

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

May 2016



Issued:

14 June 2016

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	May-16	YTD 2016	US\$/kWh Sold		US\$/kWh generated	
			May-16	YTD 2016	May-16	2016 YTD
		US\$				
Revenue	537,697	3,952,939	0.499	0.492	0.408	0.407
Variable Costs	265,398	1,449,990	0.246	0.181	0.201	0.149
Fixed Costs	228,553	1,147,244	0.212	0.143	0.173	0.118
Total Expenses	493,951	2,597,234	0.458	0.324	0.375	0.267
Operating result	43,746	1,355,706	0.041	0.169	0.033	0.139
	kWh	kWh				
Power generation	1,318,947	9,722,781				
Diesel	1,286,650	9,479,410				
Solar	32,297	243,371				
Solar PV as % of Total Generation	2.4%	2.5%				
Avoided Cost of Fuel - US\$	5,760	45,342				
Tons of CO2 Avoided	22.8	172.7				
					Sales	
Government Sales	209,200	1,579,249	Feeder	Conn's	May-16	2016 YTD
Commercial Sales	571,641	4,316,894	F1	277	214,309	1,749,439
Residential Sales	232,275	1,745,797	F2	92	25,743	193,650
Intercompany Sales	60,842	413,136	F3	461	363,958	2,655,467
Sales Accrual	4,194	-27,020	F4	759	421,760	3,022,528
Total Sales	1,078,153	8,028,056	F5	369	57,569	425,885
Power Loss	18.3%	17.4%	Total	1,958	1,083,338	8,046,969
Operating ratio	0.92	0.90	NB - Error on Total and Feeder sales YTD is <0.1% within limits;			
Water Produced - Gallons	19,772,548	155,280,009				
Water Sold - Gallons	6,312,966	49,379,915				
Non Revenue Water	68.1%	68.2%				

Daily generated output in May was 42,547 kWh/day; 1.6% higher than March. Average daily sales were 34,779 kWh/day; 1.0% lower than April. Total power loss increased from 15.6% to 18.3%. FY2016 loss to date is 17.4%.

Average fuel efficiency in May was marginally higher than April at 14.30 kWh/gallon.

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

Government – 19.7%; Commercial – 53.8%; Residential –21.7%; Intercompany 5.1%; Accrual -0.4%;

Solar PV generation in March was 32,297 kWh down slightly on April figures and accounted for 2.4% of total generation; the avoided cost of fuel in the month is US\$5,760 (US\$45,342 YTD); the amount of Carbon Dioxide avoided in the month was 22.8 tons (172.7 tons YTD).

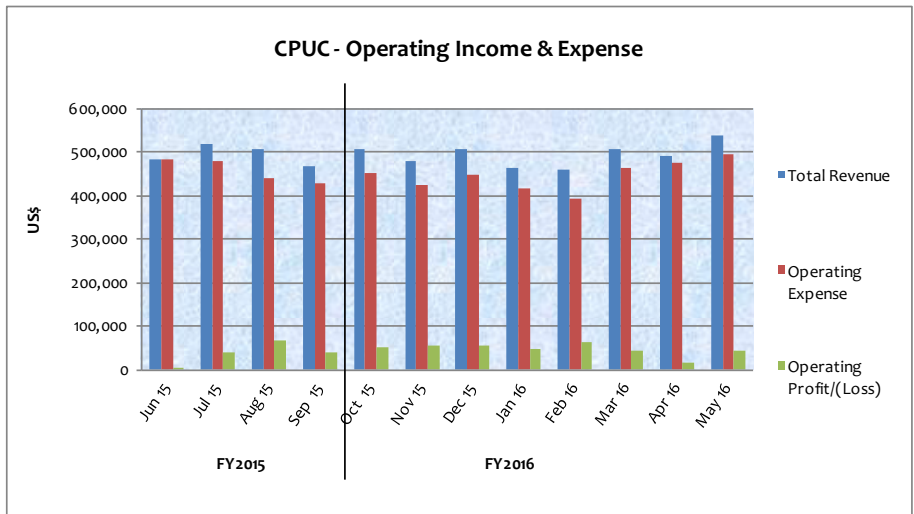
The overhaul of Unit #2 started in May – on dismantling of the engine, damage to a number of cylinders was noticed and additional materials had to be ordered and brought to Chuuk as a result Unit #2 was out of action all month. The overhaul should be completed by mid-June and then Unit #1 overhaul will commence.

Invoice for US\$104k was submitted to IOM for the first tranche of recovery work under the second phase contract – this was for work carried out in Sapuk and Mechitiw.

Orders were placed for a boom truck and a short wheel base bucket truck – delivery is anticipated in July.

Demolition of old store space at the power plant was completed in May and local contractors hired to undertake the refurbishment work. They will start on site in June 2016.

1 FINANCIAL PERFORMANCE GRAPHS

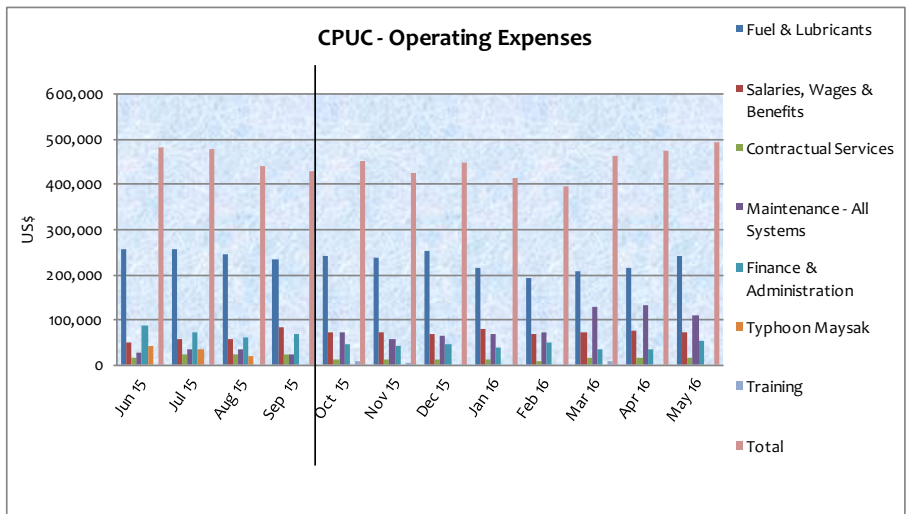


1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

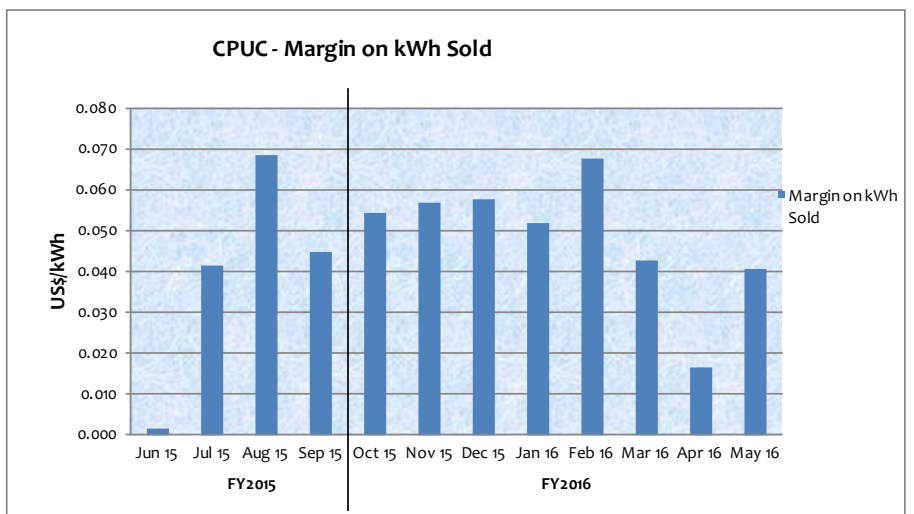
May 2016 US\$43,746;

Operating ratio: 0.92

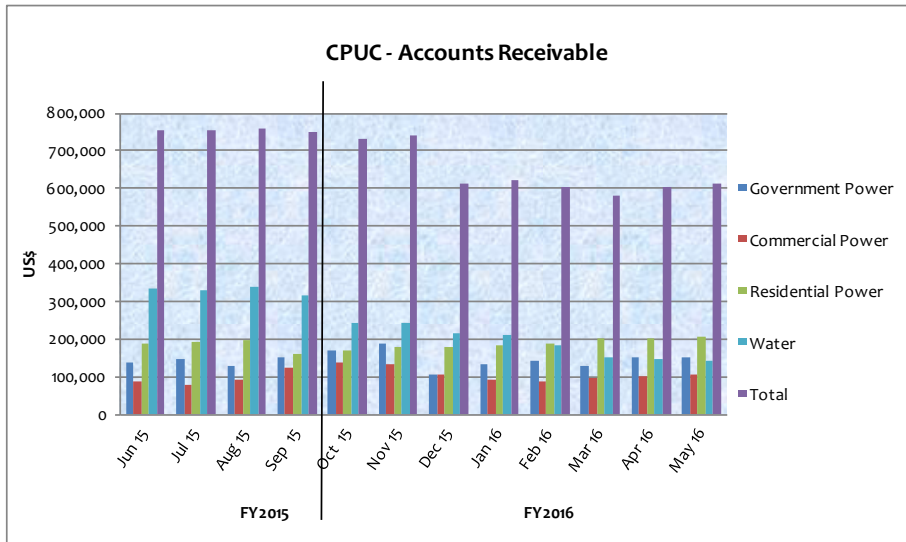


1.2 Key Points:

Price of Fuel in April: US\$2.55/gallon;

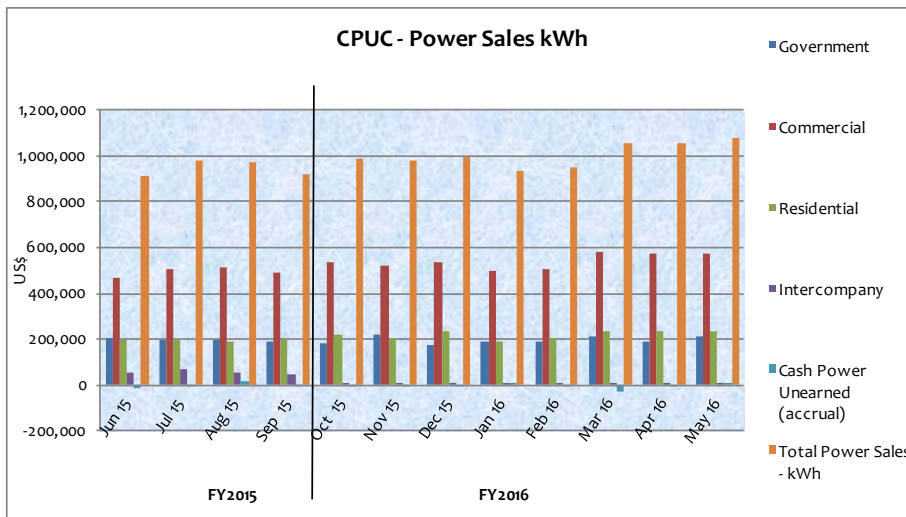


1.3 Key Points:

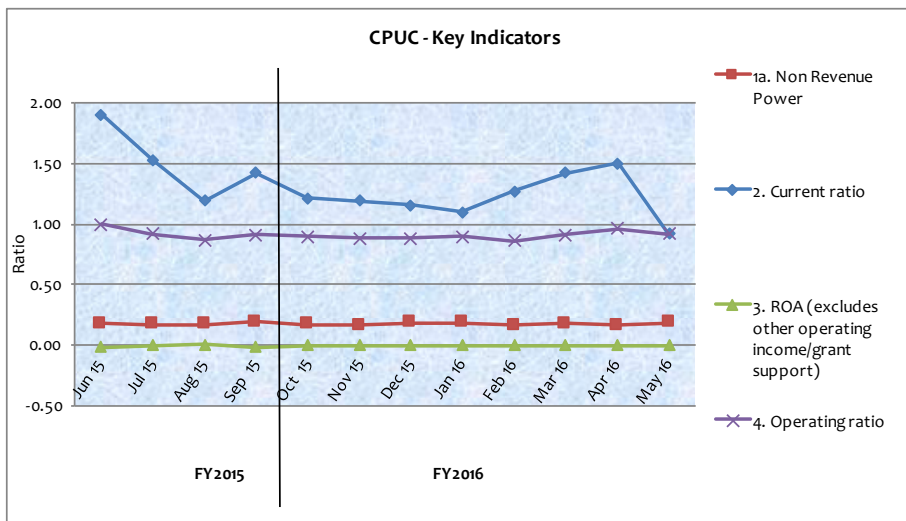


1.4 Key Points:

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;

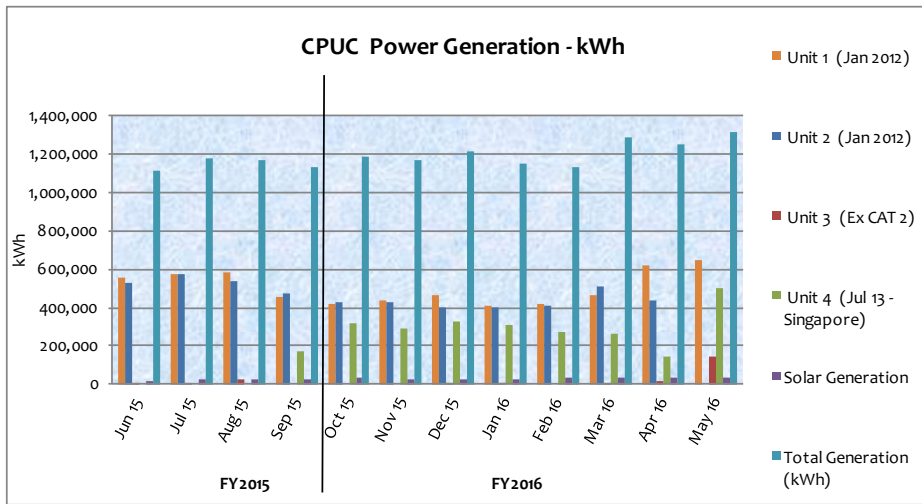


1.5 Key Points:

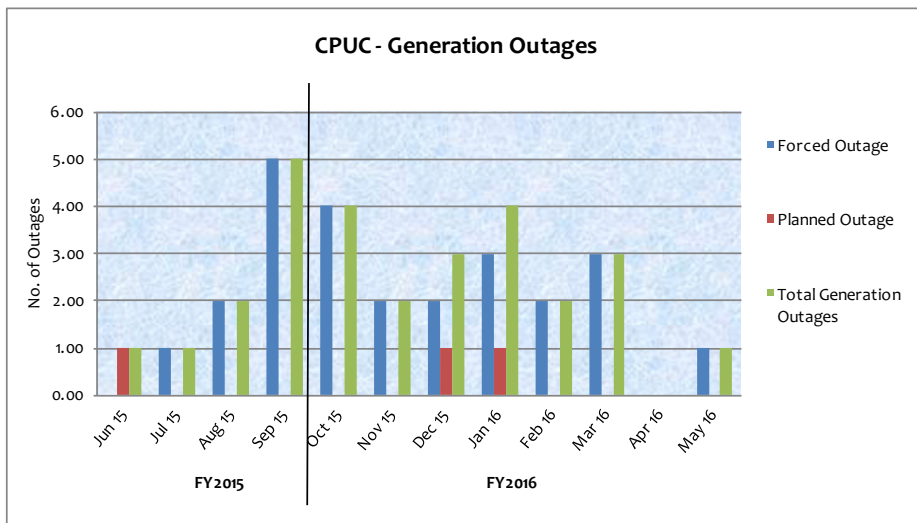


1.6 Key Points:

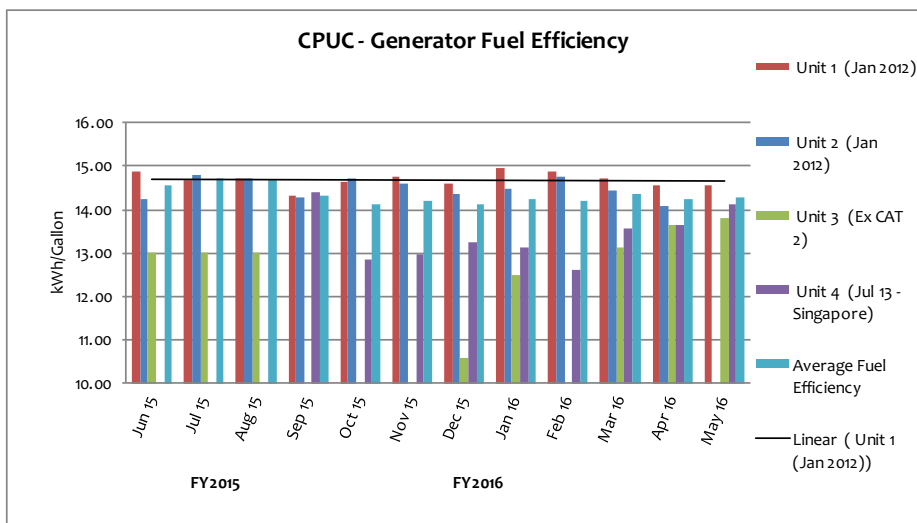
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



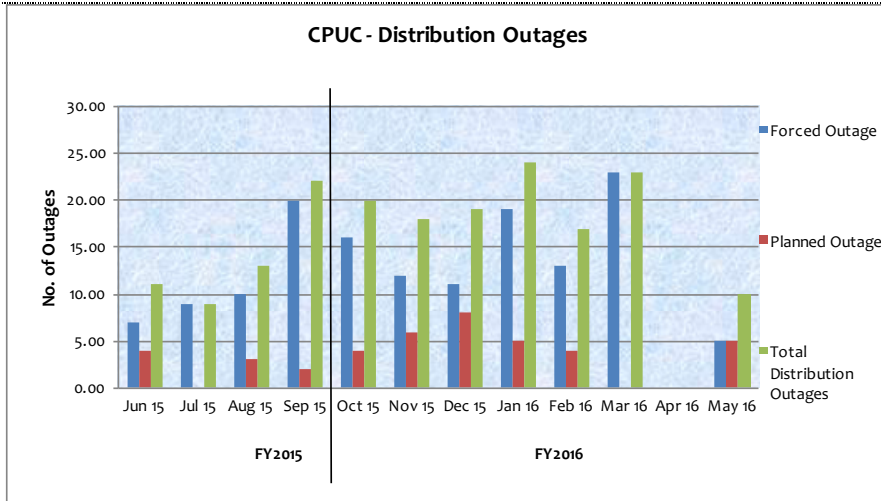
2.2 Key Points:



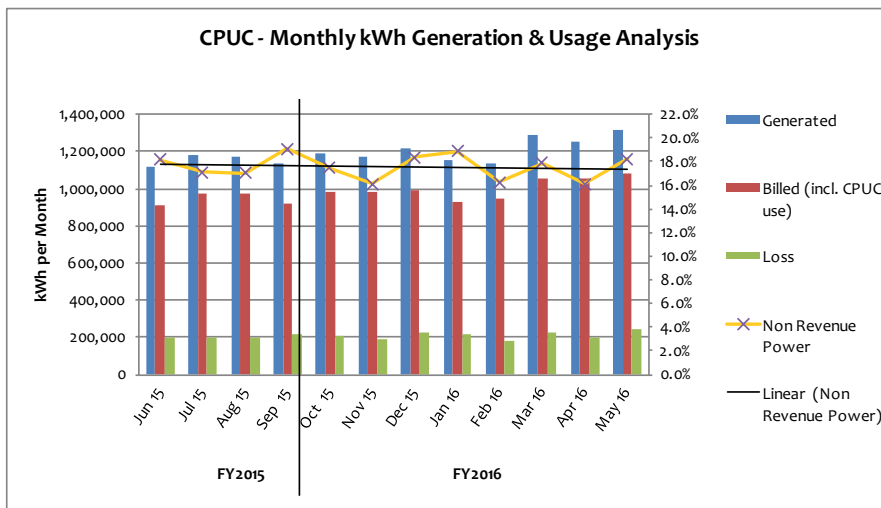
2.3 Key Points:

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

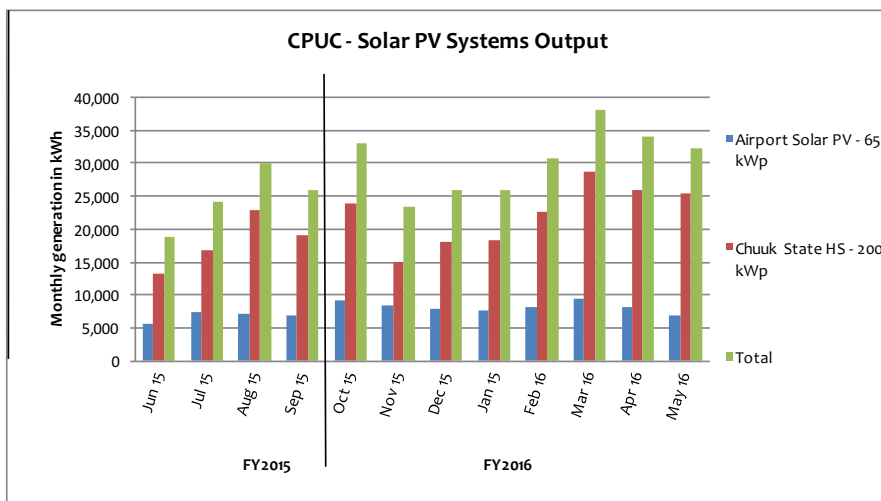
Lower efficiency of unit 4 contributing to avge. Eff. decrease with increasing load.



2.4 Key Points



2.5 Key Points:



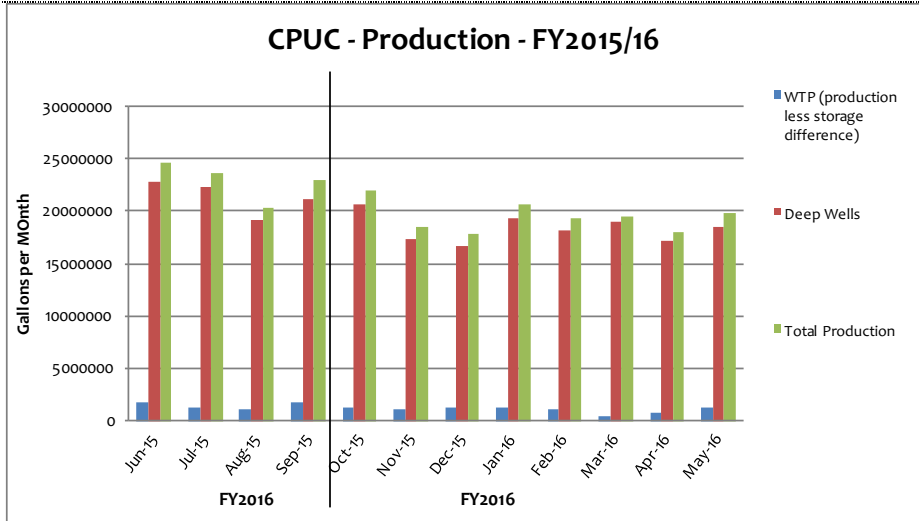
2.6 Key Points:

Solar PV accounted for 2.4% of CPUC generation in May 16 (YTD 2.5%);

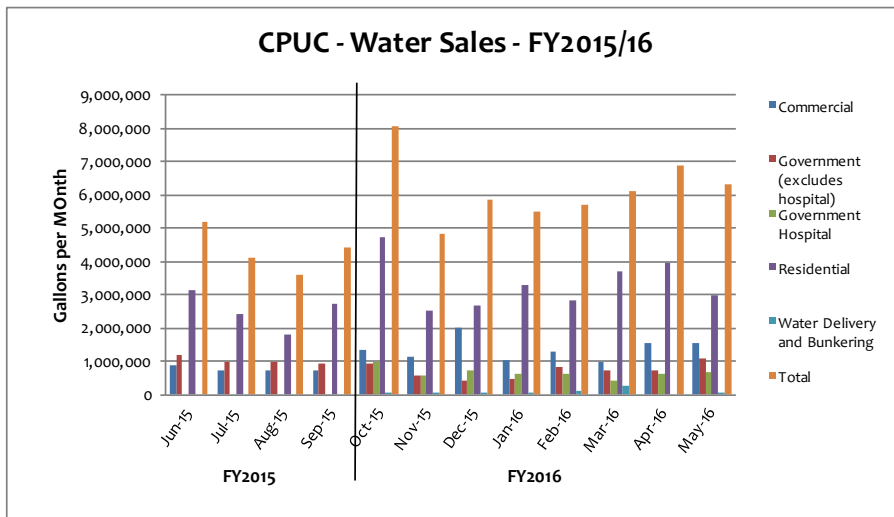
Avoided cost of fuel was:

US\$5,760;
(US\$45,342 YTD)

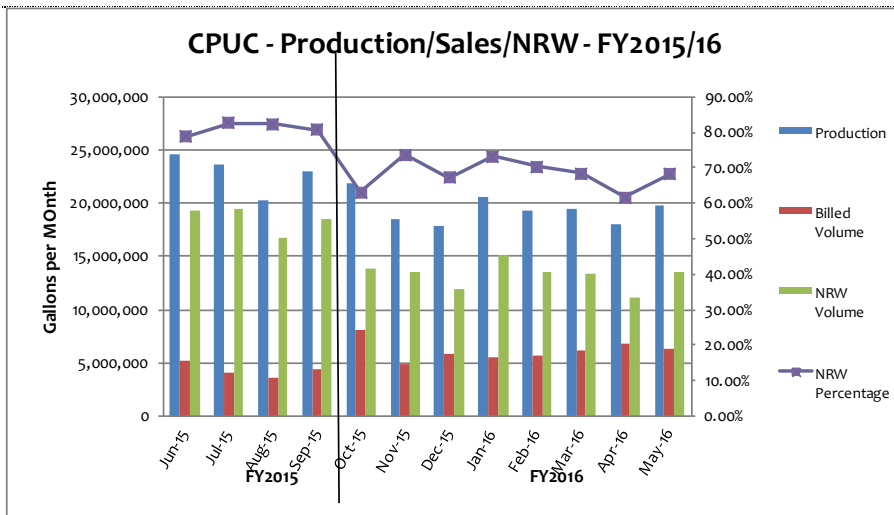
3 WATER PERFORMANCE GRAPHS



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



Key Points:



Key Points:

Financial Table1 P & L Statement – June 2015 to May 2016

Revenue - US\$	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	FY 2015	FY 2016 YTD
Operating revenue:														
a. Power Sales	419,322	443,682	444,120	399,300	443,615	442,147	459,407	416,777	405,883	438,722	446,808	465,188	5,082,085	3,518,546
b. Water Sales	27,965	24,546	23,572	25,965	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	366,510	181,241
c. Sewer Sales						15,129	10,929	13,076	11,103	10,291	11,922	13,313		96,911
d. I/company Power Sales (in Power Sales from Oct 15)	26,032	35,327	26,969	22,764	-	-	-	-	-	-	-	-	325,632	0
d.Other operating revenue	9,575	14,794	12,828	21,713	18,388	8,747	10,308	16,437	20,671	38,634	8,154	34,902	270,931	156,241
Revenue - Total	482,895	518,349	507,489	469,742	506,477	480,143	505,860	464,254	458,127	508,447	491,935	537,697	6,045,158	3,952,939
Expenses - US\$														
Fuel & Lubricants	254,925	255,263	244,584	232,533	241,803	236,880	252,887	213,491	192,177	206,275	213,943	242,003	3,044,499	1,799,459
Salaries, Wages & Benefits	51,540	57,528	58,588	84,308	74,375	73,686	67,242	81,706	69,513	74,336	75,794	72,072	694,839	588,724
Contractual Services	17,207	25,237	21,955	22,086	12,562	11,908	13,824	13,830	9,533	14,633	17,578	15,500	234,696	109,368
Typhoon Maysak Expenses	43,301	35,554	20,003	0	0	0	0	0	0	0	0	0	254,036	0
O&M - Power Generation	2,640	20,111	21,303	9,990	20,217	20,814	6,688	7,737	31,693	43,656	71,121	62,028	247,449	263,953
O&M - Power Distribution	9,765	734	1,553	635	6,016	6,646	16,453	18,917	8,431	17,486	14,144	2,585	36,504	90,677
O&M - Water	4,263	4,636	3,091	1,753	13,837	12,339	14,396	14,808	17,206	39,313	23,496	21,381	33,129	156,776
O&M - Sewer	-	-	-	-	10,982	6,123	8,058	7,267	6,499	11,339	8,825	12,505		71,598
Finance & Administration Overheads	62,497	33,868	32,829	44,515	44,579	43,045	48,065	39,127	49,753	33,698	36,115	53,901	523,013	348,283
Vehicle & Eq. Fuel	9,486	7,650	9,291	9,494	21,851	12,845	21,066	19,087	9,368	15,650	13,733	11,975	102,954	125,575
CPUC Power Usage (incl. in O&M from Oct 15)	26,032	35,327	26,969	22,764	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	0	1,998	892	741	0	0	0	0	0	0	0	0	3,631	0
Training	0	0	0	0	7,102	141	0	0	0	7,232	0	0	0	14,475
Expense - Total	481,656	477,907	441,056	428,816	453,323	424,427	448,677	415,970	394,173	463,619	474,748	493,951	5,504,274	3,568,888
Operating Income/(Loss)	1,239	40,442	66,432	40,925	53,154	55,716	57,182	48,284	63,954	44,828	17,187	43,746	540,884	384,051
Non-Cash Expenses - US\$														
Depreciation	41,364	41,364	41,364	73,215	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	280,034	379,957
Interest Expense	10,266	10,266	10,266	10,266	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	61,598	83,045
Non-Cash Expense - Total - US\$	51,630	51,630	51,630	83,482	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	341,632	463,002
Net Income/(Loss) - excluding grant support - US\$	-50,391	-11,188	14,802	-42,557	-4,721	-2,159	-693	-9,592	6,079	-13,047	-40,689	-14,129	199,252	-78,951
Non-operating Income (Grant Support) - US\$	1,340,403	100,003	10	1,329,107	5	10	9	2	42,615	36	157	5	4,960,627	42,838
Net Income/(Loss) - including grant support - US\$	1,290,011	88,815	14,812	1,286,551	-4,717	-2,150	-684	-9,590	48,694	-13,011	-40,532	-14,124	5,159,878	-36,113

Financial Table 2 Cash Flow and A/R Report – June 2015 to May 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	FY 2015	YTD FY2016
Cash Flow Report - US\$														
Receipts	1,799,036	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	9,617,051	8,196,242
Disbursements	844,480	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	9,111,033	7,371,524
Net receipts/Disbursements	954,556	-745,242	-422,304	287,100	-199,876	-55,161	-79,319	-119,403	651,064	2,691,982	182,234	-2,246,803	506,018	824,718
Cash balance (beginning)	945,641	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	513,733	1,019,751
Cash balance (end)	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	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)	1,898,803	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	1,018,357	1,843,075
Stocks	1,310,859	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	1,180,345	1,369,145
Trade Receivable	425,776	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	423,882	458,402
Other Accounts Receivable (Due From)	1,071,822	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	1,891,427	1,034,026
Loans Payable	4,774,531	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	4,827,920	4,678,738	4,827,920
Payables to Suppliers & creditors	1,912,399	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	3,986,293	2,645,331	3,986,293
Total Accounts Receivable (to date) - US\$														
Government Power	139,090	149,589	129,416	150,219	172,357	186,584	108,529	134,897	142,271	128,921	150,509	151,591	151,180	151,591
Commercial Power	90,606	80,833	93,640	122,992	140,179	131,933	106,292	95,297	86,720	98,324	101,591	106,705	88,073	106,705
Residential Power	190,153	193,665	196,358	162,187	171,536	178,582	180,865	184,460	187,587	201,722	204,364	208,539	184,404	208,539
Water	333,557	332,171	338,288	316,114	245,746	243,101	215,951	209,690	185,167	152,422	149,696	145,446	332,698	145,446
Sewer	-	-	-	-	95,271	100,972	106,769	115,942	127,090	137,381	144,508	157,821	-	157,821
Allowance for Doubtful	-327,630	-327,630	-327,630	-327,630	-327,241	-325,645	-323,698	-316,495	-316,495	-316,495	-311,700	-311,700	-327,630	-311,700
Total	425,776	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	428,724	458,402

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

Power Sales Report	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	FY 2015	YTD 2016
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	66,548	66,117	61,105	56,581	58,819	59,435	58,401	56,990	52,208	54,406	54,139	54,197	850,363	448,597
Government - Pre Paid (Cash Power)	36,855	32,033	34,680	32,842	27,398	37,837	24,745	29,746	31,550	35,951	29,019	38,391	383,753	254,637
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	20,768
Solar	2,876	2,876	2,876	2,876	2,661	2,661	2,661	2,855	2,855	2,855	3,750	3,750	34,515	24,047
Government Total	108,876	103,623	101,257	94,896	91,474	102,529	88,403	92,187	89,209	95,808	89,504	98,934	1,299,784	748,049
Commercial - Post Paid	172,366	189,475	188,914	167,976	182,069	175,780	182,152	165,977	157,130	179,614	182,275	187,413	2,055,368	1,412,411
Commercial - Pre Paid (Cashpower)	57,074	58,871	58,808	59,949	64,632	58,778	66,141	53,762	57,023	61,326	59,985	57,622	697,472	479,269
Commercial Total	229,440	248,346	247,722	227,925	246,701	234,558	248,293	219,739	214,153	240,941	242,260	245,035	2,752,841	1,891,680
Residential - Post Paid	4,795	3,953	3,793	5,825	5,947	5,152	5,484	4,827	5,607	4,486	4,725	6,483	53,049	42,712
Residential - Pre Paid (Cashpower)	83,895	88,099	83,180	78,994	86,978	80,669	95,131	73,192	75,512	84,283	88,158	87,855	986,009	671,778
Residential Total	88,690	92,052	86,973	84,819	92,925	85,822	100,615	78,019	81,120	88,769	92,883	94,338	1,039,057	714,490
Trade Power Sales Total	427,006	444,020	435,952	407,640	431,101	422,908	437,311	389,945	384,481	425,518	424,647	438,308	5,091,681	3,354,219
Intercompany - CPUC Office	26,032	35,327	26,969	22,764	1,566	1,608	1,566	1,264	1,462	1,374	1,428	1,348	325,632	11,616
Intercompany - CPUC Power Operation	-	-	-	-	2,255	2,462	2,365	2,060	1,725	1,544	1,852	1,559	-	15,821
Intercompany - CPUC Water Operations	-	-	-	-	11,061	9,479	12,219	11,648	11,035	11,953	12,830	11,227	-	91,453
Intercompany - CPUC Sewer Operations	-	-	-	-	8,206	6,123	7,573	5,637	6,270	7,744	8,825	12,167	-	62,545
Cash Power Unearned	-7,684	-338	8,169	-8,340	-10,575	-433	-1,628	6,224	-910	-9,410	-2,775	579	-9,596	-18,929
Total Power Sales - US\$	445,355	479,009	471,089	422,064	443,615	442,147	459,407	416,777	404,062	438,722	446,808	465,188	5,407,717	3,516,725
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	131,250	129,606	120,761	116,213	122,558	134,591	121,595	122,835	117,113	125,273	121,938	119,622	1,648,805	985,525
Government - Pre Paid (Cash Power)	72,563	62,785	69,290	67,480	57,092	78,991	51,887	63,900	71,170	82,743	65,477	84,880	737,415	556,140
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	37,584
Government Total	208,511	197,089	194,749	188,391	184,347	218,280	178,180	191,433	192,981	212,714	192,113	209,200	2,442,596	1,579,249
Commercial - Post Paid	353,810	386,789	391,644	360,437	396,695	391,336	390,672	375,069	368,695	434,428	429,926	438,350	4,146,250	3,225,169
Commercial - Pre Paid (Cashpower)	116,978	120,095	122,389	128,454	140,535	128,056	144,761	120,677	134,710	147,953	141,740	133,292	1,398,702	1,091,725
Commercial Total	470,788	506,885	514,033	488,891	537,230	519,392	535,433	495,746	503,405	582,381	571,666	571,641	5,544,952	4,316,894
Residential - Post Paid	10,937	8,622	8,302	13,432	13,837	14,048	10,833	11,822	13,855	12,015	12,001	13,839	114,588	102,251
Residential - Pre Paid (Cashpower)	183,258	191,478	184,679	180,929	202,369	188,084	222,894	176,196	192,045	219,258	224,264	218,436	2,100,803	1,643,546
Residential Total	194,195	200,100	192,981	194,361	216,206	202,132	233,727	188,019	205,901	231,273	236,265	232,275	2,215,391	1,745,797
Trade Power Sales Total	873,494	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	10,202,938	7,641,940
Intercompany - CPUC Office	53,356	72,066	56,126	48,776	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	651,629	26,387
Intercompany - CPUC Power Operation	-	-	-	-	4,903	5,363	5,177	4,623	4,075	3,725	4,313	3,607	-	35,786
Intercompany - CPUC Water Operations	-	-	-	-	24,051	20,652	26,744	26,145	26,069	28,837	29,887	25,971	-	208,356
Intercompany - CPUC Sewer Operations	-	-	-	-	17,844	13,339	16,575	12,653	14,812	18,682	20,557	28,145	-	142,607
Cash Power Unearned (accrual)	-14,925	-323	15,529	-4,607	-4,855	-1,163	-4,095	11,165	-3,190	-25,164	-3,912	4,194	-9,717	-27,020
Total Power Sales - 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

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

Water/Sewer Sales Report	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	FY 2015	YTD 2016
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	5,852	4,736	4,972	4,685	9,688	5,867	5,759	5,509	7,214	5,778	6,648	8,567	72,366	55,031
Commercial	4,067	3,371	3,568	3,340	6,456	5,364	9,624	4,882	5,956	4,489	7,524	7,458	52,489	51,753
Residential	8,309	7,566	5,602	8,158	14,120	7,484	7,847	9,770	8,242	10,533	11,039	8,269	115,704	77,304
Provision for Billing Errors	-1,374	-1,191	-558	-288	-919	-396	-162	-223	-986	0	-160	0	-14,583	-2,846
Total	16,853	14,482	13,585	15,895	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	225,977	181,241
Sewer Sales - US\$														
Government	-	-	-	-	4,800	2,909	2,857	2,731	3,574	2,762	3,240	4,174	-	27,048
Commercial	-	-	-	-	2,871	2,221	4,360	2,170	2,387	1,840	3,014	3,433	-	22,295
Commercial with No Water	-	-	-	-	4,048	3,819	3,254	3,355	3,355	3,394	3,394	3,345	-	27,963
Residential	-	-	-	-	1,456	639	641	1,638	392	794	1,019	672	-	7,251
Residential with No Water	-	-	-	-	2,060	2,000	2,010	1,950	1,900	1,820	1,740	1,690	-	15,170
Provision for Billing Errors	-	-	-	-	-106	-659	-46	-741	-460	-319	-486	0	-	-2,816
Sewer Sales	11,113	10,064	9,987	10,069	15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	140,533	96,911
Total Water & Sewer Sales	27,965	24,546	23,572	25,965	44,474	29,248	36,144	31,040	31,573	31,091	36,974	37,606	366,510	278,152
Water Sales - Gallons														
Government	1,187,650	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	14,741,265	11,224,770
Commercial	864,180	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	11,251,173	10,856,135
Residential	3,167,270	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	39,880,995	26,754,624
Water Delivery & Bunkering	0	0	0	0	38,000	15,086	2,000	39,000	138,000	267,000	0	45,300	0	544,386
Total	5,219,100	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	65,873,433	49,379,915

Financial Table 5 Key Performance Indicators – June 2015 to May 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 – June 2015 to May 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 2016
Generation Statistics														
Diesel Generation - kWh	1,095,480	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	13,092,590	9,479,410
Peak Generation - kW	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,250	2,290
Fuel Consumption - Gallons	75,292	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	89,981	891,055	666,237
Average Fuel Price (\$/Gallon)	3.26	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	3.37	21.39
Load Factor (%)	63%	67%	66%	65%	66%	65%	68%	67%	66%	67%	68%	72%	64%	91%
Capacity Factor (%)	40%	40%	40%	39%	41%	41%	40%	39%	39%	43%	42%	41%	40%	41%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	200%	300%	100%	100%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	145%
Solar PV Generation - kWh	18,843	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	287,642	243,371
Solar Generation %	1.7%	2.1%	2.6%	2.3%	2.8%	2.0%	2.1%	2.3%	2.7%	3.0%	2.7%	2.4%	2.1%	2.5%
Peak PV Generation -kW	137	176	218	190	241	170	189	189	224	277	249	235	225	241
Avoided Fuel - Gallons	1,295	1,643	2,039	1,817	2,338	1,642	1,835	1,825	2,161	2,648	2,392	2,259	19,559	17,100
Avoided Cost of Fuel - US\$	4,222	5,339	6,279	5,343	6,758	4,828	5,249	4,835	5,834	6,171	5,908	5,760	65,680	45,342
Tons of CO2 avoided	13.1	16.6	20.6	18.4	23.6	16.6	18.5	18.4	21.8	26.7	24.2	22.8	197.5	172.7
Labour Productivity (kWh/Emp/d)	1,104	1,162	1,152	1,115	1,167	1,156	1,203	1,133	1,110	1,258	1,232	1,297	1,121	9,556
SFOC (kWh/gal)														
Unit 1 (Jan 2012)	14.86	14.69	14.73	14.33	14.65	14.76	14.62	14.95	14.90	14.72	14.55	14.55	14.75	14.69
Unit 2 (Jan 2012)	14.26	14.78	14.71	14.27	14.71	14.62	14.36	14.48	14.74	14.46	14.09	0.00	14.68	14.49
Unit 3 (Ex CAT 2)	13.01	13.03	13.02	0.00	0.00	0.00	10.60	12.50	-	13.14	13.64	13.80	12.72	13.59
Unit 4 (Jul 13 - Singapore)	-	-	-	14.40	12.84	12.98	13.26	13.15	12.63	13.57	13.66	14.13	14.40	13.30
SLOC (kWh/gal)														
Unit 1 (Jan 2012)	5,896.5	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	4,269	3,743
Unit 2 (Jan 2012)	5,029.5	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	4,255	2,596
Unit 3 (Ex CAT 2)	0.0	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	1,556
Unit 4 (Jul 13 - Singapore)	0.0	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	0	2,868
Forced Outage Factor (%)	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.34%	0.28%
Planned Outage Factor (%)	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	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 (%)	19.0%	18.9%	19.1%	18.7%	24.1%	24.0%	23.8%	22.9%	22.8%	25.3%	24.6%	24.4%	21.8%	24.1%
Distribution Losses (%)	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.8%	12.6%	71.3%
SAIDI (hours/consumer)	0.28	0.31	0.65	0.14	0.66	0.86	1.44	1.24	0.50	0.10	0.00	0.27	11.60	5.07
SAIFI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.09	0.08
Average Cost (\$/kWh)	0.22	0.22	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.16	0.17	0.17	0.22	0.18

Power Table 2 Power Generation Statistics – June 2015 to May 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	FY 2015	FY 2016 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	560,170	573,500	581,660	459,800	414,860	434,610	465,540	410,320	420,210	467,400	622,120	645,040	6,489,250	3,880,100
Unit 2 (Jan 2012)	528,100	573,310	535,340	477,630	424,340	424,640	396,380	400,580	411,090	514,930	440,900	0	6,339,820	3,012,860
Unit 3 (Ex CAT 2)	7,210	5,760	25,900	0	0	0	7,210	500	0	2,470	12,400	140,760	95,330	163,340
Unit 4 (Jul 13 - Singapore)	0	0	0	168,190	318,440	287,800	324,010	312,450	269,770	262,690	147,100	500,850	168,190	2,423,110
Diesel Generation Total (kWh)	1,095,480	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	13,092,590	9,479,410
Airport Solar Panel	5,681	7,348	7,135	6,856	9,064	8,396	7,927	7,723	8,145	9,316	8,112	6,995	84,370	65,678
High School Solar Grid Connect	13,162	16,838	22,780	19,158	23,956	14,955	17,966	18,264	22,568	28,693	25,989	25,302	203,272	177,693
Solar PV Generation Total (kWh)	18,843	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	287,642	243,371
Total Generation (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
Maximum Demand (kW)	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	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	9,100
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	10,400
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	9,600
Unit 4 (Jul 13 - Singapore)	0	0	0	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	0	12,800
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	3,324	3,626	3,699	3,180	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	52,826	26,387
Running Hours														
Unit 1 (Jan 2012)	706	736	738	564	469	493	519	486	496	551	717	739	8,168	4,470
Unit 2 (Jan 2012)	712	738	708	608	486	494	479	489	492	611	550	0	8,151	3,600
Unit 3 (Ex CAT 2)	12	11	43	0	0	0	11	1	0	6	20	199	132	237
Unit 4 (Jul 13 - Singapore)	0	0	0	192	259	207	223	242	215	249	153	550	192	2,098
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,430	1,485	1,489	1,364	1,214	1,194	1,231	1,218	1,203	1,417	1,439	1,488	16,642	10,403

Power Table 3 Fuel & Lube Oil Statistics – June 2015 to May 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	FY 2015	FY 2016 YTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	37,700	39,050	39,499	32,091	28,325	29,443	31,848	27,441	28,210	31,751	42,769	44,339	439,986	264,126
Unit 2 (Jan 2012)	37,038	38,792	36,396	33,464	28,848	29,047	27,609	27,661	27,889	35,619	31,293	0	431,893	207,967
Unit 3 (Ex CAT 2)	554	442	1,990	0	0	0	680	40	0	188	909	10,203	7,493	12,020
Unit 4 (Jul 13 - Singapore)	0	0	0	11,683	24,807	22,178	24,439	23,765	21,361	19,362	10,772	35,439	11,683	182,123
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	75,292	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	89,981	891,055	666,237
Average Fuel Price (\$/Gallon)	3.26	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	3.37	2.67
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	0	0	0	0	20	25	0	30	12	10	40	45	0	182
Unit 2 (Jan 2012)	10	15	10	0	15	70	95	40	60	63	58	0	65	401
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	0	10	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	15	10	0	35	95	95	70	72	73	97	55	65	592
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	95	190	95	95	95	95	95	95	95	190	95	95	1,520	855
Unit 2 (Jan 2012)	95	95	190	95	95	95	95	95	95	190	95	0	1,425	760
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	95	0	0	0	0	0	0	95
Unit 4 (Jul 13 - Singapore)	0	0	0	0	95	95	180	95	0	95	95	190	0	845
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	190	285	285	190	285	285	465	285	190	475	285	285	2,945	2,555

Power Table 4 Power Distribution Statistics – June 2015 to May 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	YTD 2015	YTD 2016
Number of Outages (Frequency)														
Forced - Generation	0	1	2	5	4	2	2	3	2	3	0	1	14	17
Planned - Generation	1	0	0	0	0	0	1	1	0	0	0	0	1	2
Total Number of Outages (Gen)	1	1	2	5	4	2	3	4	2	3	0	1	15	19
Forced - Distribution	7	9	10	20	16	12	11	19	13	23	0	5	115	99
Feeder 1	1	1	2	5	3	2	3	4	2	4	0	1	13	19
Feeder 2	3	2	2	5	4	2	2	3	2	4	0	1	30	18
Feeder 3	1	2	3	5	3	3	2	4	2	5	0	1	35	20
Feeder 4	2	4	3	5	3	5	2	3	5	4	0	1	37	23
Feeder 5					3	0	2	5	2	6	0	1		
Planned - Distribution	4	0	3	2	4	6	8	5	4	0	0	5	36	32
Feeder 1	1	0	0	0	2	0	1	1	0	0	0	1	3	5
Feeder 2	1	0	0	1	1	2	4	1	3	0	0	1	3	12
Feeder 3	1	0	3	1	0	0	1	1	0	0	0	1	14	3
Feeder 4	1	0	0	0	0	2	2	1	1	0	0	1	16	7
Feeder 5					1	2	0	1	0	0	0	1		
Total Number of Outages (Dist)	11	9	13	22	20	18	19	24	17	23	0	10	151	131

Power Table 5 Power Outage Statistics – June 2015 to May 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	YTD 2015	YTD 2016
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.4	0.3	0.6	0.2	0.4	0.2	0.5	0.3	0.3	0.0	0.1	29.6	2.1
Planned - Generation	4.0	0.0	0.0	0.0	0.0	0.0	3.2	2.5	0.0	0.0	0.0	0.0	4.0	5.7
Total Duration Gen Outage (Hrs)	4.0	0.4	0.3	0.6	0.2	0.4	3.4	3.0	0.3	0.3	0.0	0.1	33.6	7.8
Forced - Distribution	4.0	8.4	2.1	0.6	1.0	3.8	1.5	12.5	3.5	2.8	0.0	0.7	226.7	25.8
Feeder 1					0.3	0.3	0.7	2.5	0.3	0.4	0.0	0.0		4.5
Feeder 2					0.2	0.3	0.2	2.5	0.3	0.4	0.0	0.0		3.9
Feeder 3					0.2	0.5	0.2	2.5	0.2	0.6	0.0	0.0		4.2
Feeder 4					0.2	2.8	0.2	2.5	2.5	0.8	0.0	0.6		9.5
Feeder 5					0.2	0.0	0.2	2.5	0.2	0.6	0.0	0.0		3.7
Planned - Distribution	3.7	0.0	15.7	3.4	16.9	19.7	37.7	21.2	10.0	0.0	0.0	6.7	89.1	112.1
Feeder 1					7.8	0.0	3.4	2.3	0.0	0.0	0.0	1.3		14.7
Feeder 2					2.1	9.2	20.7	0.8	7.5	0.0	0.0	1.3		41.5
Feeder 3					0.0	0.0	6.1	0.6	0.0	0.0	0.0	1.3		8.1
Feeder 4					0.0	7.8	4.1	0.6	2.5	0.0	0.0	1.5		16.5
Feeder 5					7.0	2.7	3.4	16.9	0.0	0.0	0.0	1.3		31.3
Total Duration Dist Outage (Hrs)	7.7	8.4	17.8	3.9	18.8	27.3	40.7	46.2	17.0	5.6	0.0	8.1	315.8	138.0

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

COMPANY WIDE DATA	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
Production(Gallons)												
WTP (production less storage difference)	1,827,400	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
Wells	22,750,799	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
Volume Billed(Gallons)	24,578,199	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
Commercial	864,180	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
Government (excludes hospital)	1,187,650	968,910	1,014,700	959,590	955,350	601,640	432,500	495,720	856,790	746,340	750,280	1,077,050
Government Hospital					1,005,500	600,800	742,600	628,800	617,000	441,900	610,200	662,300
Residential	3,167,270	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
Water Delivery and Bunkering					38,000	15,086	2,000	39,000	138,000	267,000	-	45,300
Total	5,219,100	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
NRW												
Volume	19,359,099	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
	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%
Invoiced Water Value(USD)												
Water Delivery and Bunkering							50	\$2,430.00	\$7,350.00	\$15,175.00	\$0.00	\$2,265.00
Commercial	4,194	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
Government (includes hospital)	5,852	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
Residential	7,311	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
	17,357	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
Sewer Charges(USD)												
Commercial	1,681	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
Commercial - w/o water	4,164	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
Government	2,914	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
Residential	704	635	327	704	1,456	639	641	\$930.96	\$608.84	\$793.71	\$1,019.42	\$671.92
Residential w/o water	1,650	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
	11,112	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

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

COMPANY WIDE DATA	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
Water Connection Data (No. of Connections)												
Commercial - Billed	61	61	59	63	64	65	65	66	69	70	66	66
Commercial - Disconnected	4	5	8	8	6	5	2	3	2	3	4	4
Commercial - Awaiting Connection	3	3	3	3	3	3	3	3	3	2	2	2
Commercial Avge Consumption - Gall/conn/mth	14,167	11,897	12,868	11,547	21,142	17,352	30,687	15,584	18,487	13,844	23,620	23,461
Government - Billed	14	15	13	14	16	15	15	13	19	19	17	15
Government - Disconnected	1	1	3	2	2	2	1	1	2	2	2	2
Government - Awaiting Connection	0	0	0	0	0	0	0	-	-	-	-	-
Government Avge Consumption - Gall/conn/mth	84,832	64,594	78,054	68,542	59,709	40,109	28,833	38,132	45,094	39,281	44,134	71,803
Hospital - Billed					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
Residential - Billed	392	368	327	334	340	343	340	337	348	357	353	348
Residential - Disconnected	81	108	136	126	119	119	119	118	118	113	120	118
Residential - Awaiting Connection	26	39	49	62	63	61	64	65	62	59	60	65
Residential Avge Consumption - Gall/conn/mth	8,080	6,594	5,606	8,194	13,933	7,347	7,952	9,839	8,123	10,386	11,191	8,563
Sewer Connection Data (No. of Connections)												
Commercial Billed	20	23	29	31	24	23	30	25	35	39	37	38
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	7	9	7	8	11	10	10	13	18	18	16	14
Residential Billed	151	171	142	134	127	136	135	139	140	158	169	160
Residential Billed w/o water	161	159	151	144	198	193	177	195	190	183	173	169
SEWER OVERFLOWS												
North Zone	0	0	1	1	0	1	0	0	0	0	0	0
South Zone	1	1	3	1	1	0	0	1	0	0	0	0

Water Table 3 Zonal Water Use Statistics – FY2016

ZONAL NRW - May 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	864,200	371,920	492,280	57%	1	9,999,430	3,498,770	6,500,660	65%
2	11,778,048	3,896,350	7,881,698	67%	2	104,830,838	30,548,286	74,282,552	71%
3	1,576,361	391,920	1,184,441	75%	3	10,414,309	2,391,490	8,022,819	77%
4	1,166,800	86,246	1,080,554	93%	4	7,750,554	987,849	6,762,705	87%
5	1,522,500	6,700	1,515,800	-	5	1,762,300	25,960	1,736,340	-
6	1,501,300	1,255,100	246,200	16%	6	16,405,849	9,917,520	6,488,329	40%
7	32,483	20,900	11,583	-	7	275,634	93,100	182,534	-
8	1,330,856	283,830	1,047,026	79%	8	3,535,564	1,877,940	1,657,624	47%
Total	19,772,548	6,312,966	13,459,581	68%	Total	154,974,478	49,340,915	105,633,563	68%
ZONAL WATER CONSUMPTION - May 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	Avge Use -Gallons/ConnecUion				Zone	Avge Use -Gallons/Connection			
	Commercial	GovernmentU	HospitUal	ResidenUial		Commercial	Government	Hospital	Residential
1	12,955	5,700	-	8,497	1	36,498	#DIV/o!	-	6,620
2	21,098	106,604	-	7,690	2	14,542	39,169	-	7,993
3	0	0	-	20,938	3	0	11,470	-	12,216
4	9,300	0	-	5,637	4	6,070	0	-	9,115
5	0	0	-	1,340	5	#DIV/o!	#DIV/o!	-	443
6	75,208	0	662,300	0	6	44,960	#DIV/o!	576,657	11,109
7	0	0	-	5,225	7	0	0	-	2,157
8	16,800	40,698	-	9,077	8	2,100	34,060	-	5,424
Total	13,844	39,281	441,900	10,386	Total	24,232	52,818	758,443	11,236

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



HEALTH & SAFETY REPORT: FY2016 - May 2016

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	Hours Worked	May 2016					YEAR TO DATE - FY2016					
			FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,649	0	0	0	0	0	13,073	0	0	0	0	0
Maintenance	8	1,288	0	0	0	0	0	11,548	0	0	0	0	0
Power Distribution - Line	20	3,654	0	0	0	0	0	28,868	0	0	0	0	0
Power Distribution - Contractors	13	2,439	0	0	0	0	0	17,304	0	0	0	0	0
Water & Sewer	11	2,168	0	0	0	0	0	15,394	0	0	0	0	0
Water & Sewer Contractors	12	2,778	0	0	0	0	0	18,174	0	0	0	0	0
Fin, Admin, Cust Care	17	2,226	0	0	0	0	0	19,347	0	0	0	0	0
TOTAL	90	16,201	0	0	0	0	0	123,709	0	0	0	0	0

FA - Number of First Aid cases **Total Hours Without Incident - Whole Company** 253,210

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	May 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	131	0	131
Maintenance	8	152	0	152
Power Distribution - Line	20	338	0	338
Power Distribution - Customer	13	0	0	0
WSS _ Treatment/Prod	11	36	0	36
WSS Networks	12	0	0	0
Finance, Admin Cust Coord	17	189	0	189
TOTAL	90	845	0	845
Sick Hours as Percentage of Total Hours Worked		5.2%	0.0%	5.2%

Year To Date FY2016		
Total Hours Sick	Accident Related	Poor Health
750	0	750
366	0	366
1,912	0	1,912
357	0	357
589	0	589
25	0	25
2,053	0	2,053
6052	0	6052
4.9%	0.0%	4.9%

DEPARTMENT	Number of Staff	May 2016		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	9	7.9%	0.0%	7.9%
Maintenance	8	11.8%	0.0%	11.8%
Power Distribution - Line	20	9.2%	0.0%	9.2%
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	8.5%	0.0%	8.5%
TOTAL	90	5.2%	0.0%	5.2%

Administration Table 2 Attendance Summary – May 2016 & FY 2016

DEPARTMENT	May 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	1,401	249	8	131	55	1,843	0	9,883	1,775	170	750	355	12,934	0	5.8%
Maintenance	8	1,101	186	60	152	112	1,611	10	10,164	1,384	474	366	561	12,950	38	2.8%
Power Distribution - Line	20	3,014	640	158	338	53	4,203	0	22,694	6,174	1,171	1,912	1,208	33,159	11	5.8%
Power Distribution - Contractors	13	2,413	26	0	0	19	2,458	0	16,912	392	188	357	114	17,963	0	2.0%
Water & Sewer	11	1,769	398	68	36	136	2,408	0	12,525	2,869	410	589	1,021	17,414	1	3.4%
Water & Sewer Contractors	12	2,778	0	0	0	0	2,778	0	17,786	388	203	25	204	18,606	20	0.1%
Fin, Admin, Cust Care	17	2,023	203	120	189	596	3,131	4	17,455	1,892	965	2,053	2,669	25,034	263	8.2%
TOTAL	90	14,498	1,702	414	845	971	18,431	14	107,420	14,874	3,581	6,052	6,133	138,059	333	4.4%
Hours as % of Total Hours Claimed		78.7%	9.2%	2.2%	4.6%	5.3%		0.1%	77.8%	10.8%	2.6%	4.4%	4.4%		1.8%	

CAPEX Table 1 Major Capex Project Summary – End May 2016

CPUC - MAJOR CAPEX PROJECTS SUMMARY - May 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%	Dec-15
Office Construction	63,498.00	63,968.00	100.7%	Complete
Equipment Procurement	259,347.00	271,391.00	104.6%	Complete
LS Rehabilitation *	105,750.00	160,321.00	151.6%	Complete
Other (Local LS construction; Env.;)	90,000.00	24,000.00	26.7%	Oct-15
Freight & Tax	48,055.00	35,188.01	73.2%	
Contingency **	45,432.00	38,672.00	85.1%	Dec-15
Total Budget	954,082.00	936,927.01	98.2%	Dec-15
* - Overspend due to transformer purchase - low loss transformers - payback for the extra over cost is less than 2 years				
** - Includes new transformers, and overhaul of the old Vactor pumps to improve sewage management functionality				
Component 2 - International				
1 - Plant and Mandatory Spare Parts (international)				May-15
2 - Plant and Mandatory Spare Parts (local)				Jun-15
3 - Design Services	3,302,460.00	3,237,121.00	98.0%	Apr-15
4 - Installation and other services				June - Nov 15
5 - Civil Works				April - August 15
6 - Testing & Commissioning				Dec 15 - Mar 16
Additional procurement (vehicles & Chlorine)	49,856.00	62,925.00	126.2%	Mar-15
Import Tax	125,016.00	31,872.03		
Contingency	173,867.00	110,910.00	63.8%	Mar-16
Total Budget	3,651,199.00	3,442,828.03	94.3%	Dec-15
Variations:	Credit/(Debit)	39,625		
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				
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 first payment against the contract was paid subsequent to				
Electrical design is substantially complete at the end of May; Civil designs will be forwarded in the first week of June for review and comment;				
Design of the office refurbishment component being managed by CPUC was completed by design consultants in the first week of May; bids documents were issued to local contractors and will be returned on 3rd June - it is expected that contract award will be during the second week of June;				
Site clearance has commenced with the demolition of the old morgue storehouse. The site will be ready for contractors to commence refurbishment work in Mid June.				

CAPEX Table 2 Capex Summary Sheet – End May 2016

Chuuk Public Utility Corporation Capex Summary Sheet as of May 31, 2016							
	A	B	C	D (B-C)	E (A-B)	F	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted (Funded By 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	7,698,983	3,330,030	4,368,953	-8,983	4,440,000	1,109,970
Smoke Detection	60,000	55,314	55,314	0	4,686	60,000	4,686
Power Security grant D15AFF0020	470,000	470,000	384,031	85,969	0	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	194,040	230,700	101,060	234,450	40,410
WWTP Phase 1 D14AF0042	955,000	923,063	896,690	26,373	31,937	909,000	12,310
WWTP Phase 2 D14AF00048	3,700,000	3,684,896	3,216,367	468,529	15,104	3,285,997	69,630
FY 2016 Scratched Card - D16AF00017-00010	140,000	140,000	76,305	63,695	0	84,000	7,695
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	0	0	0	0	0	0
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000	0	0	0	0	0	0
Total	26,889,895.55	25,528,600.20	20,205,629.36	5,322,970.84	261,295.35	21,553,457.55	1,393,703.98
* Fund will be Disbursed in June 2016							