

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

July 2016



Issued:

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Jul-16	YTD 2016 US\$	US\$/kWh Sold		US\$/kWh generated	
			Jul-16	YTD 2016	Jul-16	2016 YTD
Revenue	552,715	5,008,939	0.511	0.493	0.421	0.406
Variable Costs	280,550	2,496,474	0.260	0.246	0.214	0.203
Fixed Costs	183,118	1,979,750	0.169	0.195	0.140	0.161
Total Expenses	463,668	4,476,224	0.429	0.441	0.353	0.363
Operating result	89,047	532,714	0.082	0.052	0.068	0.043
	kWh	kWh				
Power generation	1,311,689	12,325,170				
<i>Diesel</i>	1,284,990	12,026,170				
<i>Solar</i>	26,699	299,000				
<i>Solar PV as % of Total Generation</i>	2.0%	2.4%				
<i>Avoided Cost of Fuel - US\$</i>	5,448	56,711				
<i>Tons of CO2 Avoided</i>	19.6	214.5				
					Sales	
Government Sales	209,790	1,949,509	Feeder	Conn's	Jul-16	2016 YTD
Commercial Sales	578,837	5,478,728	F1	277	231,768	2,184,618
Residential Sales	237,812	2,217,586	F2	92	33,842	252,622
Intercompany Sales	56,389	520,775	F3	462	368,719	3,387,258
Sales Accrual	-2,173	-6,320	F4	760	393,453	3,817,970
Total Sales	1,080,655	10,160,278	F5	369	52,372	536,341
Power Loss	17.6%	17.6%	Total	1,960	1,080,155	10,178,809
Operating ratio	0.84	0.89	NB - Error on Total and Feeder sales YTD is <0.1%; within limits;			
Water Produced - Gallons	20,500,926	193,364,061				
Water Sold - Gallons	7,061,578	62,951,425				
Non Revenue Water	65.6%	67.4%				

Daily generated output in July was 42,313 kWh/day; 1.7% lower than June. Average daily sales were 34,860kWh/day; 0.5% lower than June. Total power loss decreased from 18.6% to 17.6%. FY2016 loss to date is 17.6%.

Average fuel efficiency in July was low in July as it was in June due to the overhaul of units 1 and 2 - at 13.8 kWh/gallon (avge YTD is 14.06 kWh/gallon). The overhaul was completed in the last week of July. Fuel efficiency is expected to increase to April levels in August as a result of the overhaul.

The split of power users for total sales in July was as follows:

Government – 19.6%; Commercial – 54.1%; Residential –21.2%; Intercompany 5.3%; Accrual -2.2%;

Solar PV generation in July was 26,669 kWh down by 12% on June figures and accounted for 2.0% of total generation; the avoided cost of fuel in the month is US\$5,448(US\$56,711 YTD); the amount of Carbon Dioxide avoided in the month was 19.6 tons (214.5 tons YTD).

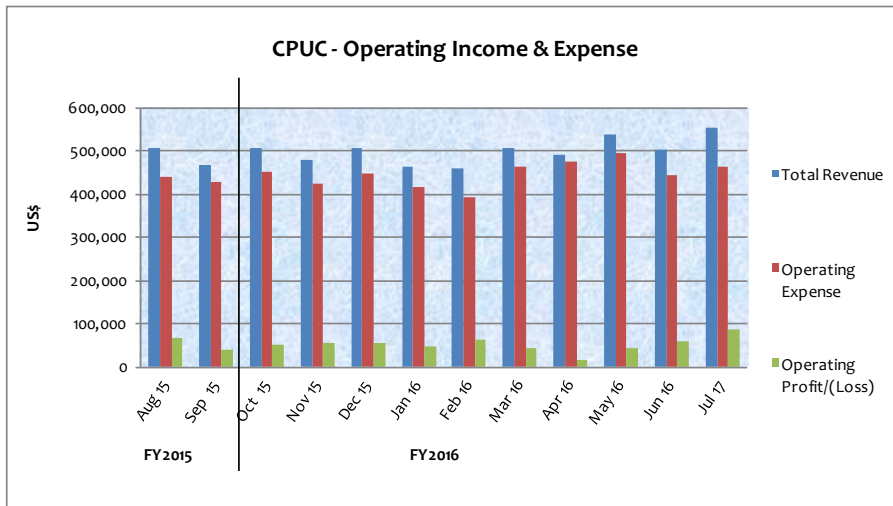
The CPUC scratch card cash power project was completed in July – final testing was undertaken in CPUC by ADR from New Zealand. Uptake is growing in accordance with expectation.

The joint project funded by ADB between CPUC and CWC to provide water storage on 2 lagoon islands was completed in July – the project involved community input for the construction of foundations and support to the construction of water storage tanks. CPUC worked closely with the Mayors of Eot and Udot in the project – support will be sought from ADB to expand the project to other islands.

A 3 month input from the Lineman Specialist – Mr Harry Speicher – completed in July; key line issues dealt with included the relocation of the primary line in the vicinity of the ARFF building; installation of pad mount transformers at the CS Hospital and other major consumers; inspection and sign off on re-building of the primary distribution network. Further input from Mr Speicher is planned for November/December to prepare the get away poles for the new power plant.

A contract review meeting was held in Adelaide for the power plant project. Design sign off for all design components is expected to be completed in August.

1 FINANCIAL PERFORMANCE GRAPHS

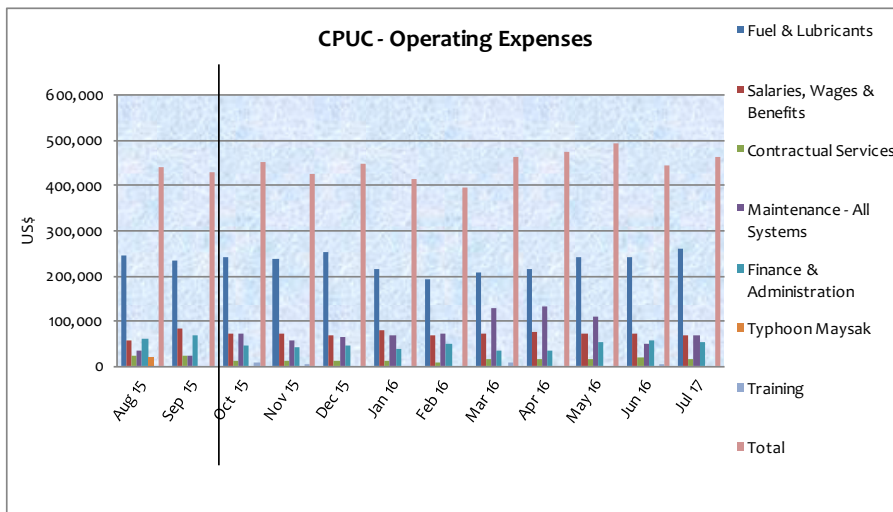


1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

July 2016
US\$89,047;

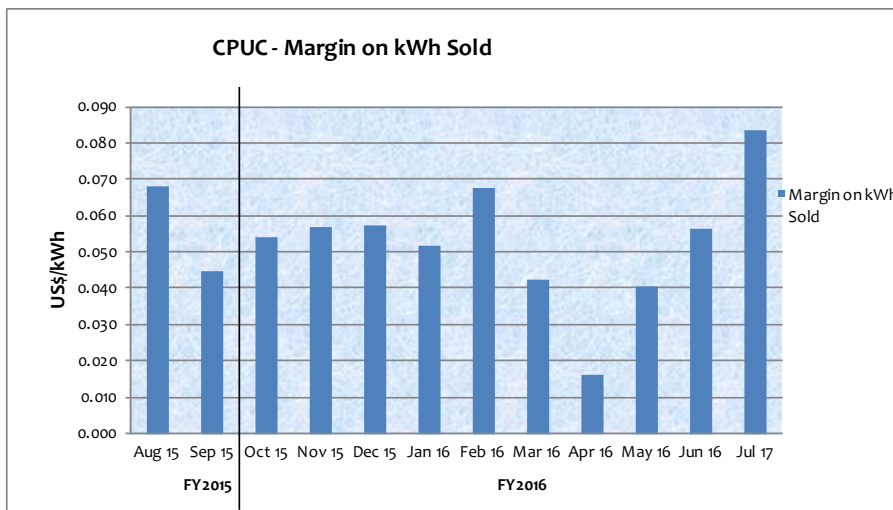
Operating ratio:
0.84



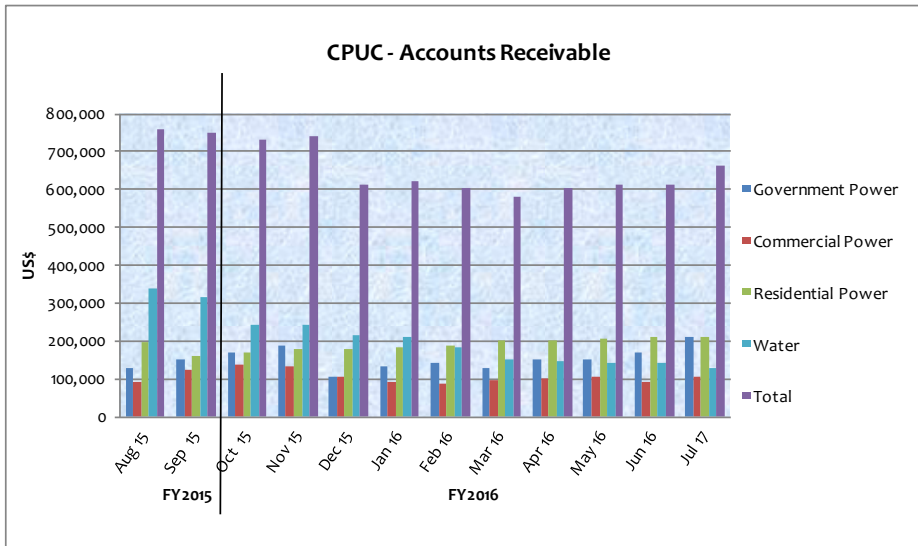
1.2 Key Points:

Price of Fuel in April:

US\$2.81/gallon;

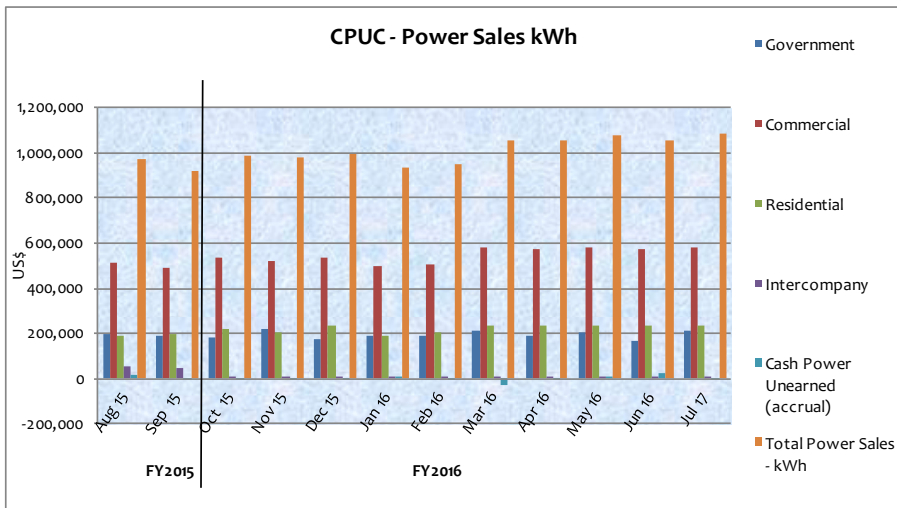


1.3 Key Points:

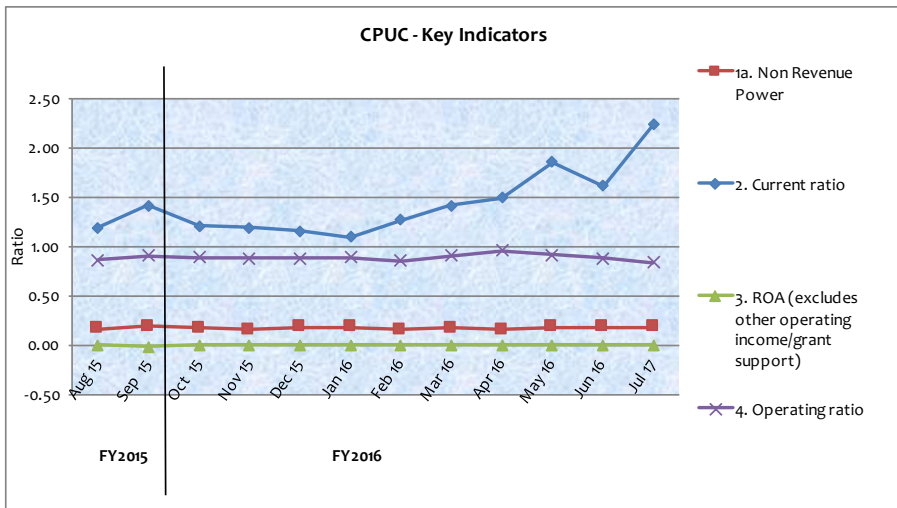


1.4 Key Points:

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;

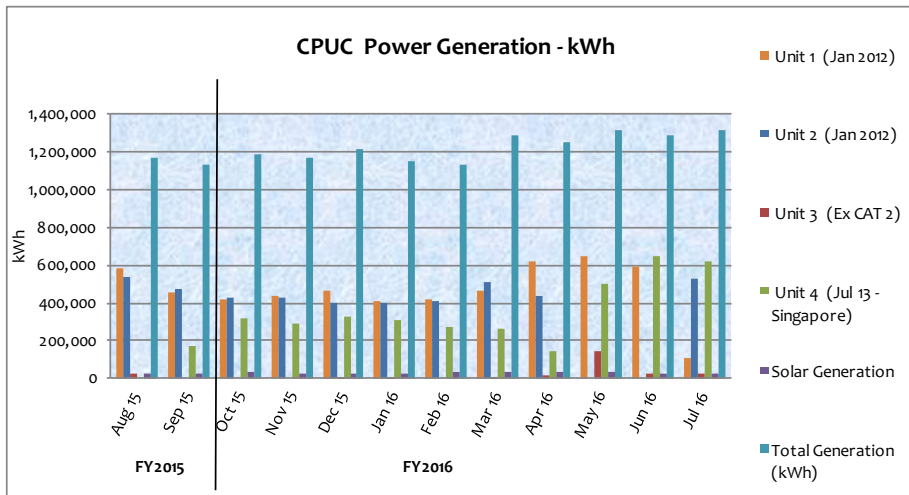


1.5 Key Points:

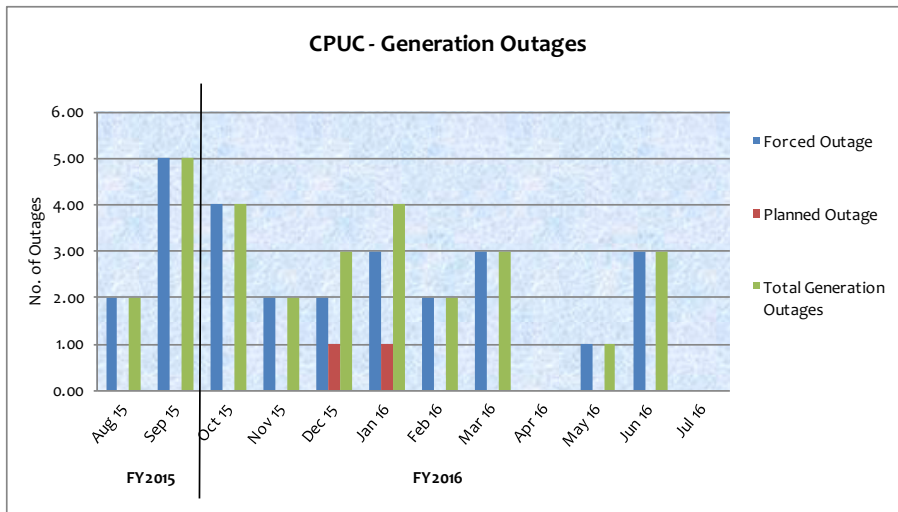


1.6 Key Points:

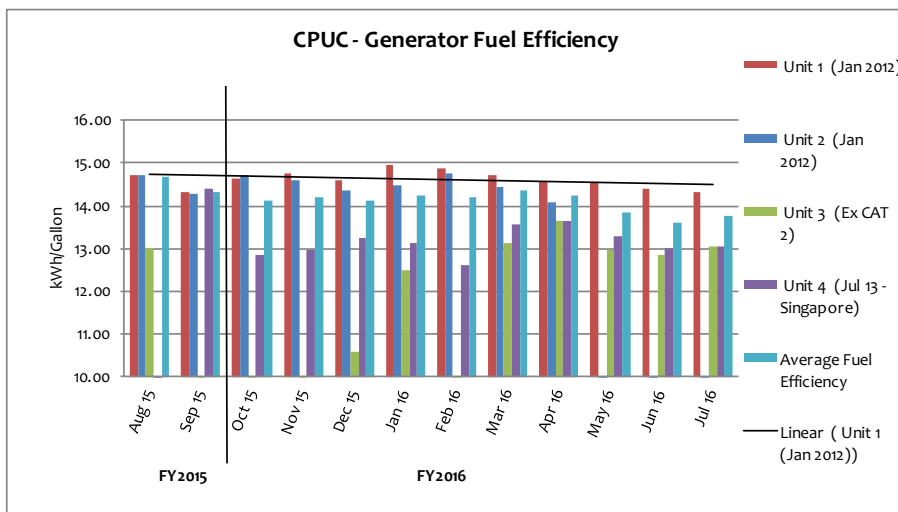
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



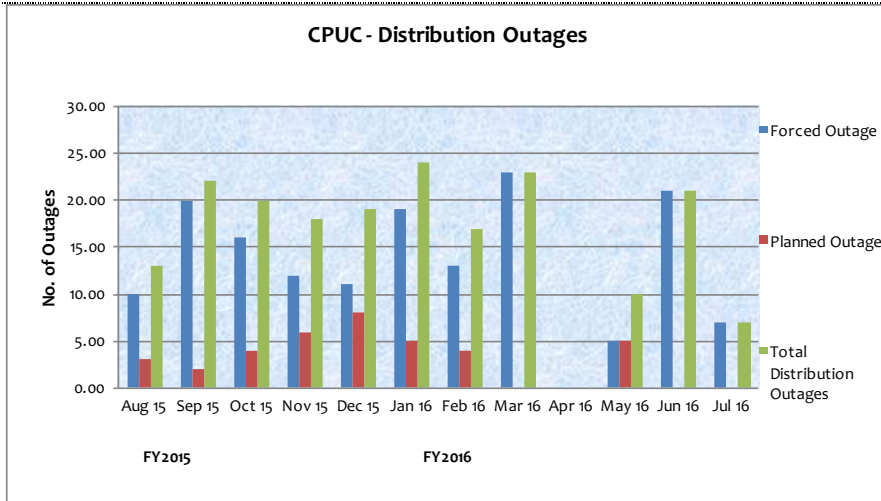
2.2 Key Points:



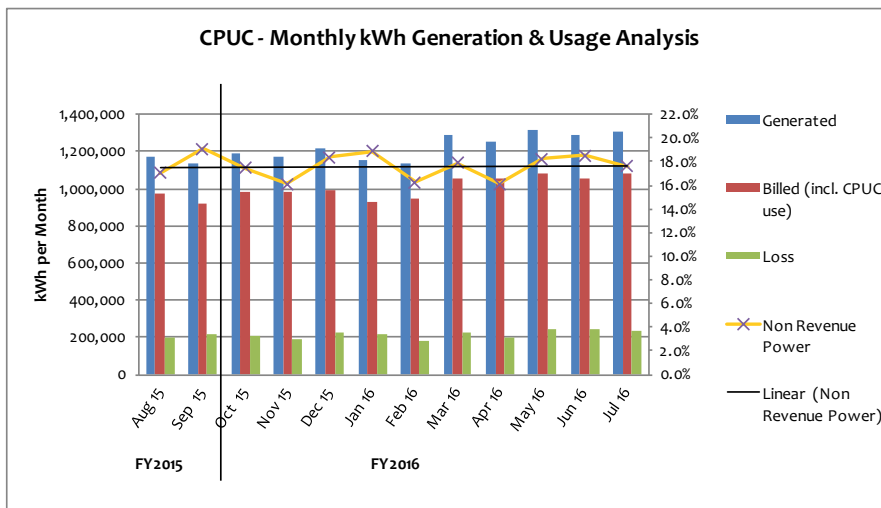
2.3 Key Points:

Fuel efficiency decrease in units 1 & 2 related to overhaul timing (Top end o/hauls were completed at the end of July 2016).

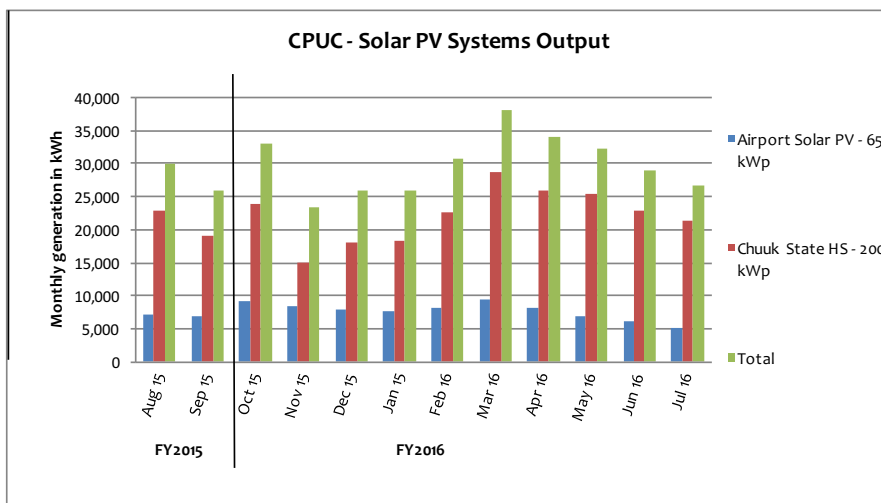
Lower efficiency of unit 4 contributing to avge. Eff. decrease with increasing load.



2.4 Key Points



2.5 Key Points:



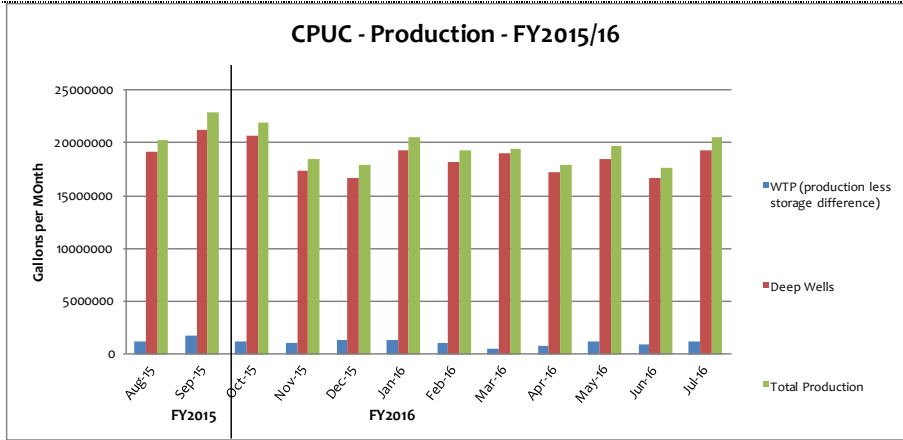
2.6 Key Points:

Solar PV accounted for 2.0% of CPUC generation in Jul 16 (YTD 2.4%);

Avoided cost of fuel was:

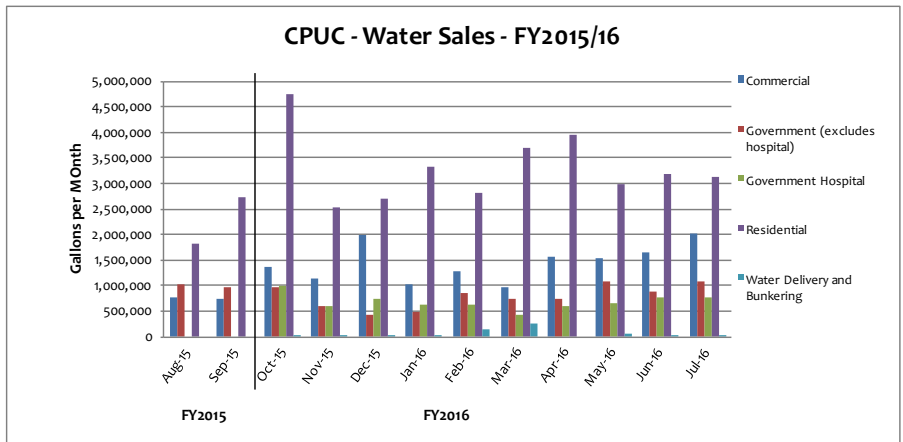
US\$5,448;
(US\$56,711 YTD)

3 WATER PERFORMANCE GRAPHS

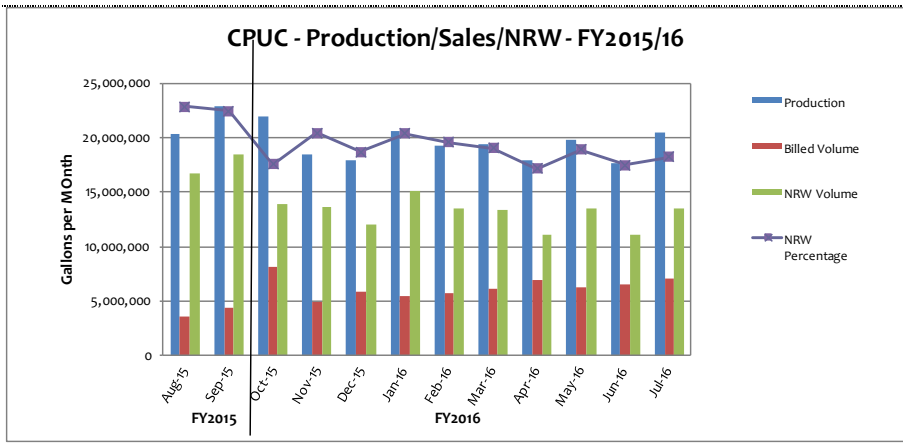


1 Key Points:

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



Key Points:



Key Points:

The majority of the volume loss is in Zone 2. This area will be made the focus of NRW reduction activity for the remainder of the FY2015.

Financial Table1 P & L Statement – August 2015 to July 2016

Revenue - US\$	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	FY 2016 YTD
Operating revenue:														
a. Power Sales	444,120	399,300	443,615	442,147	459,407	416,777	405,883	438,722	446,808	465,188	458,828	488,710	5,082,085	4,466,084
b. Water Sales	23,572	25,965	18,319	23,069	19,937	20,426	20,800	25,052	24,293	24,280	27,755	366,510	233,276	233,276
c. Sewer Sales			15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	13,364	13,250	123,525	123,525
d. I/company Power Sales (in Power Sales from Oct 15)	26,969	22,764	-	-	-	-	-	-	-	-	-	-	325,632	0
d.Other operating revenue	12,828	21,713	18,388	8,747	10,308	16,437	20,671	38,634	8,154	34,902	6,812	23,000	270,931	186,054
Revenue - Total	507,489	469,742	506,477	480,143	505,860	464,254	458,127	508,447	491,935	537,697	503,285	552,715	6,045,158	5,008,939
Expenses - US\$														
Fuel & Lubricants	244,584	232,533	241,803	236,880	252,887	213,491	192,177	206,275	213,943	242,003	242,754	258,693	3,044,499	2,300,906
Salaries, Wages & Benefits	58,588	84,308	74,375	73,686	67,242	81,706	69,513	74,336	75,794	72,072	72,323	68,383	694,839	729,430
Contractual Services	21,955	22,086	12,562	11,908	13,824	13,830	9,533	14,633	17,578	15,500	19,807	15,602	234,696	144,776
Typhoon Maysak Expenses	20,003	0	0	0	0	0	0	0	0	0	0	0	254,036	0
O&M - Power Generation	21,303	9,990	20,217	20,814	6,688	7,737	31,693	43,656	71,121	62,028	8,180	14,495	247,449	286,629
O&M - Power Distribution	1,553	635	6,016	6,646	16,453	18,917	8,431	17,486	14,144	2,585	6,687	11,544	36,504	108,909
O&M - Water	3,091	1,753	13,837	12,339	14,396	14,808	17,206	39,313	23,496	21,381	11,105	16,803	33,129	184,684
O&M - Sewer	-	-	10,982	6,123	8,058	7,267	6,499	11,339	8,825	12,505	10,872	11,778	94,248	94,248
Finance & Administration Overheads	32,829	44,515	44,579	43,045	48,065	39,127	49,753	33,698	36,115	53,901	58,610	54,129	523,013	461,022
Vehicle & Eq. Fuel	9,291	9,494	21,851	12,845	21,066	19,087	9,368	15,650	13,733	11,975	13,349	12,242	102,954	151,166
CPUC Power Usage (incl. in O&M from Oct 15)	26,969	22,764	0	0	0	0	0	0	0	0	0	0	325,632	0
Donation to Charity - Typhoon Maysak	0	0	0	0	0	0	0	0	0	0	0	0	3,891	0
Support to Energy Office	892	741	0	0	0	0	0	0	0	0	0	0	3,631	0
Training	0	0	7,102	141	0	0	0	7,232	0	0	465	0	0	14,940
Expense - Total	441,056	428,816	453,323	424,427	448,677	415,970	394,173	463,619	474,748	493,951	444,153	463,668	5,504,274	4,476,709
Operating Income/(Loss)	66,432	40,925	53,154	55,716	57,182	48,284	63,954	44,828	17,187	43,746	59,132	89,047	540,884	532,229
Non-Cash Expenses - US\$														
Depreciation	41,364	73,215	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	280,034	474,946
Interest Expense	10,266	10,266	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	61,598	103,806
Non-Cash Expense - Total - US\$	51,630	83,482	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	341,632	578,752
Net Income/(Loss) - excluding grant support - US\$	14,802	-42,557	-4,721	-2,159	-693	-9,592	6,079	-13,047	-40,689	-14,129	1,257	31,171	199,252	-46,523
Non-operating Income (Grant Support) - US\$	10	0	5	10	9	2	42,615	36	157	5	-3	13	3,631,519	42,848
Net Income/(Loss) - including grant support - US\$	14,812	-42,557	-4,717	-2,150	-684	-9,590	48,694	-13,011	-40,532	-14,124	1,254	31,184	3,830,771	-3,675

Financial Table 2 Cash Flow and A/R Report – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	YTD FY2016
Cash Flow Report - US\$														
Receipts	407,018	1,328,531	352,943	617,326	474,404	334,408	1,677,955	3,538,426	744,022	456,758	1,533,453	2,623,428	9,617,051	12,353,123
Disbursements	829,322	1,041,431	552,819	672,487	553,723	453,811	1,026,891	846,444	561,788	2,703,561	2,014,576	1,216,222	9,111,033	10,602,322
Net receipts/Disbursements	-422,304	287,100	-199,876	-55,161	-79,319	-119,403	651,064	2,691,982	182,234	-2,246,803	-481,123	1,407,206	506,018	1,750,801
Cash balance (beginning)	1,154,955	732,651	1,019,751	819,875	764,714	685,395	565,992	1,217,056	3,909,038	4,091,272	1,844,469	1,363,346	513,733	1,019,751
Cash balance (end)	732,651	1,019,751	819,875	764,714	685,395	565,992	1,217,056	3,909,038	4,091,272	1,844,469	1,363,346	2,770,552	1,764,166	1,844,469
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	1,694	1,394	1,394
Cash in Banks (Bank Overdraft)	731,257	1,018,357	818,482	763,320	684,000	564,598	1,215,662	3,907,644	4,089,878	1,843,075	1,361,953	2,768,858	1,018,357	1,843,075
Stocks	1,843,428	1,180,345	1,198,547	2,102,746	2,086,581	2,062,995	1,233,096	1,242,951	1,370,376	1,369,145	1,413,151	1,262,914	1,180,345	1,369,145
Trade Receivable	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	473,195	604,139	423,882	458,402
Other Accounts Receivable (Due From)	1,077,853	1,891,427	1,904,624	1,021,502	1,019,925	1,034,558	1,037,199	1,030,719	1,024,240	1,034,026	1,123,706	1,133,795	1,891,427	1,034,026
Loans Payable	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	4,705,182	4,912,182	4,836,701	4,832,209	4,827,920	4,710,555	4,706,144	4,678,738	4,827,920
Payables to Suppliers & creditors	2,517,307	2,645,331	2,805,456	2,839,917	2,736,577	2,786,032	2,254,989	3,910,231	3,934,468	1,976,537	2,008,582	2,006,012	2,645,331	1,976,537
Total Accounts Receivable (to date) - US\$														
Government Power	129,416	150,219	172,357	186,584	108,529	134,897	142,271	128,921	150,509	151,591	169,124	212,279	151,180	151,591
Commercial Power	93,640	122,992	140,179	131,933	106,292	95,297	86,720	98,324	101,591	106,705	93,703	107,626	88,073	106,705
Residential Power	196,358	162,187	171,536	178,582	180,865	184,460	187,587	201,722	204,364	208,539	209,443	210,534	184,404	208,539
Water	338,288	316,114	245,746	243,101	215,951	209,690	185,167	152,422	149,696	145,446	141,440	130,913	332,698	145,446
Sewer	-	-	95,271	100,972	106,769	115,942	127,090	137,381	144,508	157,821	171,186	254,487	-	157,821
Allowance for Doubtful	-327,630	-327,630	-327,241	-325,645	-323,698	-316,495	-316,495	-316,495	-311,700	-311,700	-311,700	-311,700	-327,630	-311,700
Total	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	473,195	604,139	428,724	458,402

Financial Table 3 Power Sales Report – August 2015 to July 2016

Power Sales Report	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	YTD 2016
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	61,105	56,581	58,819	59,435	58,401	56,990	52,208	54,406	54,139	54,197	57,194	59,896	850,363	565,688
Government - Pre Paid (Cash Power)	34,680	32,842	27,398	37,837	24,745	29,746	31,550	35,951	29,019	35,491	17,714	36,814	383,753	306,265
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	25,960
Solar	2,876	2,876	2,661	2,661	2,661	2,855	2,855	2,855	3,750	3,750	3,750	3,836	34,515	31,632
Government Total	101,257	94,896	91,474	102,529	88,403	92,187	89,209	95,808	89,504	96,034	81,254	103,142	1,299,784	929,545
Commercial - Post Paid	188,914	167,976	182,069	175,780	182,152	165,977	157,130	179,614	182,275	187,413	188,850	200,224	2,055,368	1,801,484
Commercial - Pre Paid (Cashpower)	58,808	59,949	64,632	58,778	66,141	53,762	57,023	61,326	59,985	60,522	61,869	61,710	697,472	605,747
Commercial Total	247,722	227,925	246,701	234,558	248,293	219,739	214,153	240,941	242,260	247,935	250,718	261,934	2,752,841	2,407,232
Residential - Post Paid	3,793	5,825	5,947	5,152	5,484	4,827	5,607	4,486	4,725	6,483	3,249	3,518	53,049	49,479
Residential - Pre Paid (Cashpower)	83,180	78,994	86,978	80,669	95,131	73,192	75,512	84,283	88,158	87,855	92,204	91,805	986,009	855,787
Residential Scratch Card Sales			0	0	0	0	0	0	0	0	0	0	0	0
Residential Total	86,973	84,819	92,925	85,822	100,615	78,019	81,120	88,769	92,883	94,338	95,452	100,160	1,039,057	910,102
Trade Power Sales Total	435,952	407,640	431,101	422,908	437,311	389,945	384,481	425,518	424,647	438,308	427,425	465,235	5,091,681	4,246,878
Intercompany - CPUC Office	26,969	22,764	1,566	1,608	1,566	1,264	1,462	1,374	1,428	1,348	1,534	1,533	325,632	14,683
Intercompany - CPUC Power Operation	-	-	2,255	2,462	2,365	2,060	1,725	1,544	1,852	1,559	1,374	2,052	-	19,247
Intercompany - CPUC Water Operations	-	-	11,061	9,479	12,219	11,648	11,035	11,953	12,830	11,227	9,768	10,823	-	112,044
Intercompany - CPUC Sewer Operations	-	-	8,206	6,123	7,573	5,637	6,270	7,744	8,825	12,167	9,944	11,035	-	83,524
Cash Power UnEamed	8,169	-8,340	-10,575	-433	-1,628	6,224	-910	-9,410	-2,775	579	8,783	-1,968	-9,596	-12,114
Total Power Sales - US\$	471,089	422,064	443,615	442,147	459,407	416,777	404,062	438,722	446,808	465,188	458,828	488,710	5,407,717	4,464,263
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	120,761	116,213	122,558	134,591	121,595	122,835	117,113	125,273	121,938	119,622	123,826	126,964	1,648,805	1,236,315
Government - Pre Paid (Cash Power)	69,290	67,480	57,092	78,991	51,887	63,900	71,170	82,743	65,477	78,468	38,357	78,128	737,415	666,214
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	48,980
Government Total	194,749	188,391	184,347	218,280	178,180	191,433	192,981	212,714	192,113	202,789	166,881	209,790	2,442,596	1,949,509
Commercial - Post Paid	391,644	360,437	396,695	391,336	390,672	375,069	368,695	434,428	429,926	438,350	436,251	442,069	4,146,250	4,103,489
Commercial - Pre Paid (Cashpower)	122,389	128,454	140,535	128,056	144,761	120,677	134,710	147,953	141,740	140,000	140,038	136,768	1,398,702	1,375,239
Commercial Total	514,033	488,891	537,230	519,392	535,433	495,746	503,405	582,381	571,666	578,350	576,289	578,837	5,544,952	5,478,728
Residential - Post Paid	8,302	13,432	13,837	14,048	10,833	11,822	13,855	12,015	12,001	13,839	10,019	8,315	114,588	120,584
Residential - Pre Paid (Cashpower)	184,679	180,929	202,369	188,084	222,894	176,196	192,045	219,258	224,264	218,436	223,958	218,013	2,100,803	2,085,517
Residential Scratch Card Sales			0	0	0	0	0	0	0	0	0	11,485	-	-
Residential Total	192,981	194,361	216,206	202,132	233,727	188,019	205,901	231,273	236,265	232,275	233,977	237,812	2,215,391	2,217,586
Trade Power Sales Total	901,764	871,643	937,783	939,804	947,340	875,198	902,287	1,026,367	1,000,044	1,013,414	977,147	1,026,439	10,202,938	9,645,823
Intercompany - CPUC Office	56,126	48,776	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	3,162	3,398	651,629	32,947
Intercompany - CPUC Power Operation	-	-	4,903	5,363	5,177	4,623	4,075	3,725	4,313	3,607	3,133	4,547	-	43,466
Intercompany - CPUC Water Operations	-	-	24,051	20,652	26,744	26,145	26,069	28,837	29,887	25,971	22,277	23,987	-	254,620
Intercompany - CPUC Sewer Operations	-	-	17,844	13,339	16,575	12,653	14,812	18,682	20,557	28,145	22,678	24,457	-	189,742
Cash Power Unearned (accrual)	15,529	-4,607	-4,855	-1,163	-4,095	11,165	-3,190	-25,164	-3,912	4,194	22,873	-2,173	-9,717	-6,320
Total Power Sales - kWh	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,055,761	1,054,216	1,078,450	1,051,270	1,080,655	10,844,850	10,160,278

Financial Table 4 Water Sales Report – August 2015 to July 2016

Water/Sewer Sales Report	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	YTD 2016
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	4,972	4,685	9,688	5,867	5,759	5,509	7,214	5,778	6,648	8,567	8,111	9,239	72,366	72,381
Commercial	3,568	3,340	6,456	5,364	9,624	4,882	5,956	4,489	7,524	7,458	8,031	9,901	52,489	69,685
Residential	5,602	8,158	14,120	7,484	7,847	9,770	8,242	10,533	11,039	8,269	8,858	8,615	115,704	94,776
Provision for Billing Errors	-558	-288	-919	-396	-162	-223	-986	0	-160	0	-721	0	-14,583	-3,566
Total	13,585	15,895	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	24,280	27,755	225,977	233,276
Sewer Sales - US\$														
Government	-	-	4,800	2,909	2,857	2,731	3,574	2,762	3,240	4,174	3,949	4,504	-	35,501
Commercial	-	-	2,871	2,221	4,360	2,170	2,387	1,840	3,014	3,433	3,697	3,301	-	29,293
Commercial with No Water	-	-	4,048	3,819	3,254	3,355	3,355	3,394	3,394	3,345	3,345	3,345	-	34,653
Residential	-	-	1,456	639	641	1,638	392	794	1,019	672	749	683	-	8,683
Residential with No Water	-	-	2,060	2,000	2,010	1,950	1,900	1,820	1,740	1,690	1,720	1,680	-	18,570
Provision for Billing Errors	-	-	-106	-659	-46	-741	-460	-319	-486	0	-96	-263	-	-3,174
Sewer Sales	9,987	10,069	15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	13,364	13,250	140,533	123,525
Total Water & Sewer Sales	23,572	25,965	44,474	29,248	36,144	31,040	31,573	31,091	36,974	37,606	37,644	41,005	366,510	356,801
Water Sales - Gallons														
Government	1,014,700	959,590	1,960,850	1,202,440	1,175,100	1,124,520	1,473,790	1,188,240	1,360,480	1,739,350	1,655,110	1,870,270	14,741,265	14,750,150
Commercial	759,203	727,476	1,353,064	1,127,860	1,994,655	1,028,560	1,275,610	969,055	1,558,890	1,548,440	1,652,090	2,032,980	11,251,173	14,541,205
Residential	1,833,151	2,736,952	4,737,307	2,520,050	2,703,599	3,315,674	2,830,819	3,716,880	3,950,419	2,979,876	3,176,732	3,130,328	39,880,995	33,061,684
Water Delivery & Bunkering	0	0	38,000	15,086	2,000	39,000	138,000	267,000	0	45,300	26,000	28,000	0	598,386
Total	3,607,054	4,424,018	8,089,221	4,865,436	5,875,354	5,507,754	5,718,219	6,141,175	6,869,789	6,312,966	6,509,932	7,061,578	65,873,433	62,951,425

Financial Table 5 Key Performance Indicators – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY2015	YTD FY2016
1a. Non Revenue Power	17.0%	19.1%	17.4%	16.1%	18.4%	18.9%	16.3%	17.9%	16.1%	18.2%	18.6%	17.6%	18.9%	17.6%
Total Power Generated - kWh	1,172,815	1,131,634	1,190,660	1,170,401	1,219,033	1,149,837	1,131,783	1,285,499	1,256,621	1,318,947	1,290,700	1,311,689	13,380,232	12,325,170
Total Power Billed - kWh	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,055,761	1,054,216	1,078,450	1,051,270	1,080,655	10,844,850	10,160,278
Generation Loss (assumed 6%) - kWh	70,369	67,898	71,440	70,224	73,142	68,990	67,907	77,130	75,397	79,137	77,442	78,701	802,814	739,510
Distribution Loss Estimate - kWh	99,707	119,633	106,323	89,419	120,246	119,478	88,076	120,470	95,592	128,387	129,720	119,540	1,398,062	1,117,252
Commercial Loss (assumed 2.5%) - kWh	29,320	28,291	29,767	29,260	30,476	28,746	28,295	32,137	31,416	32,974	32,268	32,792	334,506	308,129
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	20,625
Total Loss - kWh	199,396	215,822	207,529	188,903	223,864	217,215	184,277	229,738	202,405	240,497	239,430	231,034	2,535,382	2,164,892
Distribution loss %	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	10.4%	9.1%
1b. Non Revenue Water	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%	63.0%	59.8%	75.3%	66.9%
Water Produced (million gallons)	20.3	22.9	21.9	18.4	17.9	20.6	19.3	19.4	18.0	19.8	17.6	17.6	266.2	190.4
Water Billed (million gallons)	3.61	4.42	8.09	4.87	5.88	5.51	5.72	6.14	6.87	6.31	6.51	7.06	65.9	63.0
2. Current ratio	1.19	1.42	1.21	1.19	1.16	1.10	1.27	1.42	1.50	1.86	1.62	2.24	1.42	3.12
3. ROA (excludes other operating income/grant support)	0.530%	-1.508%	-0.009%	-0.004%	0.000%	-0.019%	0.012%	-0.023%	-0.073%	-0.025%	0.002%	0.052%	0.074	-0.013
4. Operating ratio	0.87	0.91	0.90	0.88	0.89	0.90	0.86	0.91	0.97	0.92	0.88	0.84	0.911	0.894

Power Table 1 Power Operation Indicators – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jun 17	FY2015	YTD 2016
Generation Statistics														
Diesel Generation - kWh	1,142,900	1,105,620	1,157,640	1,147,050	1,193,140	1,123,850	1,101,070	1,247,490	1,222,520	1,286,650	1,261,770	1,284,990	13,092,590	12,026,170
Peak Generation - kW	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,505	2,450	2,250	2,290
Fuel Consumption - Gallons	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	92,892	92,635	93,319	891,055	855,102
Average Fuel Price (\$/Gallon)	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	2.70	0.00	3.37	24.09
Load Factor (%)	66%	65%	66%	65%	68%	67%	66%	67%	68%	72%	65%	68%	64%	115%
Capacity Factor (%)	40%	39%	41%	41%	40%	39%	39%	43%	42%	41%	45%	44%	40%	41%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	300%	400%	500%	100%	100%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	145%
Solar PV Generation - kWh	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	28,930	26,699	287,642	299,000
Solar Generation %	2.6%	2.3%	2.8%	2.0%	2.1%	2.3%	2.7%	3.0%	2.7%	2.4%	2.2%	2.0%	2.1%	2.4%
Peak PV Generation -kW	218	190	241	170	189	189	224	277	249	235	211	195	225	241
Avoided Fuel - Gallons	2,039	1,817	2,338	1,642	1,835	1,825	2,161	2,648	2,392	2,332	2,124	1,939	19,559	21,236
Avoided Cost of Fuel - US\$	6,279	5,343	6,758	4,828	5,249	4,835	5,834	6,171	5,908	5,946	5,735	0	65,680	51,263
Tons of CO2 avoided	20.6	18.4	23.6	16.6	18.5	18.4	21.8	26.7	24.2	23.6	21.5	19.6	197.5	214.5
Labour Productivity (kWh/Emp/d)	1,152	1,115	1,167	1,156	1,203	1,133	1,110	1,258	1,232	1,297	1,272	1,295	1,121	12,123
SFOC (kWh/gal)														
Unit 1 (Jan 2012)	14.73	14.33	14.65	14.76	14.62	14.95	14.90	14.72	14.55	14.55	14.39	14.33	14.75	14.64
Unit 2 (Jan 2012)	14.71	14.27	14.71	14.62	14.36	14.48	14.74	14.46	14.09	0.00	1.00	2.00	14.68	14.51
Unit 3 (Ex CAT 2)	13.02	0.00	0.00	0.00	10.60	12.50	-	13.14	13.64	12.97	12.86	13.07	12.72	12.91
Unit 4 (Jul 13 - Singapore)	-	14.40	12.84	12.98	13.26	13.15	12.63	13.57	13.66	13.28	13.02	13.07	14.40	13.11
SLOC (kWh/gal)														
Unit 1 (Jan 2012)	6,122.7	4,840.0	3,607.5	3,621.8	4,900.4	3,282.6	3,927.2	2,337.0	4,625.4	4,607.4	4,506.2	1,177.5	4,269	3,630
Unit 2 (Jan 2012)	2,676.7	5,027.7	3,857.6	2,573.6	2,086.2	2,967.3	2,652.2	2,035.3	2,891.1	0.0	1.0	1.0	4,255	2,620
Unit 3 (Ex CAT 2)	0.0	0.0	0.0	0.0	75.9	0.0	0.0	0.0	0.0	14,076.0	0.0	0.0	0	2,049
Unit 4 (Jul 13 - Singapore)	0.0	0.0	3,352.0	3,029.5	1,800.1	3,288.9	-	2,765.2	1,548.4	2,636.1	3,393.2	3,279.2	0	3,013
Forced Outage Factor (%)	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.34%	0.34%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.05%	0.79%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	19.1%	18.7%	24.1%	24.0%	23.8%	22.9%	22.8%	25.3%	24.6%	24.4%	26.4%	25.8%	21.8%	24.1%
Distribution Losses (%)	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	12.6%	90.5%
SAIDI (hours/consumer)	0.65	0.14	0.66	0.86	1.44	1.24	0.50	0.10	0.00	0.27	1.05	0.00	11.60	6.12
SAIFI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.09	0.09
Average Cost (\$/kWh)	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.16	0.17	0.18	0.19	0.00	0.22	0.17

Power Table 2 Power Generation Statistics – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	FY 2016 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	581,660	459,800	414,860	434,610	465,540	410,320	420,210	467,400	622,120	645,040	590,310	111,860	6,489,250	4,582,270
Unit 2 (Jan 2012)	535,340	477,630	424,340	424,640	396,380	400,580	411,090	514,930	440,900	0	0	525,020	6,339,820	3,537,880
Unit 3 (Ex CAT 2)	25,900	0	0	0	7,210	500	0	2,470	12,400	140,760	26,750	25,060	95,330	215,150
Unit 4 (Jul 13 - Singapore)	0	168,190	318,440	287,800	324,010	312,450	269,770	262,690	147,100	500,850	644,710	623,050	168,190	3,690,870
Diesel Generation Total (kWh)	1,142,900	1,105,620	1,157,640	1,147,050	1,193,140	1,123,850	1,101,070	1,247,490	1,222,520	1,286,650	1,261,770	1,284,990	13,092,590	12,026,170
Airport Solar Panel	7,135	6,856	9,064	8,396	7,927	7,723	8,145	9,316	8,112	6,995	6,110	5,231	84,370	77,019
High School Solar Grid Connect	22,780	19,158	23,956	14,955	17,966	18,264	22,568	28,693	25,989	25,302	22,820	21,468	203,272	221,981
Solar PV Generation Total (kWh)	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	28,930	26,699	287,642	299,000
Total Generation (kWh)	1,172,815	1,131,634	1,190,660	1,170,401	1,219,033	1,149,837	1,131,783	1,285,499	1,256,621	1,318,947	1,290,700	1,311,689	13,380,232	12,325,170
Maximum Demand (kW)	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,505	2,450	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	13,000
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	13,000
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	12,000
Unit 4 (Jul 13 - Singapore)	0	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	0	16,000
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	3,699	3,180	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	3,162	3,398	52,826	32,947
Running Hours														
Unit 1 (Jan 2012)	738	564	469	493	519	486	496	551	717	739	717	140	8,168	5,327
Unit 2 (Jan 2012)	708	608	486	494	479	489	492	611	550	0	0	674	8,151	4,274
Unit 3 (Ex CAT 2)	43	0	0	0	11	1	0	6	20	199	39	38	132	314
Unit 4 (Jul 13 - Singapore)	0	192	259	207	223	242	215	249	153	550	688	653	192	3,438
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,489	1,364	1,214	1,194	1,231	1,218	1,203	1,417	1,439	1,488	1,444	1,505	16,642	13,352

Power Table 3 Fuel & Lube Oil Statistics – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	FY 2015	FY 2016 YTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	39,499	32,091	28,325	29,443	31,848	27,441	28,210	31,751	42,769	44,339	41,031	7,804	439,986	312,961
Unit 2 (Jan 2012)	36,396	33,464	28,848	29,047	27,609	27,661	27,889	35,619	31,293	0	0	35,916	431,893	243,883
Unit 3 (Ex CAT 2)	1,990	0	0	0	680	40	0	188	909	10,853	2,080	1,918	7,493	16,668
Unit 4 (Jul 13 - Singapore)	0	11,683	24,807	22,178	24,439	23,765	21,361	19,362	10,772	37,700	49,524	47,681	11,683	281,590
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	92,892	92,635	93,319	891,055	855,102
Average Fuel Price (\$/Gallon)	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	2.70	2.81	3.37	2.69
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	0	0	20	25	0	30	12	10	40	45	36	0	0	218
Unit 2 (Jan 2012)	10	0	15	70	95	40	60	63	58	0	0	0	65	401
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	10	0	0	0	10
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	10	0	35	95	95	70	72	73	97	55	36	0	65	628
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	95	95	95	95	95	95	95	190	95	95	95	95	1,520	1,045
Unit 2 (Jan 2012)	190	95	95	95	95	95	95	190	95	0	0	190	1,425	950
Unit 3 (Ex CAT 2)	0	0	0	0	95	0	0	0	0	0	0	0	0	95
Unit 4 (Jul 13 - Singapore)	0	0	95	95	180	95	0	95	95	190	190	190	0	1,225
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	285	190	285	285	465	285	190	475	285	285	285	475	2,945	3,315

Power Table 4 Power Distribution Statistics – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jun 17	YTD 2015	YTD 2016
Number of Outages (Frequency)														
Forced - Generation	2	5	4	2	2	3	2	3	0	1	3	0	14	20
Planned - Generation	0	0	0	0	1	1	0	0	0	0	0	0	1	2
Total Number of Outages (Gen)	2	5	4	2	3	4	2	3	0	1	3	0	15	22
Forced - Distribution	10	20	16	12	11	19	13	23	0	5	21	7	115	127
Feeder 1	2	5	3	2	3	4	2	4	0	1	3	0	13	22
Feeder 2	2	5	4	2	2	3	2	4	0	1	4	1	30	23
Feeder 3	3	5	3	3	2	4	2	5	0	1	3	3	35	26
Feeder 4	3	5	3	5	2	3	5	4	0	1	5	1	37	29
Feeder 5			3	0	2	5	2	6	0	1	6	2		
Planned - Distribution	3	2	4	6	8	5	4	0	0	5	0	0	36	32
Feeder 1	0	0	2	0	1	1	0	0	0	1	0	0	3	5
Feeder 2	0	1	1	2	4	1	3	0	0	1	0	0	3	12
Feeder 3	3	1	0	0	1	1	0	0	0	1	0	0	14	3
Feeder 4	0	0	0	2	2	1	1	0	0	1	0	0	16	7
Feeder 5			1	2	0	1	0	0	0	1	0	0		
Total Number of Outages (Dist)	13	22	20	18	19	24	17	23	0	10	21	7	151	159

Power Table 5 Power Outage Statistics – August 2015 to July 2016

	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jun 17	YTD 2015	YTD 2016
Duration of Outages (Hrs)														
Forced - Generation	0.3	0.6	0.2	0.4	0.2	0.5	0.3	0.3	0.0	0.1	0.4	0.0	29.6	2.5
Planned - Generation	0.0	0.0	0.0	0.0	3.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.7
Total Duration Gen Outage (Hrs)	0.3	0.6	0.2	0.4	3.4	3.0	0.3	0.3	0.0	0.1	0.4	0.0	33.6	8.2
Forced - Distribution	2.1	0.6	1.0	3.8	1.5	12.5	3.5	2.8	0.0	0.7	21.0	1.6	226.7	48.4
Feeder 1			0.3	0.3	0.7	2.5	0.3	0.4	0.0	0.0	3.0	0.0		7.5
Feeder 2			0.2	0.3	0.2	2.5	0.3	0.4	0.0	0.0	4.0	0.4		8.3
Feeder 3			0.2	0.5	0.2	2.5	0.2	0.6	0.0	0.0	3.0	0.5		7.7
Feeder 4			0.2	2.8	0.2	2.5	2.5	0.8	0.0	0.6	5.0	0.3		14.8
Feeder 5			0.2	0.0	0.2	2.5	0.2	0.6	0.0	0.0	6.0	0.5		10.2
Planned - Distribution	15.7	3.4	16.9	19.7	37.7	21.2	10.0	0.0	0.0	6.7	7.5	0.0	89.1	119.6
Feeder 1			7.8	0.0	3.4	2.3	0.0	0.0	0.0	1.3	0.4	0.0		15.1
Feeder 2			2.1	9.2	20.7	0.8	7.5	0.0	0.0	1.3	1.0	0.0		42.5
Feeder 3			0.0	0.0	6.1	0.6	0.0	0.0	0.0	1.3	0.4	0.0		8.5
Feeder 4			0.0	7.8	4.1	0.6	2.5	0.0	0.0	1.5	4.3	0.0		20.8
Feeder 5			7.0	2.7	3.4	16.9	0.0	0.0	0.0	1.3	1.4	0.0		32.7
Total Duration Dist Outage (Hrs)	17.8	3.9	18.8	27.3	40.7	46.2	17.0	5.6	0.0	8.1	49.5	3.2	315.8	168.0

Water Table 1 Water Production & Sales Data Statistics August 2015 to July 2016

COMPANY WIDE DATA	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
Production(Gallons)												
WTP (production less storage difference)	1,182,600	1,713,500	1,233,400	1,122,500	1,284,900	1,293,700	1,026,100	458,800	795,000	1,248,300	865,000	1,200,900
Wells	19,128,000	21,207,500	20,691,800	17,321,000	16,603,776	19,293,792	18,243,591	18,974,336	17,164,066	18,524,248	16,718,126	19,300,026
	20,310,600	22,921,000	21,925,200	18,443,500	17,888,676	20,587,492	19,269,691	19,433,136	17,959,066	19,772,548	17,583,126	20,500,926
Volume Billed(Gallons)												
Commercial	759,203	727,476	1,353,064	1,127,860	1,994,655	1,028,560	1,275,610	969,055	1,558,890	1,548,440	1,652,090	2,032,980
Government (excludes hospital)	1,014,700	959,590	955,350	601,640	432,500	495,720	856,790	746,340	750,280	1,077,050	872,510	1,088,270
Government Hospital			1,005,500	600,800	742,600	628,800	617,000	441,900	610,200	662,300	782,600	782,000
Residential	1,833,151	2,736,952	4,737,307	2,520,050	2,703,599	3,315,674	2,826,759	3,707,730	3,950,419	2,979,876	3,176,732	3,130,328
Water Delivery and Bunkering			38,000	15,086	2,000	39,000	138,000	267,000	-	45,300	26,000	28,000
Total	3,607,054	4,424,018	8,089,221	4,865,436	5,875,354	5,507,754	5,714,159	6,132,025	6,869,789	6,312,966	6,509,932	7,061,578
NRW												
Volume	16,703,546	18,496,982	13,835,979	13,578,064	12,013,322	15,079,738	13,555,532	13,301,111	11,089,277	13,459,582	11,073,194	13,439,348
	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%	63.0%	65.6%
Invoiced Water Value(USD)												
Water Delivery and Bunkering					50	\$2,430.00	\$7,350.00	\$15,175.00	\$0.00	\$2,265.00	\$1,450.00	\$1,886.00
Commercial	3,189	2,815	6,704	5,564	9,840	\$5,050.98	\$6,152.76	\$4,582.04	\$7,524.98	\$7,484.35	\$8,035.34	\$9,916.69
Government (includes hospital)	4,958	4,283	9,688	5,867	5,759	\$5,509.02	\$7,213.96	\$5,778.41	\$6,648.35	\$8,566.64	\$8,111.46	\$9,238.91
Residential	4,970	7,408	14,120	7,484	7,847	\$9,770.13	\$8,241.49	\$10,532.91	\$11,039.61	\$8,268.60	\$8,857.52	\$8,614.73
	13,118	14,506	30,512	18,915	23,447	\$20,330.13	\$21,608.21	\$20,893.36	\$25,212.94	\$24,319.59	\$25,004.32	\$27,770.33
Sewer Charges(USD)												
Commercial	1,487	1,372	2,871	2,221	4,360	\$2,169.58	\$2,386.80	\$1,839.53	\$3,014.38	\$3,433.35	\$3,697.11	\$3,367.07
Commercial - w/o water	4,130	4,130	4,048	3,819	3,254	\$3,354.65	\$3,354.65	\$3,394.09	\$3,394.09	\$3,344.65	\$3,344.65	\$3,344.65
Government	2,473	2,324	4,800	2,909	2,857	\$2,731.40	\$3,574.42	\$2,762.26	\$3,240.02	\$4,173.50	\$3,948.94	\$4,504.10
Residential	327	704	1,456	639	641	\$930.96	\$608.84	\$793.71	\$1,019.42	\$671.92	\$749.40	\$682.72
Residential w/o water	1,570	1,540	2,060	2,000	2,010	\$1,950.00	\$1,900.00	\$1,820.00	\$1,740.00	\$1,690.00	\$1,720.00	\$1,680.00
	9,987	10,069	15,235	11,589	13,122	\$11,136.59	\$11,824.71	\$10,609.59	\$12,407.91	\$13,313.42	\$13,460.10	\$13,578.54

Water Table 2 Water/Sewer Connection Data – August 2015 to July 2016

COMPANY WIDE DATA	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
Water Connection Data (No. of Connections)												
Commercial - Billed	59	63	64	65	65	66	69	70	66	66	68	67
Commercial - Disconnected	8	8	6	5	2	3	2	3	4	4	5	6
Commercial - Awaiting Connection	3	3	3	3	3	3	3	2	2	2	2	2
Commercial Avge Consumption - Gall/conn/mth	12,868	11,547	21,142	17,352	30,687	15,584	18,487	13,844	23,620	23,461	24,295	30,343
Government - Billed	13	14	16	15	15	13	19	19	17	15	19	14
Government - Disconnected	3	2	2	2	1	1	2	2	2	2	2	5
Government - Awaiting Connection	0	0	0	0	0	-	-	-	-	-	-	-
Government Avge Consumption - Gall/conn/mth	78,054	68,542	59,709	40,109	28,833	38,132	45,094	39,281	44,134	71,803	45,922	77,734
Hospital - Billed			1			1	1	1	1	1	1	1
Hospital - Disconnected			0			-	-	-	-	-	-	-
Hospital - Awaiting Connection			0			-	-	-	-	-	-	-
Hospital Avge Consumption - Gall/conn/mth			1005500			628800	617000	441900	610200	662300	782600	782000
Residential - Billed	327	334	340	343	340	337	348	357	353	348	351	331
Residential - Disconnected	136	126	119	119	119	118	118	113	120	118	122	143
Residential - Awaiting Connection	49	62	63	61	64	65	62	59	60	65	70	73
Residential Avge Consumption - Gall/conn/mth	5,606	8,194	13,933	7,347	7,952	9,839	8,123	10,386	11,191	8,563	9,051	9,457
Sewer Connection Data (No. of Connections)												
Commercial Billed	29	31	24	23	30	25	35	39	37	38	38	37
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	7	8	11	10	10	13	18	18	16	14	18	13
Residential Billed	142	134	127	136	135	139	140	158	169	160	160	146
Residential Billed w/o water	151	144	198	193	177	195	190	183	173	169	172	168
SEWER OVERFLOWS												
North Zone	1	1	0	1	0	0	0	0	0	0	4	0
South Zone	3	1	1	0	0	1	0	0	0	0	1	4

Water Table 3 Zonal Water Use Statistics – FY2016

ZONAL NRW - July 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	2,116,790	452,930	1,663,860	79%	1	12,456,879	4,326,930	8,129,949	65%
2	10,614,304	4,902,658	5,711,646	54%	2	127,410,642	39,399,526	88,011,116	69%
3	748,935	82,260	666,675	89%	3	12,653,016	2,644,840	10,008,176	79%
4	1,295,094	123,200	1,171,894	90%	4	9,741,547	1,212,769	8,528,778	88%
5	107,100	6,560	100,540	-	5	1,869,400	47,380	1,822,020	-
6	4,124,900	1,245,330	2,879,570	70%	6	22,412,949	12,705,640	9,707,309	43%
7	32,009	116,120	-84,111	-	7	336,293	363,050	-26,757	-
8	1,461,794	132,520	1,329,274	91%	8	6,177,804	2,212,290	3,965,514	64%
Total	20,500,926	7,061,578	13,439,348	66%	Total	193,058,530	62,912,425	130,146,105	67%
ZONAL WATER CONSUMPTION - July 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	AWge Use -Gallons/ConnecUion				Zone	Avge Use -Gallons/Connection			
	Commercial	GoWernment	Hospital	Residential		Commercial	Government	Hospital	Residential
1	10,072	3,400	-	10,788	1	29,113	39,660	-	8,340
2	34,454	111,763	-	8,896	2	19,904	60,732	-	9,206
3	0	25,810	-	3,763	3	0	16,275	-	14,124
4	8,600	0	-	9,636	4	7,414	0	-	9,306
5	0	0	-	1,312	5	0	0	-	993
6	2,197	0	782,000	0	6	58,467	0	687,370	12,996
7	0	0	-	23,224	7	0	0	-	7,727
8	29,400	17,730	-	7,133	8	9,860	35,153	-	6,590
Total	30,343	77,734	782,000	9,457	Total	21,703	56,260	687,370	9,984

Administration Table 1 H&S Statistics – July 2016 & FY 2016



HEALTH & SAFETY REPORT: FY2016 - June 2016

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	June 2016						YEAR TO DATE - FY2016					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,467	0	0	0	0	0	14,540	0	0	0	0	0
Maintenance	8	1,152	0	0	0	0	0	12,700	0	0	0	0	0
Power Distribution - Line	20	3,002	0	0	0	0	0	31,870	0	0	0	0	0
Power Distribution - Contractors	13	2,240	0	0	0	0	0	19,544	0	0	0	0	0
Water & Sewer	11	1,747	0	0	0	0	0	17,141	0	0	0	0	0
Water & Sewer Contractors	12	2,392	0	0	0	0	0	20,566	0	0	0	0	0
Fin, Admin, Cust Care	17	2,659	0	0	0	0	0	22,006	0	0	0	0	0
TOTAL	90	14,659	0	0	0	0	0	138,368	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

267,869

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	June 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	105	0	105
Maintenance	8	45	0	45
Power Distribution - Line	20	302	0	302
Power Distribution - Customer	13	0	0	0
WSS _ Treatment/Prod	11	190	0	190
WSS Networks	12	0	0	0
Finance, Admin Cust Coord	17	204	0	204
TOTAL	90	847	0	847

Year To Date FY2016		
Total Hours Sick	Accident Related	Poor Health
855	0	855
411	0	411
2,214	0	2,214
357	0	357
779	0	779
25	0	25
2,257	0	2,257
6898	0	6898

Sick Hours as Percentage of Total Hours Worked	5.8%	0.0%	5.8%
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5.0%	0.0%	5.0%
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DEPARTMENT	Number of Staff	June 2016		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	9	7.2%	0.0%	7.2%
Maintenance	8	3.9%	0.0%	3.9%
Power Distribution - Line	20	10.1%	0.0%	10.1%
Power Distribution - Customer	13	0.0%	0.0%	0.0%
WSS _ Treatment/Prod	11	0.0%	0.0%	0.0%
WSS Networks	12	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	17	7.7%	0.0%	7.7%
TOTAL	90	5.8%	0.0%	5.8%

Administration Table 2 Attendance Summary – July 2016 & FY 2016

DEPARTMENT	June 2016								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 claim
		Regular	Overtime						Regular	Overtime						
Power Generation	9	1,343	124	0	105	11	1,583	32	11,226	1,900	170	855	367	14,518	32	5.9%
Maintenance	8	1,041	111	0	45	79	1,276	11	11,206	1,495	474	411	641	14,226	49	2.9%
Power Distribution - Line	20	2,824	178	0	302	135	3,440	54	25,518	6,352	1,171	2,214	1,344	36,599	66	6.0%
Power Distribution - Contractors	13	2,240	0	0	0	0	2,240	0	19,152	392	188	357	114	20,203	0	1.8%
Water & Sewer	11	1,546	201	0	190	72	2,009	7	14,071	3,070	410	779	1,092	19,422	8	4.0%
Water & Sewer Contractors	12	2,392	0	0	0	0	2,392	0	20,178	388	203	25	204	20,997	20	0.1%
Fin, Admin, Cust Care	17	2,370	289	0	204	407	3,270	0	19,825	2,181	965	2,257	3,076	28,304	263	8.0%
TOTAL	90	13,756	903	0	847	705	16,210	104	121,176	15,777	3,581	6,898	6,837	154,270	437	4.5%
Hours as % of Total Hours Claimed		84.9%	5.6%	0.0%	5.2%	4.3%		0.6%	78.5%	10.2%	2.3%	4.5%	4.4%		2.7%	

CAPEX Table 1 Major Capex Project Summary – End July 2016

CPUC - MAJOR CAPEX PROJECTS SUMMARY - July 2016				
	Contract Value US\$	Spend To Date US\$	% Complete	Component Target End Date
WWTP REHABILITATION PROJECT				
Component 1 - Local				
Construction Management	342,000.00	343,387.00	100.4%	Complete
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	160,321.00	151.6%	Complete
Other (Local LS construction; Env.;)	90,000.00	0.00	0.0%	Complete
Freight & Tax	48,055.00	35,188.01	73.2%	Complete
Contingency **	45,432.00	38,672.00	85.1%	Complete
Total Budget	954,082.00	912,927.01	95.7%	
* - 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)				Complete
2 - Plant and Mandatory Spare Parts (local)				Complete
3 - Design Services				Complete
4 - Installation and other services	3,302,460.00	3,237,118.00	98.0%	Complete
5 - Civil Works				Complete
6 - Testing & Commissioning				Complete
Additional procurement (vehicles & Chlorine)	49,856.00	62,925.00	126.2%	Complete
Import Tax	125,016.00	31,872.03		Complete
Contingency	173,867.00	110,910.00	63.8%	Complete
Total Budget	3,651,199.00	3,442,825.03	94.3%	
Balance payable to CCB Envico On D/L Completion		17,929.89		
Final Out-turn on Component 1 & 2	4,605,281.00	4,373,681.93	231,599.07	
ADB ODP PROJECT - POWER DISTRIBUTION IMPROVEMENT - Loan Drawdown Completed - Loan Closed End June 2016				
Material Procurement (Loan Drawdown)	5,495,430.00	5,431,322.74	98.8%	Jun-15
Balance of funds to be utilised for IDC until the loan is capitalised in June 2016				
Construction by CPUC:			100%	
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 40% complete - target completion end Q4 FY2016; The first payment claim for US\$104k Maysak phase 2 work has been submitted to IOM with payment sign off anticipated in June 2016 - sign off has still been made by IOM - the reason is uncertain				
WENO POWER PLANT REHABILITATION PROJECT				
The project is progressing to schedule - delivery of the GE engines to RJE in Adelaide is scheduled for early August; Construction of the control and generator buildings is well advanced. The first shipment of materials has been sent from Adelaide with				
The renovation of the office and store room is progressing well, PLEC are awaiting delivery of cement. Target for completion remains end of September 2016.				
Site clearance is expected to be completed in August - a container of scrap was sent off island in July and oil and diesel storage tanks are being removed from the site to make room for the civil works that will commence in October.				

CAPEX Table 2 Capex Summary Sheet – End July 2016

Chuuk Public Utility Corporation Capex Summary Sheet as of July 31, 2016									
	A	A1	B	C	D (B-C)	E (A+A1-B)	F	(A+A1-F)	G (F-C)
	Total Value	(Deobligate) Obligate	Commitment	Expended	Commitment Balance	Uncommitted (Fun By Ops/Other Grant)	Cash Drawdown	OIA Balance	Cash Balance
ADB Loan									
OCR	2,800,000		2,788,915	2,788,915	0	11,085	2,788,915	0	0
ADF	2,694,256		2,694,256	2,694,256	0	0	2,694,256	0	0
ADB Grant - Project Completed in December 2013									
JFPR	980,000		980,000	963,000	17,000	0	963,000	0	0
Compact Grant									
CRISP - D11AF00015	2,360,200		2,306,200	2,306,200	0	54,000	2,306,200	0	0
CRISP - D11AF00084	2,121,440		2,165,889	2,165,889	0	-44,449	2,121,440	0	0
CRISP TOTAL	4,481,640		4,472,089	4,472,089	0	9,551	4,427,640	0	0
OMIP	250,000		251,427	251,427	0	-1,427	250,000	0	0
OIDPMatchPower Plant GR970170	7,690,000	374,039	7,783,975	5,352,133	2,431,842	280,064	7,400,000	664,039	2,047,867
Smoke Detection	60,000	-4,686	55,314	55,314	0	0	60,000	-4,686	4,686
Power Security grant D15AFF0020	470,000	-85,969	384,031	384,031	0	0	384,400	-369	369
FY 2014 professional Managt D14F0009-00020	762,400		751,000	751,000	0	11,400	751,000	11,400	0
Fy 2015 professional - D15F00015-00020	280,800		280,800	280,800	0	0	280,800	0	0
FY 2016 Professional - D16AF00023-00020	525,800		424,740	261,627	163,113	101,060	390,450	135,350	128,823
WWTP Phase 1 D14AF00042	955,000	-48,117	906,883	906,883	0	0	909,000	-2,117	2,117
WWTP Phase 2 D14AF00048	3,700,000	-235,267	3,464,733	3,414,233	50,500	50,500	3,456,497	8,236	42,264
FY 2016 Scratched Card - D16AF00017-00010	140,000		140,000	140,000	0	0	140,000	0	0
FY 2016 Tonoas Water System - D16AF00017-00010	750,000		0	0	0	0	0	750,000	0
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000		0	0	0	0	0	350,000	0
Total	26,889,896	0	25,378,162	22,715,708	2,662,455	462,233	24,895,958	1,911,853	2,226,126