	95	65	130
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	95	190	95	190	95	95	95	190	95	95	95	95	1,520	190
Unit 2 (Jan 2012)	190	190	95	95	95	95	95	95	190	95	95	95	1,425	190
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	0	95	95	0	190
Total Oil Change Volume (Gals)	285	380	190	285	190	190	190	285	285	190	285	285	2,945	570

Power Table 4 Power Distribution Statistics – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	FY 2016 YTD
Number of Outages (Frequency)														
Forced - Generation	0	0	1	3	1	0	1	2	5	4	2	2	14	8
Planned - Generation	0	0	0	0	0	1	0	0	0	0	0	1	1	1
Total Number of Outages (Gen)	0	0	1	3	1	1	1	2	5	4	2	3	15	9
Forced - Distribution	7	5	13	12	8	7	9	10	20	16	12	11	115	39
Feeder 1	0	0	2	2	0	1	1	2	5	3	2	3	13	8
Feeder 2	1	0	3	4	2	3	2	2	5	4	2	2	30	8
Feeder 3	1	4	5	4	3	1	2	3	5	3	3	2	35	8
Feeder 4	5	1	3	2	3	2	4	3	5	3	5	2	37	10
Feeder 5										3	0	2		
Planned - Distribution	6	2	2	0	0	4	0	3	2	4	6	8	36	18
Feeder 1	0	1	0	0	0	1	0	0	0	2	0	1	3	3
Feeder 2	0	0	0	0	0	1	0	0	1	1	2	4	3	7
Feeder 3	2	0	2	0	0	1	0	3	1	0	0	1	14	1
Feeder 4	4	1	0	0	0	1	0	0	0	0	2	2	16	4
Feeder 5										1	2	0		
Total Number of Outages (Dist)	13	7	15	12	8	11	9	13	22	20	18	19	151	57

Power Table 5 Power Outage Statistics – January to December 2015

	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	FY 2015	FY 2016 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.0	26.0	0.4	0.1	0.0	0.4	0.3	0.6	0.2	0.4	0.2	29.6	0.8
Planned - Generation	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.2	4.0	3.2
Total Duration Gen Outage (Hrs)	0.0	0.0	26.0	0.4	0.1	4.0	0.4	0.3	0.6	0.2	0.4	3.4	33.6	4.0
Forced - Distribution	8.4	1.8	158.1	3.1	2.1	4.0	8.4	2.1	0.6	1.0	3.8	1.5	226.7	6.3
Feeder 1										0.3	0.3	0.7		1.2
Feeder 2										0.2	0.3	0.2		0.6
Feeder 3										0.2	0.5	0.2		0.9
Feeder 4										0.2	2.8	0.2		3.2
Feeder 5										0.2	0.0	0.2		0.4
Planned - Distribution	22.9	5.6	5.3	0.0	0.0	3.7	0.0	15.7	3.4	16.9	19.7	37.7	89.1	74.2
Feeder 1										7.8	0.0	3.4		11.2
Feeder 2										2.1	9.2	20.7		32.0
Feeder 3										0.0	0.0	6.1		6.1
Feeder 4										0.0	7.8	4.1		11.9
Feeder 5										7.0	2.7	3.4		13.1
Total Duration Dist Outage (Hrs)	31.3	7.4	163.4	3.1	2.1	7.7	8.4	17.8	3.9	18.8	27.3	40.7	315.8	80.5

Water Table 1 Water Production & Sales Data Statistics – January to December 2015

COMPANY WIDE DATA	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Production (Gallons)												
WTP (production less storage difference)	1,674,500	1,848,200	1,545,200	2,282,300	1,404,300	1,827,400	1,292,500	1,182,600	1,713,500	1,233,400	1,122,500	1,284,900
Wells	23,010,832	21,690,875	20,519,786	15,560,456	23,136,459	22,750,799	22,318,000	19,128,000	21,207,500	20,691,800	17,321,000	16,603,776
	24,685,332	23,539,075	22,064,986	17,842,756	24,540,759	24,578,199	23,610,500	20,310,600	22,921,000	21,925,200	18,443,500	17,888,676
Volume Billed (Gallons)												
Commercial	785,718	1,322,385	1,475,714	770,360	647,370	864,180	725,700	759,203	727,476	1,353,064	1,127,860	1,994,655
Government (excludes hospital)	1,082,622	1,587,353	1,251,160	1,162,840	1,100,520	1,187,650	968,910	1,014,700	959,590	955,350	601,640	1,175,100
Government Hospital										1,005,500	600,800	0
Residential	3,714,347	2,276,559	3,054,518	3,318,098	3,183,920	3,167,270	2,426,586	1,833,151	2,736,952	4,737,307	2,520,050	2,703,599
Water Delivery and Bunkering										38,000	15,086	2,000
Total	5,582,687	5,186,297	5,781,392	5,251,298	4,931,810	5,219,100	4,121,196	3,607,054	4,424,018	8,089,221	4,865,436	5,875,354
NRW												
Volume	19,102,645	18,352,778	16,283,594	12,591,458	19,608,949	19,359,099	19,489,304	16,703,546	18,496,982	13,835,979	13,578,064	12,013,322
	77.4%	78.0%	73.8%	70.6%	79.9%	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%
Invoiced Water Value (USD)												
Water Delivery and Bunkering												50
Commercial	3,626	6,534	7,058	3,519	3,132	4,194	3,562	3,189	2,815	6,704	5,564	9,840
Government (includes hospital)	5,313	7,821	6,204	5,673	5,343	5,852	4,665	4,958	4,283	9,688	5,867	5,759
Residential	9,832	6,159	8,701	8,102	8,138	7,311	6,576	4,970	7,408	14,120	7,484	7,847
	18,771	20,513	21,963	17,294	16,613	17,357	14,803	13,118	14,506	30,512	18,915	23,447
Sewer Charges (USD)												
Commercial	5,962	2,994	3,449	1,643	1,183	1,681	1,396	1,487	1,372	2,871	2,221	4,360
Commercial - w/o water		4,197	3,968	4,164	3,978	4,164	4,130	4,130	4,130	4,048	3,819	3,254
Government	2,639	3,883	3,090	2,825	2,660	2,914	2,350	2,473	2,324	4,800	2,909	2,857
Residential		583	887	961	891	704	635	327	704	1,456	639	641
Residential w/o water	2,870	1,750	660	1,700	1,670	1,650	1,570	1,540	1,540	2,060	2,000	2,010
	11,470	13,408	12,054	11,293	10,381	11,112	10,161	9,987	10,069	15,235	11,589	13,122

Water Table 2 Water/Sewer Connection Data – January to December 2015

COMPANY WIDE DATA	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Water Connection Data (No. of Connections)												
Commercial - Billed	59	63	62	61	61	61	61	59	63	64	65	65
Commercial - Disconnected	5	5	5	5	4	4	5	8	8	6	5	2
Commercial - Awaiting Connection	3	3	3	3	3	3	3	3	3	3	3	3
Commercial Avge Consumption - Gall/conn/mth	13,317	20,990	23,802	12,629	10,613	14,167	11,897	12,868	11,547	21,142	17,352	30,687
Government - Billed	15	15	12	15	18	14	15	13	14	16	15	15
Government - Disconnected	2	1	1	1	1	1	1	3	2	2	2	1
Government - Awaiting Connection	1	1	1	1	1	0	0	0	0	0	0	0
Government Avge Consumption - Gall/conn/mth	72,175	105,824	104,263	77,523	61,140	84,832	64,594	78,054	68,542	59,709	40,109	78,340
Hospital - Billed											1	
Hospital - Disconnected											0	
Hospital - Awaiting Connection											0	
Hospital Avge Consumption - Gall/conn/mth										1005500		
Residential - Billed	393	426	416	413	414	392	368	327	334	340	343	340
Residential - Disconnected	96	259	74	80	76	81	108	136	126	119	119	119
Residential - Awaiting Connection	152	26	23	24	27	26	39	49	62	63	61	64
Residential Avge Consumption - Gall/conn/mth	9,451	5,344	7,343	8,034	7,691	8,080	6,594	5,606	8,194	13,933	7,347	7,952
Sewer Connection Data (No. of Connections)												
Commercial Billed	105	36	28	30	32	20	23	29	31	24	23	30
Commercial Billed w/o water		53	53	53	53	53	53	53	53	53	53	53
Government Billed	14	9	6	10	11	7	9	7	8	11	10	10
Residential Billed		198	196	200	217	151	171	142	134	127	136	135
Residential Billed w/o water	472	169	64	162	160	161	159	151	144	198	193	177
SEWER OVERFLOWS												
North Zone	1	0	2	1	0	0	0	1	1	0	1	0
South Zone	2	3	3	2	2	1	1	3	1	1	0	0

Water Table 3 Zonal Water Use Statistics – FY2016

ZONAL NRW - DECEMBER 2015

Zone	Production Gallons	Sales Gallons	NRW	
			Gallons	%
1	1,187,900	471,650	716,250	60%
2	13,039,444	3,639,610	9,399,834	72%
3	1,144,035	115,390	1,028,645	90%
4	754,200	173,314	580,886	77%
5	0	0	0	-
6	1,368,176	1,229,800	138,376	10%
7	12,849	8,700	4,149	-
8	382,072	236,890	145,182	38%
Total	17,888,676	5,875,354	12,013,322	67%

ZONAL NRW - FY2016 YTD

Zone	Production Gallons	Sales Gallons	NRW	
			Gallons	%
1	1,948,500	647,450	1,301,050	67%
2	15,664,340	5,538,546	10,125,794	65%
3	1,291,120	152,460	1,138,660	88%
4	924,200	134,835	789,365	85%
5	0	0	0	-
6	1,744,100	1,555,560	188,540	11%
7	123,340	0	123,340	-
8	229,600	60,370	169,230	74%
Total	21,925,200	8,089,221	13,835,979	63%

ZONAL WATER CONSUMPTION - DECEMBER 2015

Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential
1	48,733	48,700	-	7,907
2	30,133	19,905	-	7,556
3	-	8,280	-	6,694
4	7,900	-	-	14,319
5	#DIV/o!	#DIV/o!	-	#DIV/o!
6	43,763	#DIV/o!	742,600	0
7	-	-	-	2,175
8	300	43,256	-	3,385
Total	21,142	59,709	1,005,500	13,933

ZONAL WATER CONSUMPTION - FY2016 YTD

Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential
1	55,900	97,800	-	11,234
2	15,504	98,805	-	15,871
3	-	10,820	-	7,695
4	10,137	-	-	9,493
5	#DIV/o!	#DIV/o!	-	#DIV/o!
6	111,083	0	1,005,500	8,030
7	-	-	-	-
8	0	11,368	-	2,483
Total	69,931	170,756	1,606,300	29,297

Administration Table 1 H&S Statistics – December 2015 & FY 2016



HEALTH & SAFETY REPORT: FY2016 - December 2015

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	December 2015						YEAR TO DATE - FY2016					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,645	0	0	0	0	0	5,016	0	0	0	0	0
Maintenance	8	1,481	0	0	0	0	0	4,351	0	0	0	0	0
Power Distribution - Line	17	3,596	0	0	0	0	0	9,603	0	0	0	0	0
Power Distribution - Contractors	10	2,029	0	0	0	0	0	5,530	0	0	0	0	0
Water & Sewer	10	1,577	0	0	0	0	0	5,182	0	0	0	0	0
Water & Sewer Contractors	9	2,004	0	0	0	0	0	6,178	0	0	0	0	0
Fin, Admin, Cust Care	17	2,476	0	0	0	0	0	7,553	0	0	0	0	0
TOTAL	80	14,808	0	0	0	0	0	43,413	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

172,914

MT - Number of Medical Treatment cases

LTC - Number of Lost time cases

LTD - Number of Lost time days

FAT - Number of Fatalities

2. SICK LEAVE REPORT

DEPARTMENT	Number of Staff	November 2015		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	66	0	66
Maintenance	8	15	0	15
Power Distribution - Line	17	200	0	200
Power Distribution - Customer	10	19	0	19
WSS _ Treatment/Prod	10	85	0	85
WSS Networks	9	0	0	0
Finance, Admin Cust Coord	17	180	0	180
TOTAL	80	564	0	564
Sick Hours as Percentage of Total Hours Worked		3.8%	0.0%	3.8%

Year To Date FY2016		
Total Hours Sick	Accident Related	Poor Health
109	0	109
78	0	78
730	0	730
59	0	59
247	0	247
0	0	0
456	0	456
1680	0	1680
3.9%	0.0%	3.9%

DEPARTMENT	Number of Staff	December 2015		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	4.0%	0.0%	4.0%
Maintenance	8	1.0%	0.0%	1.0%
Power Distribution - Line	17	5.6%	0.0%	5.6%
Power Distribution - Customer	10	0.9%	0.0%	0.9%
WSS _ Treatment/Prod	10	0.0%	0.0%	0.0%
WSS Networks	9	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	17	7.3%	0.0%	7.3%
TOTAL	80	3.8%	0.0%	3.8%



Administration Table 2 Attendance Summary – December 2015 & FY 2016

DEPARTMENT	December 2015								YEAR TO DATE - FY2016							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claimed
		Regular	Overtime						Regular	Overtime						
Power Generation	9	1,409	236	83	66	39	1,833	0	3,002	600	139	109	140	3,991	0	2.7%
Maintenance	8	1,330	151	142	15	79	1,717	0	3,923	427	350	78	241	5,020	25	1.6%
Power Distribution - Line	17	2,588	1,008	290	200	184	4,270	0	7,542	2,061	836	730	497	11,666	0	6.3%
Power Distribution - Contractors	10	1,931	99	16	19	0	2,064	0	5,431	99	160	59	27	5,776	0	1.0%
Water & Sewer	10	1,381	196	157	85	121	1,940	0	4,319	863	270	247	458	6,158	0	4.0%
Water & Sewer Contractors	9	1,927	77	41	0	34	2,079	0	6,027	151	172	0	67	6,417	0	0.0%
Fin, Admin, Cust Care	17	2,243	233	263	180	310	3,229	59	6,782	772	707	456	1,183	9,899	67	4.6%
TOTAL	80	12,808	1,999	992	564	767	17,132	59	37,025	4,973	2,634	1,680	2,614	48,926	92	3.4%

Hours as % of Total Hours Claimed	74.8%	11.7%	5.8%	3.3%	4.5%	0.3%	75.7%	10.2%	5.4%	3.4%	5.3%	0.5%
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CAPEX Table 1 Major Capex Project Summary – End December 2015

CPUC - MAJOR CAPEX PROJECTS SUMMARY - December 2015

	Contract Value US\$	Spend To Date US\$	% Complete	Component Target End Date
WWTP REHABILITATION PROJECT				
Component 1 - Local				
Construction Management	342,000.00	342,000.00	100.0%	Dec-15
Office Construction	63,498.00	63,968.00	100.7%	Complete
Equipment Procurement	259,347.00	271,391.00	104.6%	Complete
LS Rehabilitation *	105,750.00	137,252.22	129.8%	Complete
Other (Local LS construction; Env. ;)	90,000.00	0.00	0.0%	Oct-15
Freight & Tax	48,055.00	35,188.01	73.2%	
Contingency **	45,432.00	35,443.39	78.0%	Dec-15
Total Budget	954,082.00	885,242.62	92.8%	Dec-15

* - Overspend due to transformer purchase - low loss transformers - payback for the extra over cost is less than 2 years

** - Includes new transformers, and overhaul of the old Vactor pumps to improve sewage management functionality

Component 2 - International

1 - Plant and Mandatory Spare Parts (international)				May-15
2 - Plant and Mandatory Spare Parts (local)				Jun-15
3 - Design Services				Apr-15
4 - Installation and other services	3,302,460.00	2,775,185.00	84.0%	June - Nov 15
5 - Civil Works				April - August 15
6 - Testing & Commissioning				Dec 15 - Mar 16
Additional procurement (vehicles & Chlorine)	49,856.00	53,424.00	107.2%	Mar-15
Import Tax	125,016.00	29,782.57		
Contingency	173,867.00	625.00	0.4%	Mar-16
Total Budget	3,651,199.00	2,859,016.57	78.3%	Dec-15

Variations: Credit/(Debit) 39,625

ADB OIDP PROJECT - POWER DISTRIBUTION IMPROVEMENT

Material Procurement (Loan Drawdown)	5,495,430.00	5,431,322.74	98.8%	Jun-15
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Construction by CPUC: 98%

Phase 1 - The project was completed with all feeders energised by the end of September 2015.

Phase 2 (refurbishment in Weno; Rehabilitation in Tonoas) is 28% complete - target completion end Q2 FY2016;

WENO POWER PLANT REHABILITATION PROJECT

Bid Result Confirmed by Evaluation Committee in October 2015:

RJE Pty Ltd from Adelaide Australia have been appointed preferred bidder; Contract discussions were held in Adelaide in December and a revised scope and price will be submitted by RJE in January 2016 with a view to putting a contract in place before the middle of February 2016.

CAPEX Table 2 Capex Summary Sheet – End December 2015

Chuuk Public Utility Corporation Capex Summary Sheet as of December 31, 2015							
	A	B	C	D (B-C)	E (A-B)	F	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted (Funded By Ops)	Cash Drawdown	Cash Balance
ADB Loan							
OCR	2,800,000	2,788,915	2,719,537	69,378	11,085	2,650,159	-69,378
ADF	2,694,256	2,694,256	2,694,256	0	0	2,694,256	0
ADB Grant - Project Completed in December 2013							
JFPR	980,000	980,000	963,000	17,000	0	963,000	0
Compact Grant							
CRISP - D11AF00015	2,360,200	2,306,200	2,306,200	0	54,000	2,306,200	0
CRISP - D11AF00084	2,121,440	2,165,889	2,165,889	0	-44,449	2,121,440	0
CRISP TOTAL	4,481,640	4,472,089	4,472,089	0	9,551	4,427,640	0
OMIP	250,000	251,427	251,427	0	-1,427	250,000	0
OIDPMatchPower Plant GR970170	7,690,000	1,321,000	1,239,161	81,839	6,369,000	1,321,000	81,839
Smoke Detection	60,000	55,314	55,314	0	4,686	60,000	4,686
Power Security grant D15AFF0020	470,000	384,023	384,023	0	85,977	376,400	-7,623
FY 2014 professional Managt D14F0009-00020	762,400	751,000	751,000	0	11,400	751,000	0
Fy 2015 professional - D15F00015-00020	280,800	280,800	280,800	0	0	280,800	0
FY 2016 Professional - D16AF00023-00020	525,800	525,800	35,498	490,302	0	131,450	95,952
WWTP Phase 1 D14AF0042	955,000	859,797	856,545	3,252	95,203	802,000	-54,545
WWTP Phase 2 D14AF00048	3,700,000	3,700,000	2,635,838	1,064,162	0	2,931,997	296,159
FY 2016 Scratched Card - D16AF00017-00010	140,000	140,000	64,905	75,095	0	84,000	19,095
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	0	0	0	0	0	0
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000	0	0	0	0	0	0
Total	26,889,895.55	19,204,420.21	17,403,392.09	1,801,028.12	6,585,475.34	17,723,701.55	366,185.25

*100k (cash balance here) was used for Disaster Relief