

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

June 2016



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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Jun-16	YTD 2016 US\$	US\$/kWh Sold		US\$/kWh generated	
			Jun-16	YTD 2016	Jun-16	2016 YTD
Revenue	503,285	4,456,224	0.479	0.491	0.390	0.405
Variable Costs	262,467	1,449,990	0.250	0.160	0.203	0.132
Fixed Costs	181,686	1,147,244	0.173	0.126	0.141	0.104
Total Expenses	444,153	2,597,234	0.422	0.286	0.344	0.236
Operating result	59,132	1,858,990	0.056	0.205	0.046	0.169
	kWh	kWh				
Power generation	1,290,700	11,013,481				
Diesel	1,261,770	10,741,180				
Solar	28,930	272,301				
Solar PV as % of Total Generation	2.2%	2.5%				
Avoided Cost of Fuel - US\$	5,735	51,263				
Tons of CO2 Avoided	21.5	194.9				
					Sales	
Government Sales	166,881	1,746,130	Feeder	Conn's		2016 YTD
Commercial Sales	576,289	4,893,183	F1	277	203,412	1,952,851
Residential Sales	233,977	1,979,774	F2	92	25,130	218,780
Intercompany Sales	51,250	464,386	F3	461	363,072	3,018,538
Sales Accrual	22,873	-4,147	F4	759	401,989	3,424,516
Total Sales	1,051,270	9,079,326	F5	369	58,083	483,969
Power Loss	18.6%	17.6%	Total	1,958	1,051,685	9,098,654
Operating ratio	0.88	0.90	NB - Error on Total and Feeder sales YTD is <0.1%; within limits;			
Water Produced - Gallons	17,583,126	172,863,135				
Water Sold - Gallons	6,509,932	55,889,847				
Non Revenue Water	63.0%	67.7%				

Daily generated output in June was 43,023 kWh/day; 1.1% higher than May. Average daily sales were 35,042 kWh/day; 0.8% higher than May. Total power loss increased from 18.3% to 18.6%. FY2016 loss to date is 17.6%.

Average fuel efficiency in June was lower than May at 13.60 kWh/gallon (avge YTD is 14.10 kWh/gallon). The reduction in efficiency is due to the drawn out process of the overhaul of Units 1 and 2 – the overhaul commenced in May but the need for additional spares for both units has extended the downtime of these units from 10 days to an average of 35 days per unit – the overhauls will be complete by the end of the 3rd week in July at which time fuel efficiency will increase to prior levels.

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

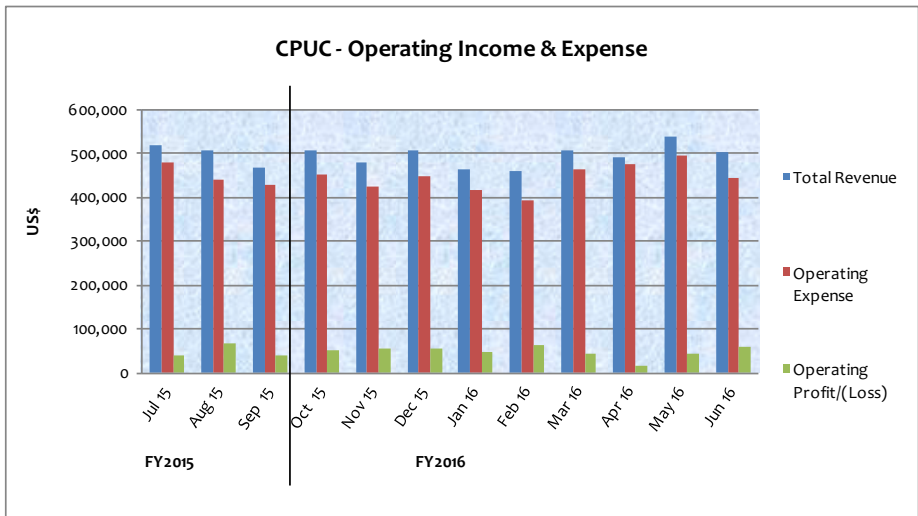
Government – 15.9%; Commercial – 54.8%; Residential – 22.3%; Intercompany 4.9%; Accrual 2.2%;

Solar PV generation in June was 28,930 kWh down by 12% on May figures and accounted for 2.2% of total generation; the avoided cost of fuel in the month is US\$5,735 (US\$51,263 YTD); the amount of Carbon Dioxide avoided in the month was 21.5 tons (194.9 tons YTD).

Local contractors PLEC commenced work on the power plant office and store room in June.

Testing of the GE engines was held on the 8th and 9th of June. Both engines are compliant with published performance data – CPUC estimates that the fuel efficiency of these engines will be 7% greater than the CAT 3516 units.

1 FINANCIAL PERFORMANCE GRAPHS

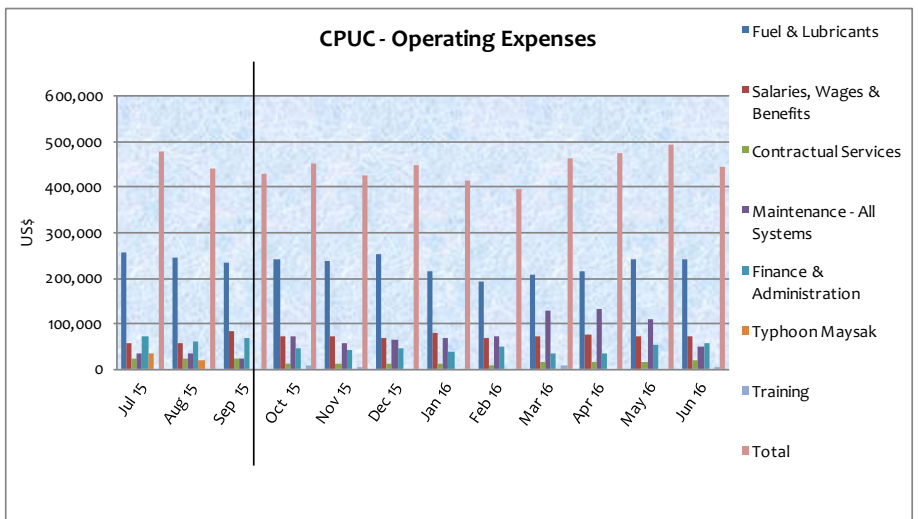


1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

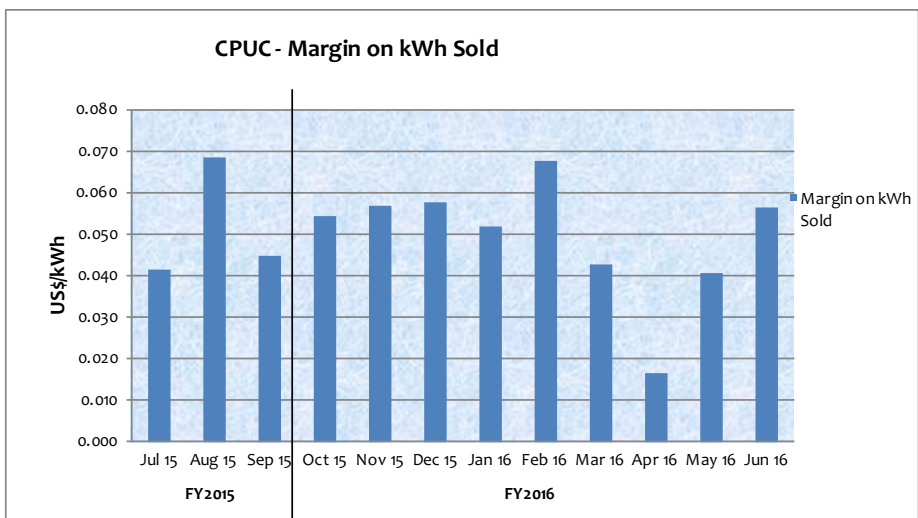
June 2016 US\$59,132;

Operating ratio: 0.88

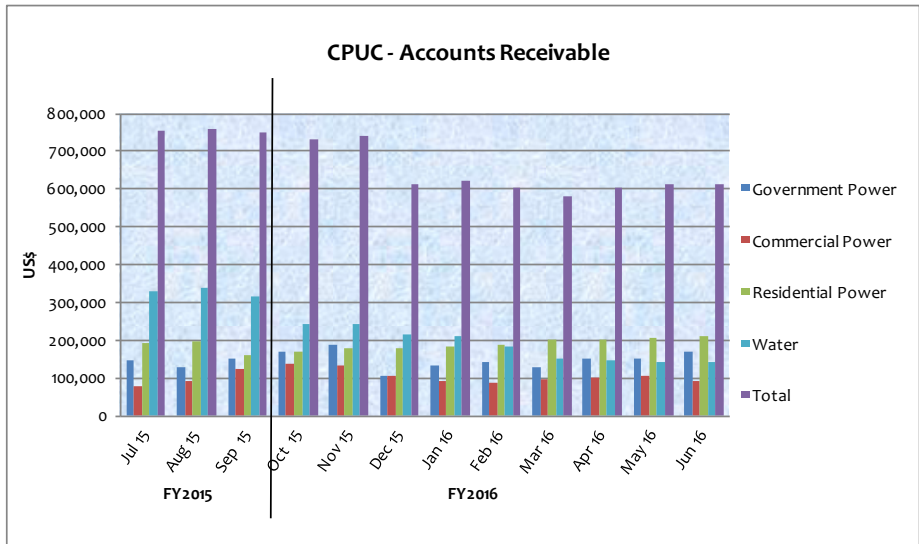


1.2 Key Points:

Price of Fuel in April: US\$2.70/gallon;

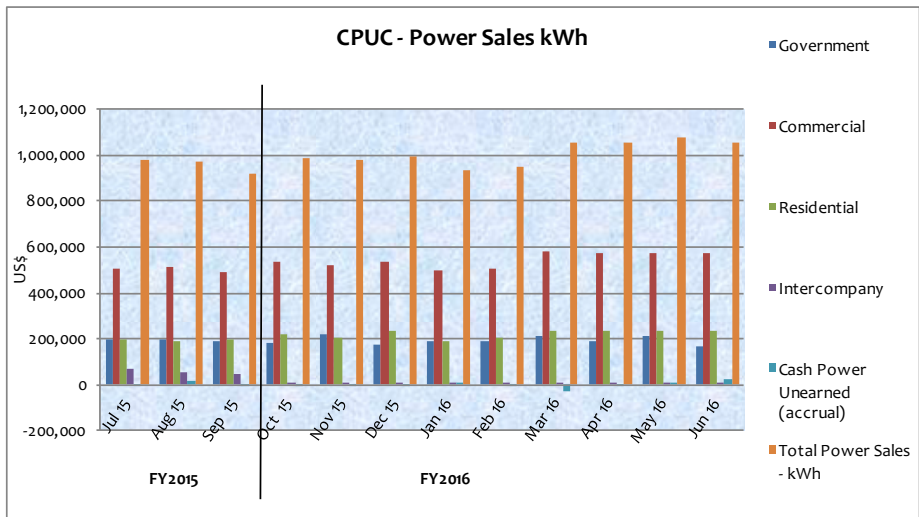


1.3 Key Points:

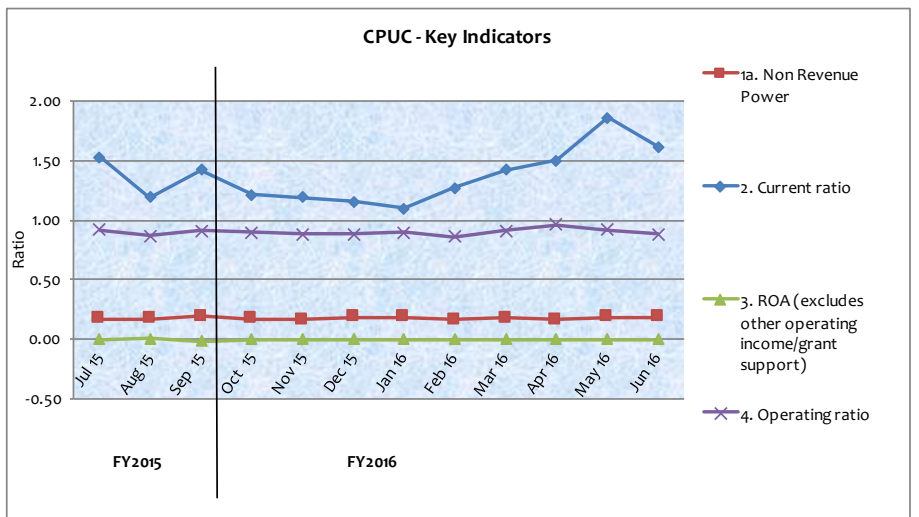


1.4 Key Points:

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;

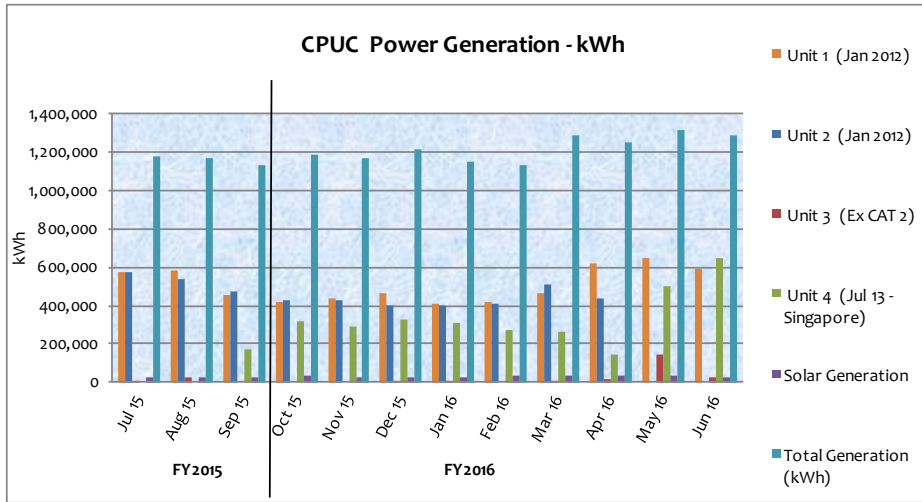


1.5 Key Points:

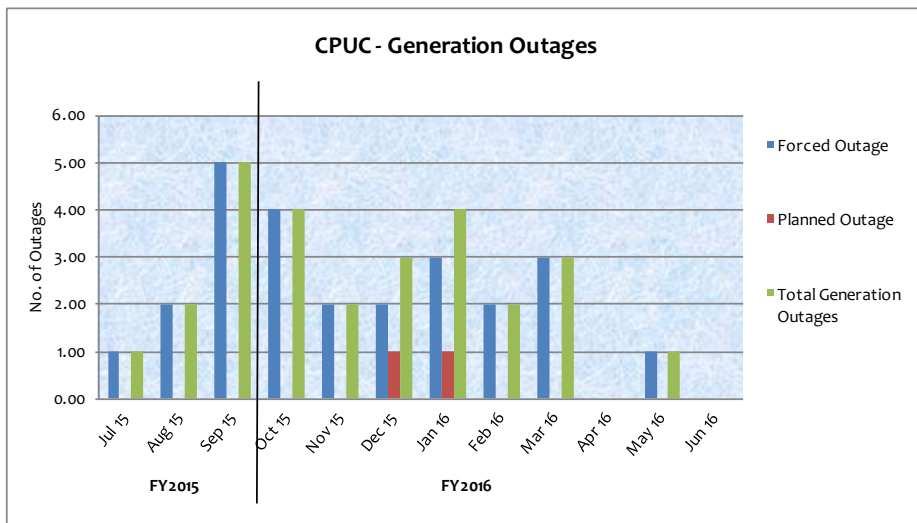


1.6 Key Points:

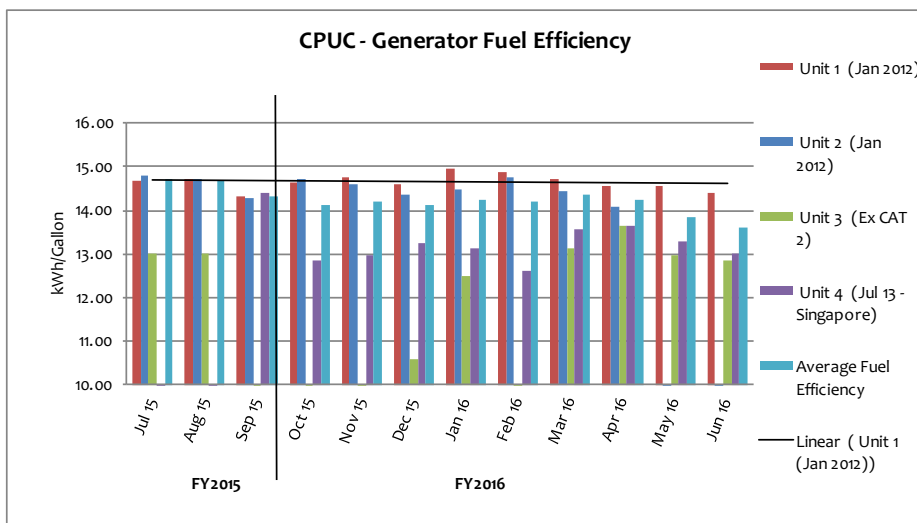
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



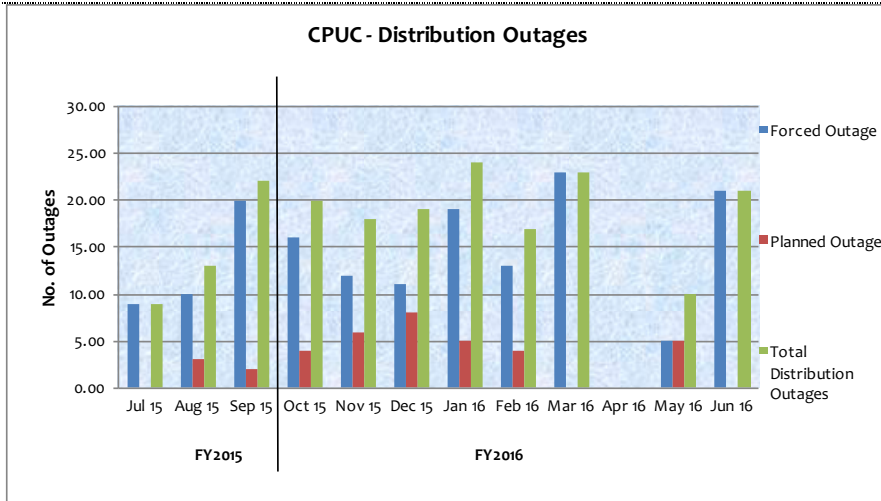
2.2 Key Points:



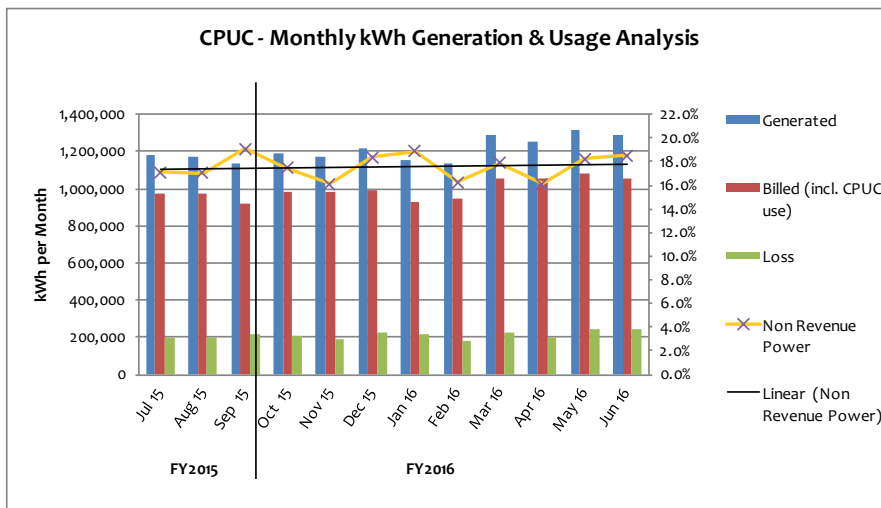
2.3 Key Points:

Fuel efficiency decrease in units 1 & 2 related to overhaul timing (Top end o/hauls to be complete by mid July 2016).

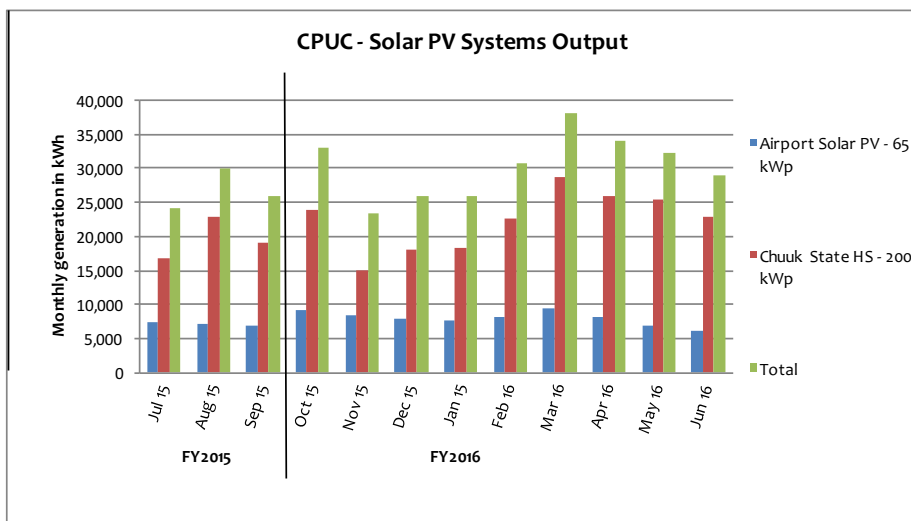
Lower efficiency of unit 4 contributing to avge. Eff. decrease with increasing load.



2.4 Key Points



2.5 Key Points:



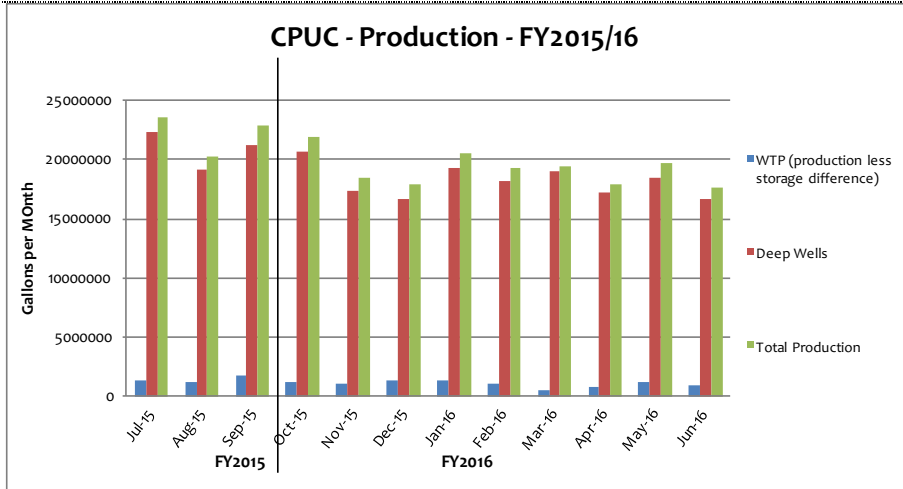
2.6 Key Points:

Solar PV accounted for 2.2% of CPUC generation in May 16 (YTD 2.5%);

Avoided cost of fuel was:

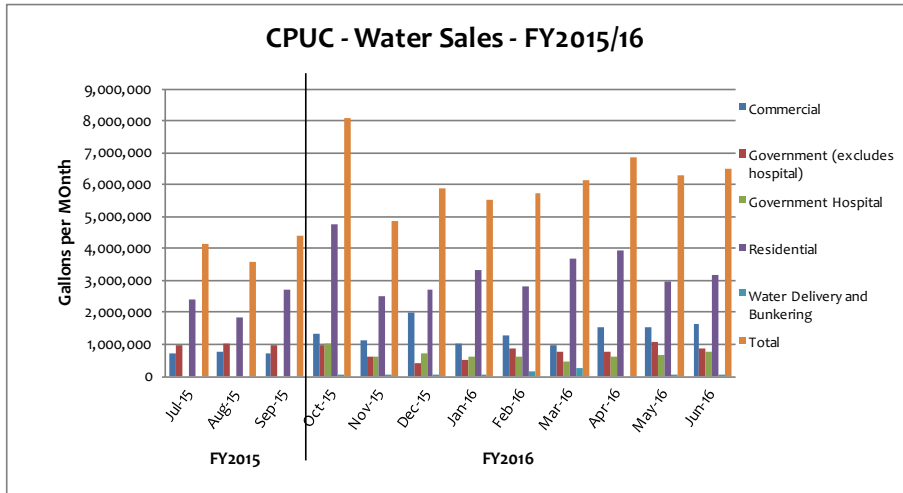
US\$5,735;
(US\$51,263 YTD)

3 WATER PERFORMANCE GRAPHS

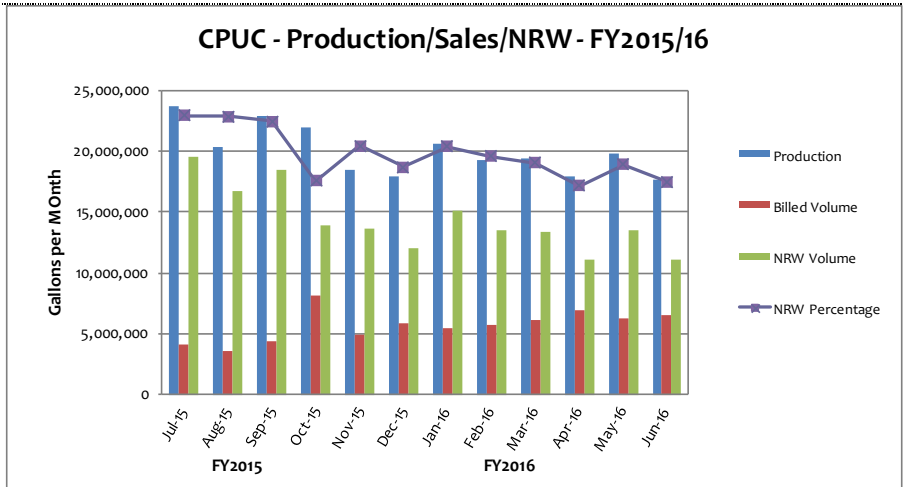


1 Key Points:

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 – July 2015 to June 2016

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	FY 2016 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	443,682	444,120	399,300	443,615	442,147	459,407	416,777	405,883	438,722	446,808	465,188	458,828	5,082,085	3,977,374
b. Water Sales	24,546	23,572	25,965	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	24,280	366,510	205,521
c. Sewer Sales				15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	13,364		110,275
d. I/company Power Sales (in Power Sales from Oct 15)	35,327	26,969	22,764	-	-	-	-	-	-	-	-	-	325,632	0
d.Other operating revenue	14,794	12,828	21,713	18,388	8,747	10,308	16,437	20,671	38,634	8,154	34,902	6,812	270,931	163,054
Revenue - Total	518,349	507,489	469,742	506,477	480,143	505,860	464,254	458,127	508,447	491,935	537,697	503,285	6,045,158	4,456,224
Expenses - US\$														
Fuel & Lubricants	255,263	244,584	232,533	241,803	236,880	252,887	213,491	192,177	206,275	213,943	242,003	242,754	3,044,499	2,042,213
Salaries, Wages & Benefits	57,528	58,588	84,308	74,375	73,686	67,242	81,706	69,513	74,336	75,794	72,072	72,323	694,839	661,047
Contractual Services	25,237	21,955	22,086	12,562	11,908	13,824	13,830	9,533	14,633	17,578	15,500	19,807	234,696	129,174
Typhoon Maysak Expenses	35,554	20,003	0	0	0	0	0	0	0	0	0	0	254,036	0
O&M - Power Generation	20,111	21,303	9,990	20,217	20,814	6,688	7,737	31,693	43,656	71,121	62,028	8,180	247,449	272,134
O&M - Power Distribution	734	1,553	635	6,016	6,646	16,453	18,917	8,431	17,486	14,144	2,585	6,687	36,504	97,365
O&M - Water	4,636	3,091	1,753	13,837	12,339	14,396	14,808	17,206	39,313	23,496	21,381	11,105	33,129	167,881
O&M - Sewer	-	-	-	10,982	6,123	8,058	7,267	6,499	11,339	8,825	12,505	10,872		82,470
Finance & Administration Overheads	33,868	32,829	44,515	44,579	43,045	48,065	39,127	49,753	33,698	36,115	53,901	58,610	523,013	406,893
Vehicle & Eq. Fuel	7,650	9,291	9,494	21,851	12,845	21,066	19,087	9,368	15,650	13,733	11,975	13,349	102,954	138,924
CPUC Power Usage (incl. in O&M from Oct 15)	35,327	26,969	22,764	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	1,998	892	741	0	0	0	0	0	0	0	0	0	3,631	0
Training	0	0	0	7,102	141	0	0	0	7,232	0	0	465	0	14,940
Expense - Total	477,907	441,056	428,816	453,323	424,427	448,677	415,970	394,173	463,619	474,748	493,951	444,153	5,504,274	4,013,041
Operating Income/(Loss)	40,442	66,432	40,925	53,154	55,716	57,182	48,284	63,954	44,828	17,187	43,746	59,132	540,884	443,183
Non-Cash Expenses - US\$														
Depreciation	41,364	41,364	73,215	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	280,034	427,451
Interest Expense	10,266	10,266	10,266	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	61,598	93,426
Non-Cash Expense - Total - US\$	51,630	51,630	83,482	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	341,632	520,877
Net Income/(Loss) - excluding grant support - US\$	-11,188	14,802	-42,557	-4,721	-2,159	-693	-9,592	6,079	-13,047	-40,689	-14,129	1,257	199,252	-77,694
Non-operating Income (Grant Support) - US\$	100,003	10	1,329,107	5	10	9	2	42,615	36	157	5	-3	4,960,627	42,835
Net Income/(Loss) - including grant support - US\$	88,815	14,812	1,286,551	-4,717	-2,150	-684	-9,590	48,694	-13,011	-40,532	-14,124	1,254	5,159,878	-34,859

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	YTD FY2016
Cash Flow Report - US\$														
Receipts	549,932	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	9,617,051	9,729,695
Disbursements	1,295,174	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	9,111,033	9,386,100
Net receipts/Disbursements	-745,242	-422,304	287,100	-199,876	-55,161	-79,319	-119,403	651,064	2,691,982	182,234	-2,246,803	-481,123	506,018	343,595
Cash balance (beginning)	1,900,197	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	513,733	1,019,751
Cash balance (end)	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	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	1,394	1,394	1,394
Cash in Banks (Bank Overdraft)	1,153,561	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	1,018,357	1,843,075
Stocks	1,318,846	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	1,180,345	1,369,145
Trade Receivable	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	473,195	423,882	458,402
Other Accounts Receivable (Due From)	1,123,862	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	1,891,427	1,034,026
Loans Payable	4,678,738	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	4,678,738	4,827,920
Payables to Suppliers & creditors	1,901,187	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	2,645,331	1,976,537
Total Accounts Receivable (to date) - US\$														
Government Power	149,589	129,416	150,219	172,357	186,584	108,529	134,897	142,271	128,921	150,509	151,591	169,124	151,180	151,591
Commercial Power	80,833	93,640	122,992	140,179	131,933	106,292	95,297	86,720	98,324	101,591	106,705	93,703	88,073	106,705
Residential Power	193,665	196,358	162,187	171,536	178,582	180,865	184,460	187,587	201,722	204,364	208,539	209,443	184,404	208,539
Water	332,171	338,288	316,114	245,746	243,101	215,951	209,690	185,167	152,422	149,696	145,446	141,440	332,698	145,446
Sewer	-	-	-	95,271	100,972	106,769	115,942	127,090	137,381	144,508	157,821	171,186	-	157,821
Allowance for Doubtful	-327,630	-327,630	-327,630	-327,241	-325,645	-323,698	-316,495	-316,495	-316,495	-311,700	-311,700	-311,700	-327,630	-311,700
Total	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	473,195	428,724	458,402

Financial Table 3 Power Sales Report - July 2015 to June 2016

Power Sales Report	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	YTD 2016
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	66,117	61,105	56,581	58,819	59,435	58,401	56,990	52,208	54,406	54,139	54,197	57,194	850,363	505,791
Government - Pre Paid (Cash Power)	32,033	34,680	32,842	27,398	37,837	24,745	29,746	31,550	35,951	29,019	38,391	17,714	383,753	272,351
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	23,364
Solar	2,876	2,876	2,876	2,661	2,661	2,661	2,855	2,855	2,855	3,750	3,750	3,750	34,515	27,797
Government Total	103,623	101,257	94,896	91,474	102,529	88,403	92,187	89,209	95,808	89,504	98,934	81,254	1,299,784	829,303
Commercial - Post Paid	189,475	188,914	167,976	182,069	175,780	182,152	165,977	157,130	179,614	182,275	187,413	188,850	2,055,368	1,601,261
Commercial - Pre Paid (Cashpower)	58,871	58,808	59,949	64,632	58,778	66,141	53,762	57,023	61,326	59,985	57,622	61,869	697,472	541,138
Commercial Total	248,346	247,722	227,925	246,701	234,558	248,293	219,739	214,153	240,941	242,260	245,035	250,718	2,752,841	2,142,398
Residential - Post Paid	3,953	3,793	5,825	5,947	5,152	5,484	4,827	5,607	4,486	4,725	6,483	3,249	53,049	45,961
Residential - Pre Paid (Cashpower)	88,099	83,180	78,994	86,978	80,669	95,131	73,192	75,512	84,283	88,158	87,855	92,204	986,009	763,982
Residential Total	92,052	86,973	84,819	92,925	85,822	100,615	78,019	81,120	88,769	92,883	94,338	95,452	1,039,057	809,943
Trade Power Sales Total	444,020	435,952	407,640	431,101	422,908	437,311	389,945	384,481	425,518	424,647	438,308	427,425	5,091,681	3,781,643
Intercompany - CPUC Office	35,327	26,969	22,764	1,566	1,608	1,566	1,264	1,462	1,374	1,428	1,348	1,534	325,632	13,150
Intercompany - CPUC Power Operation	-	-	-	2,255	2,462	2,365	2,060	1,725	1,544	1,852	1,559	1,374	-	17,195
Intercompany - CPUC Water Operations	-	-	-	11,061	9,479	12,219	11,648	11,035	11,953	12,830	11,227	9,768	-	101,221
Intercompany - CPUC Sewer Operations	-	-	-	8,206	6,123	7,573	6,270	7,744	8,825	7,744	8,825	12,167	-	72,489
Cash Power Unearned	-338	8,169	-8,340	-10,575	-433	-1,628	6,224	-910	-9,410	-2,775	579	8,783	-9,596	-10,146
Total Power Sales - US\$	479,009	471,089	422,064	443,615	442,147	459,407	416,777	404,062	438,722	446,808	465,188	458,828	5,407,717	3,975,553
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	129,606	120,761	116,213	122,558	134,591	121,595	122,835	117,113	125,273	121,938	119,622	123,826	1,648,805	1,109,351
Government - Pre Paid (Cash Power)	62,785	69,290	67,480	57,092	78,991	51,887	63,900	71,170	82,743	65,477	84,880	38,357	737,415	594,498
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	42,282
Government Total	197,089	194,749	188,391	184,347	218,280	178,180	191,433	192,981	212,714	192,113	209,200	166,881	2,442,596	1,746,130
Commercial - Post Paid	386,789	391,644	360,437	396,695	391,336	390,672	375,069	368,695	434,428	429,926	438,350	436,251	4,146,250	3,661,420
Commercial - Pre Paid (Cashpower)	120,095	122,389	128,454	140,535	128,056	144,761	120,677	134,710	147,953	141,740	133,292	140,038	1,398,702	1,231,763
Commercial Total	506,885	514,033	488,891	537,230	519,392	535,433	495,746	503,405	582,381	571,666	571,641	576,289	5,544,952	4,893,183
Residential - Post Paid	8,622	8,302	13,432	13,837	14,048	10,833	11,822	13,855	12,015	12,001	13,839	10,019	114,588	112,270
Residential - Pre Paid (Cashpower)	191,478	184,679	180,929	202,369	188,084	222,894	176,196	192,045	219,258	224,264	218,436	223,958	2,100,803	1,867,504
Residential Total	200,100	192,981	194,361	216,206	202,132	233,727	188,019	205,901	231,273	236,265	232,275	233,977	2,215,391	1,979,774
Trade Power Sales Total	904,074	901,764	871,643	937,783	939,804	947,340	875,198	902,287	1,026,367	1,000,044	1,013,117	977,147	10,202,938	8,619,087
Intercompany - CPUC Office	72,066	56,126	48,776	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	3,162	651,629	29,549
Intercompany - CPUC Power Operation	-	-	-	4,903	5,363	5,177	4,623	4,075	3,725	4,313	3,607	3,133	-	38,919
Intercompany - CPUC Water Operations	-	-	-	24,051	20,652	26,744	26,145	26,069	28,837	29,887	25,971	22,277	-	230,633
Intercompany - CPUC Sewer Operations	-	-	-	17,844	13,339	16,575	12,653	14,812	18,682	20,557	28,145	22,678	-	165,285
Cash Power Unearned (accrual)	-323	15,529	-4,607	-4,855	-1,163	-4,095	11,165	-3,190	-25,164	-3,912	4,194	22,873	-9,717	-4,147
Total Power Sales - kWh	975,816	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,055,761	1,054,216	1,078,153	1,051,270	10,844,850	9,079,326

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

Water/Sewer Sales Report	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	YTD 2016
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	4,736	4,972	4,685	9,688	5,867	5,759	5,509	7,214	5,778	6,648	8,567	8,111	72,366	63,142
Commercial	3,371	3,568	3,340	6,456	5,364	9,624	4,882	5,956	4,489	7,524	7,458	8,031	52,489	59,784
Residential	7,566	5,602	8,158	14,120	7,484	7,847	9,770	8,242	10,533	11,039	8,269	8,858	115,704	86,162
Provision for Billing Errors	-1,191	-558	-288	-919	-396	-162	-223	-986	0	-160	0	-721	-14,583	-3,566
Total	14,482	13,585	15,895	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	24,280	225,977	205,521
Sewer Sales - US\$														
Government	-	-	-	4,800	2,909	2,857	2,731	3,574	2,762	3,240	4,174	3,949	-	30,996
Commercial	-	-	-	2,871	2,221	4,360	2,170	2,387	1,840	3,014	3,433	3,697	-	25,992
Commercial with No Water	-	-	-	4,048	3,819	3,254	3,355	3,355	3,394	3,394	3,345	3,345	-	31,308
Residential	-	-	-	1,456	639	641	1,638	392	794	1,019	672	749	-	8,000
Residential with No Water	-	-	-	2,060	2,000	2,010	1,950	1,900	1,820	1,740	1,690	1,720	-	16,890
Provision for Billing Errors	-	-	-	-106	-659	-46	-741	-460	-319	-486	0	-96	-	-2,912
Sewer Sales	10,064	9,987	10,069	15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	13,364	140,533	110,275
Total Water & Sewer Sales	24,546	23,572	25,965	44,474	29,248	36,144	31,040	31,573	31,091	36,974	37,606	37,644	366,510	315,796
Water Sales - Gallons														
Government	968,910	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	14,741,265	12,879,880
Commercial	725,700	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	11,251,173	12,508,225
Residential	2,426,586	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	39,880,995	29,931,356
Water Delivery & Bunkering	0	0	0	38,000	15,086	2,000	39,000	138,000	267,000	0	45,300	26,000	0	570,386
Total	4,121,196	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	65,873,433	55,889,847

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

	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	FY2015	YTD FY2016
1a. Non Revenue Power	18.2%	17.1%	17.0%	19.1%	17.4%	16.1%	18.4%	18.9%	16.3%	17.9%	16.1%	18.3%	18.9%	17.4%
Total Power Generated - kWh	1,114,323	1,176,756	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	13,380,232	9,722,781
Total Power Billed - kWh	911,924	975,816	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,055,761	1,054,216	1,078,153	10,844,850	8,028,056
Generation Loss (assumed 6%) - kWh	66,859	70,605	70,369	67,898	71,440	70,224	73,142	68,990	67,907	77,130	75,397	79,137	802,814	583,367
Distribution Loss Estimate - kWh	107,681	100,916	99,707	119,633	106,323	89,419	120,246	119,478	88,076	120,470	95,592	128,684	1,398,062	868,289
Commercial Loss (assumed 2.5%) - kWh	27,858	29,419	29,320	28,291	29,767	29,260	30,476	28,746	28,295	32,137	31,416	32,974	334,506	243,070
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	16,500
Total Loss - kWh	202,399	200,940	199,396	215,822	207,529	188,903	223,864	217,215	184,277	229,738	202,405	240,794	2,535,382	1,694,725
Distribution loss %	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.8%	10.4%	8.9%
1b. Non Revenue Water	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%	75.3%	68.2%
Water Produced (million gallons)	24.6	23.6	20.3	22.9	21.9	18.4	17.9	20.6	19.3	19.4	18.0	19.8	266.2	155.3
Water Billed (million gallons)	5.22	4.12	3.61	4.42	8.09	4.87	5.88	5.51	5.72	6.14	6.87	6.31	65.9	49.4
2. Current ratio	1.90	1.53	1.19	1.42	1.21	1.19	1.16	1.10	1.27	1.42	1.50	0.92	1.42	1.15
3. ROA (excludes other operating income/grant support)	-1.805%	-0.401%	0.530%	-1.508%	-0.009%	-0.004%	0.000%	-0.019%	0.012%	-0.023%	-0.073%	-0.024%	0.074	-0.023
4. Operating ratio	1.00	0.92	0.87	0.91	0.90	0.88	0.89	0.90	0.86	0.91	0.97	0.92	0.911	0.903

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY2015	YTD 2016
Generation Statistics														
Diesel Generation - kWh	1,152,570	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	13,092,590	10,741,180
Peak Generation - kW	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,505	2,250	2,290
Fuel Consumption - Gallons	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	92,892	92,635	891,055	761,783
Average Fuel Price (\$/Gallon)	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	2.70	3.37	24.09
Load Factor (%)	67%	66%	65%	66%	65%	68%	67%	66%	67%	68%	72%	65%	64%	103%
Capacity Factor (%)	40%	40%	39%	41%	41%	40%	39%	39%	43%	42%	41%	45%	40%	41%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	200%	300%	400%	100%	100%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	145%
Solar PV Generation - kWh	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	28,930	287,642	272,301
Solar Generation %	2.1%	2.6%	2.3%	2.8%	2.0%	2.1%	2.3%	2.7%	3.0%	2.7%	2.4%	2.2%	2.1%	2.5%
Peak PV Generation -kW	176	218	190	241	170	189	189	224	277	249	235	211	225	241
Avoided Fuel - Gallons	1,643	2,039	1,817	2,338	1,642	1,835	1,825	2,161	2,648	2,392	2,332	2,124	19,559	19,297
Avoided Cost of Fuel - US\$	5,339	6,279	5,343	6,758	4,828	5,249	4,835	5,834	6,171	5,908	5,946	5,735	65,680	51,263
Tons of CO ₂ avoided	16.6	20.6	18.4	23.6	16.6	18.5	18.4	21.8	26.7	24.2	23.6	21.5	197.5	194.9
Labour Productivity (kWh/Emp/d)	1,162	1,152	1,115	1,167	1,156	1,203	1,133	1,110	1,258	1,232	1,297	1,272	1,121	10,828
SFOC (kWh/gal)														
Unit 1 (Jan 2012)	14.69	14.73	14.33	14.65	14.76	14.62	14.95	14.90	14.72	14.55	14.55	14.39	14.75	14.65
Unit 2 (Jan 2012)	14.78	14.71	14.27	14.71	14.62	14.36	14.48	14.74	14.46	14.09	0.00	1.00	14.68	14.49
Unit 3 (Ex CAT 2)	13.03	13.02	0.00	0.00	0.00	10.60	12.50	-	13.14	13.64	12.97	12.86	12.72	12.89
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	14.40	13.12
SLOC (kWh/gal)														
Unit 1 (Jan 2012)	3,018.4	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	4,269	3,829
Unit 2 (Jan 2012)	5,211.9	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	4,255	2,596
Unit 3 (Ex CAT 2)	0.0	0.0	0.0	0.0	0.0	75.9	0.0	0.0	0.0	0.0	14,076.0	0.0	0	1,810
Unit 4 (Jul 13 - Singapore)	0.0	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	0	2,964
Forced Outage Factor (%)	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.34%	0.34%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	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 (%)	18.9%	19.1%	18.7%	24.1%	24.0%	23.8%	22.9%	22.8%	25.3%	24.6%	24.4%	26.4%	21.8%	24.1%
Distribution Losses (%)	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.8%	10.1%	12.6%	81.4%
SAIDI (hours/consumer)	0.31	0.65	0.14	0.66	0.86	1.44	1.24	0.50	0.10	0.00	0.27	1.05	11.60	6.12
SAIFI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.09	0.09
Average Cost (\$/kWh)	0.22	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.16	0.17	0.18	0.19	0.22	0.18

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	FY 2016 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	573,500	581,660	459,800	414,860	434,610	465,540	410,320	420,210	467,400	622,120	645,040	590,310	6,489,250	4,470,410
Unit 2 (Jan 2012)	573,310	535,340	477,630	424,340	424,640	396,380	400,580	411,090	514,930	440,900	0	0	6,339,820	3,012,860
Unit 3 (Ex CAT 2)	5,760	25,900	0	0	0	7,210	500	0	2,470	12,400	140,760	26,750	95,330	190,090
Unit 4 (Jul 13 - Singapore)	0	0	168,190	318,440	287,800	324,010	312,450	269,770	262,690	147,100	500,850	644,710	168,190	3,067,820
Diesel Generation Total (kWh)	1,152,570	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	13,092,590	10,741,180
Airport Solar Panel	7,348	7,135	6,856	9,064	8,396	7,927	7,723	8,145	9,316	8,112	6,995	6,110	84,370	71,788
High School Solar Grid Connect	16,838	22,780	19,158	23,956	14,955	17,966	18,264	22,568	28,693	25,989	25,302	22,820	203,272	200,513
Solar PV Generation Total (kWh)	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	28,930	287,642	272,301
Total Generation (kWh)	1,176,756	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	13,380,232	11,013,481
Maximum Demand (kW)	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,505	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	11,700
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	11,700
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	10,800
Unit 4 (Jul 13 - Singapore)	0	0	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	0	14,400
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	3,626	3,699	3,180	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	3,162	52,826	29,549
Running Hours														
Unit 1 (Jan 2012)	736	738	564	469	493	519	486	496	551	717	739	717	8,168	5,187
Unit 2 (Jan 2012)	738	708	608	486	494	479	489	492	611	550	0	0	8,151	3,600
Unit 3 (Ex CAT 2)	11	43	0	0	0	11	1	0	6	20	199	39	132	276
Unit 4 (Jul 13 - Singapore)	0	0	192	259	207	223	242	215	249	153	550	688	192	2,785
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,485	1,489	1,364	1,214	1,194	1,231	1,218	1,203	1,417	1,439	1,488	1,444	16,642	11,847

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	FY 2015	FY 2016 YTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	39,050	39,499	32,091	28,325	29,443	31,848	27,441	28,210	31,751	42,769	44,339	41,031	439,986	305,157
Unit 2 (Jan 2012)	38,792	36,396	33,464	28,848	29,047	27,609	27,661	27,889	35,619	31,293	0	0	431,893	207,967
Unit 3 (Ex CAT 2)	442	1,990	0	0	0	680	40	0	188	909	10,853	2,080	7,493	14,750
Unit 4 (Jul 13 - Singapore)	0	0	11,683	24,807	22,178	24,439	23,765	21,361	19,362	10,772	37,700	49,524	11,683	233,909
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	92,892	92,635	891,055	761,783
Average Fuel Price (\$/Gallon)	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	2.70	3.37	2.67
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	0	0	0	20	25	0	30	12	10	40	45	36	0	218
Unit 2 (Jan 2012)	15	10	0	15	70	95	40	60	63	58	0	0	65	401
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	10	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)	15	10	0	35	95	95	70	72	73	97	55	36	65	628
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	190	95	95	95	95	95	95	95	190	95	95	95	1,520	950
Unit 2 (Jan 2012)	95	190	95	95	95	95	95	95	190	95	0	0	1,425	760
Unit 3 (Ex CAT 2)	0	0	0	0	0	95	0	0	0	0	0	0	0	95
Unit 4 (Jul 13 - Singapore)	0	0	0	95	95	180	95	0	95	95	190	190	0	1,035
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	285	190	285	285	465	285	190	475	285	285	285	2,945	2,840

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	YTD 2015	YTD 2016
Number of Outages (Frequency)														
Forced - Generation	1	2	5	4	2	2	3	2	3	0	1	3	14	20
Planned - Generation	0	0	0	0	0	1	1	0	0	0	0	0	1	2
Total Number of Outages (Gen)	1	2	5	4	2	3	4	2	3	0	1	3	15	22
Forced - Distribution	9	10	20	16	12	11	19	13	23	0	5	21	115	120
Feeder 1	1	2	5	3	2	3	4	2	4	0	1	3	13	22
Feeder 2	2	2	5	4	2	2	3	2	4	0	1	4	30	22
Feeder 3	2	3	5	3	3	2	4	2	5	0	1	3	35	23
Feeder 4	4	3	5	3	5	2	3	5	4	0	1	5	37	28
Feeder 5				3	0	2	5	2	6	0	1	6		
Planned - Distribution	0	3	2	4	6	8	5	4	0	0	5	0	36	32
Feeder 1	0	0	0	2	0	1	1	0	0	0	1	0	3	5
Feeder 2	0	0	1	1	2	4	1	3	0	0	1	0	3	12
Feeder 3	0	3	1	0	0	1	1	0	0	0	1	0	14	3
Feeder 4	0	0	0	0	2	2	1	1	0	0	1	0	16	7
Feeder 5				1	2	0	1	0	0	0	1	0		
Total Number of Outages (Dist)	9	13	22	20	18	19	24	17	23	0	10	21	151	152

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

	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	YTD 2015	YTD 2016
Duration of Outages (Hrs)														
Forced - Generation	0.4	0.3	0.6	0.2	0.4	0.2	0.5	0.3	0.3	0.0	0.1	0.4	29.6	2.5
Planned - Generation	0.0	0.0	0.0	0.0	0.0	3.2	2.5	0.0	0.0	0.0	0.0	0.0	4.0	5.7
Total Duration Gen Outage (Hrs)	0.4	0.3	0.6	0.2	0.4	3.4	3.0	0.3	0.3	0.0	0.1	0.4	33.6	8.2
Forced - Distribution	8.4	2.1	0.6	1.0	3.8	1.5	12.5	3.5	2.8	0.0	0.7	21.0	226.7	46.8
Feeder 1				0.3	0.3	0.7	2.5	0.3	0.4	0.0	0.0	3.0		7.5
Feeder 2				0.2	0.3	0.2	2.5	0.3	0.4	0.0	0.0	4.0		7.9
Feeder 3				0.2	0.5	0.2	2.5	0.2	0.6	0.0	0.0	3.0		7.2
Feeder 4				0.2	2.8	0.2	2.5	2.5	0.8	0.0	0.6	5.0		14.5
Feeder 5				0.2	0.0	0.2	2.5	0.2	0.6	0.0	0.0	6.0		9.7
Planned - Distribution	0.0	15.7	3.4	16.9	19.7	37.7	21.2	10.0	0.0	0.0	6.7	7.5	89.1	119.6
Feeder 1				7.8	0.0	3.4	2.3	0.0	0.0	0.0	1.3	0.4		15.1
Feeder 2				2.1	9.2	20.7	0.8	7.5	0.0	0.0	1.3	1.0		42.5
Feeder 3				0.0	0.0	6.1	0.6	0.0	0.0	0.0	1.3	0.4		8.5
Feeder 4				0.0	7.8	4.1	0.6	2.5	0.0	0.0	1.5	4.3		20.8
Feeder 5				7.0	2.7	3.4	16.9	0.0	0.0	0.0	1.3	1.4		32.7
Total Duration Dist Outage (Hrs)	8.4	17.8	3.9	18.8	27.3	40.7	46.2	17.0	5.6	0.0	8.1	49.5	315.8	166.5

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

COMPANY WIDE DATA	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
Production (Gallons)												
WTP (production less storage difference)	1,292,500	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
Wells	22,318,000	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
	23,610,500	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
Volume Billed (Gallons)												
Commercial	725,700	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
Government (excludes hospital)	968,910	1,014,700	959,590	955,350	601,640	432,500	495,720	856,790	746,340	750,280	1,077,050	872,510
Government Hospital				1,005,500	600,800	742,600	628,800	617,000	441,900	610,200	662,300	782,600
Residential	2,426,586	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
Water Delivery and Bunkering				38,000	15,086	2,000	39,000	138,000	267,000	-	45,300	26,000
Total	4,121,196	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
NRW												
Volume	19,489,304	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
	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%	63.0%
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
Commercial	3,562	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
Government (includes hospital)	4,665	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
Residential	6,576	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
	14,803	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
Sewer Charges(USD)												
Commercial	1,396	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
Commercial - w/o water	4,130	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
Government	2,350	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
Residential	635	327	704	1,456	639	641	\$930.96	\$608.84	\$793.71	\$1,019.42	\$671.92	\$749.40
Residential w/o water	1,650	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
	10,161	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

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

COMPANY WIDE DATA	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
Water Connection Data (No. of Connections)												
Commercial - Billed	61	59	63	64	65	65	66	69	70	66	66	68
Commercial - Disconnected	5	8	8	6	5	2	3	2	3	4	4	5
Commercial - Awaiting Connection	3	3	3	3	3	3	3	3	2	2	2	2
Commercial Avge Consumption - Gall/conn/mth	11,897	12,868	11,547	21,142	17,352	30,687	15,584	18,487	13,844	23,620	23,461	24,295
Government - Billed	15	13	14	16	15	15	13	19	19	17	15	19
Government - Disconnected	1	3	2	2	2	1	1	2	2	2	2	2
Government - Awaiting Connection	0	0	0	0	0	0	-	-	-	-	-	-
Government Avge Consumption - Gall/conn/mth	64,594	78,054	68,542	59,709	40,109	28,833	38,132	45,094	39,281	44,134	71,803	45,922
Hospital - Billed				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
Residential - Billed	368	327	334	340	343	340	337	348	357	353	348	351
Residential - Disconnected	108	136	126	119	119	119	118	118	113	120	118	122
Residential - Awaiting Connection	39	49	62	63	61	64	65	62	59	60	65	70
Residential Avge Consumption - Gall/conn/mth	6,594	5,606	8,194	13,933	7,347	7,952	9,839	8,123	10,386	11,191	8,563	9,051
Sewer Connection Data (No. of Connections)												
Commercial Billed	23	29	31	24	23	30	25	35	39	37	38	38
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	9	7	8	11	10	10	13	18	18	16	14	18
Residential Billed	171	142	134	127	136	135	139	140	158	169	160	160
Residential Billed w/o water	159	151	144	198	193	177	195	190	183	173	169	172
SEWER OVERFLOWS												
North Zone	0	1	1	0	1	0	0	0	0	0	0	4
South Zone	1	3	1	1	0	0	1	0	0	0	0	1

Water Table 3 Zonal Water Use Statistics – FY2016

ZONAL NRW - June 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	340,659	375,230	-34,571	-10%	1	10,340,089	3,874,000	6,466,089	63%
2	11,965,500	3,948,582	8,016,918	67%	2	116,796,338	34,496,868	82,299,470	70%
3	1,489,772	171,090	1,318,682	89%	3	11,904,081	2,562,580	9,341,501	78%
4	695,900	101,720	594,180	85%	4	8,446,454	1,089,569	7,356,885	87%
5	0	14,860	-14,860	-	5	1,762,300	40,820	1,721,480	-
6	1,882,200	1,542,790	339,410	18%	6	18,288,049	11,460,310	6,827,739	37%
7	28,650	153,830	-125,180	-	7	304,284	246,930	57,354	-
8	1,180,445	201,830	978,615	83%	8	4,716,009	2,079,770	2,636,239	56%
Total	17,583,126	6,509,932	11,073,194	63%	Total	172,557,604	55,850,847	116,706,757	68%
ZONAL WATER CONSUMPTION - June 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	Avge Use -Gallons/ConnecUion				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	8,364	4,200	-	8,898	1	31,228	43,689	-	8,067
2	23,629	59,924	-	7,934	2	18,287	55,062	-	9,241
3	0	29,910	-	9,412	3	0	15,216	-	15,275
4	6,850	0	-	6,771	4	7,282	0	-	9,269
5	0	0	-	2,972	5	0	0	-	958
6	62,308	0	782,600	0	6	64,719	0	676,856	12,902
7	0	0	-	30,766	7	0	0	-	6,005
8	24,100	23,862	-	7,303	8	7,689	37,089	-	6,529
Total	24,295	45,922	782,600	9,051	Total	21,716	47,140	676,856	9,777

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

DEPARTMENT	June 2016								YEAR TO DATE - FY2016							
	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 June 2016

CPUC - MAJOR CAPEX PROJECTS SUMMARY - June 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 Vector 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				
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 35% 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;				
WENO POWER PLANT REHABILITATION PROJECT				
The contract performance bond established with the support of the Australian Government Export Finance Agency (EFIC) was put in place in mid May; The second progress payment against the contract was paid in June.				
Engine testing was undertaken in the first week in June - test results were within the specification provided at proposal stage - anticipated efficiency improvement of 7% is expected on the current engine set up;				
A local contractor PLEC was appointed to undertake the office refurbishment. They started on site during the first week in June - contract completion is end September 2016.				
Review of the civil design for foundations was undertaken in June - it is anticipated that this will be finalised in July. This covers all civil requirements.				

CAPEX Table 2 Capex Summary Sheet – End June 2016

Chuuk Public Utility Corporation Capex Summary Sheet as of June 30, 2016							
	A	B	C	D (B-C)	E (A-B)	F	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted (Funded Ops/Other Grants)	Cash Drawdown	Cash Balance
ADB Loan							
OCR	2,800,000	2,788,915	2,788,915	0	11,085	2,788,915	0
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	7,733,359	4,551,755	3,181,604	-43,359	5,440,000	888,245
Smoke Detection	60,000	55,314	55,314	0	4,686	60,000	4,686
Power Security grant D15AFF0020	470,000	384,031	384,031	0	85,969	384,400	369
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	424,740	237,209	187,531	101,060	234,450	-2,759
WWTP Phase 1 D14AF00042	955,000	906,883	906,883	0	48,117	909,000	2,117
WWTP Phase 2 D14AF00048	3,700,000	3,464,733	3,414,233	50,500	235,267	3,405,997	-8,236
FY 2016 Scratched Card - D16AF00017-00010	140,000	140,000	140,000	0	0	84,000	-56,000
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	26,889,896	25,327,546	21,890,911	3,436,635	462,350	22,673,458	828,423