

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

April 2016



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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Apr-16	YTD 2016 US\$	US\$/kWh Sold		US\$/kWh generated	
			Apr-16	YTD 2016	Apr-16	2016 YTD
Revenue	494,494	3,415,331	0.466	0.491	0.394	0.406
Variable Costs	663,758	1,449,990	0.626	0.209	0.528	0.173
Fixed Costs	607,533	1,147,244	0.573	0.165	0.483	0.137
Total Expenses	1,271,291	2,597,234	1.199	0.374	1.012	0.309
Operating result	-776,797	818,097	-0.733	0.118	-0.618	0.097
	kWh	kWh				
Power generation	1,256,621	8,403,834				
<i>Diesel</i>	1,222,520	8,192,760				
<i>Solar</i>	34,101	211,074				
<i>Solar PV as % of Total Generation</i>	2.7%	2.5%				
<i>Avoided Cost of Fuel - US\$</i>	5,908	39,582				
<i>Tons of CO2 Avoided</i>	24.2	149.9				
Government Sales	192,113	1,370,048	Feeder	Conn's	Sales	
Commercial Sales	571,666	3,745,253	F1	277	217,867	1,535,130
Residential Sales	236,265	1,513,522	F2	91	24,731	167,907
Intercompany Sales	64,045	352,294	F3	457	360,923	2,291,509
Sales Accrual	-3,912	-31,214	F4	758	402,067	2,600,768
Total Sales	1,060,177	6,949,903	F5	367	54,773	368,317
Power Loss	15.6%	17.3%	Total	1,950		6,963,630
Operating ratio	0.97	0.90	NB - Error on Total and Feeder sales YTD is <0.1%; within limits;			
Water Produced - Gallons	17,959,066	135,507,461				
Water Sold - Gallons	6,869,789	43,066,949				
Non Revenue Water	61.7%	68.2%				

Daily generated output in April was 41,887 kWh/day; 1.0% higher than March. Average daily sales were 35,339 kWh/day; 4.4% higher than March. Total power loss decreased from 18.3% to 15.6%. FY2016 loss to date is 17.3%.

Average fuel efficiency in April was marginally lower than March at 14.26 kWh/gallon – there has been a small decline in fuel efficiency over the last few months as units 1 and 2 have been awaiting top end overhaul (starting in May) and due to increased use of Unit 4 in conjunction with unit 1 or 2 due to load increase.

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

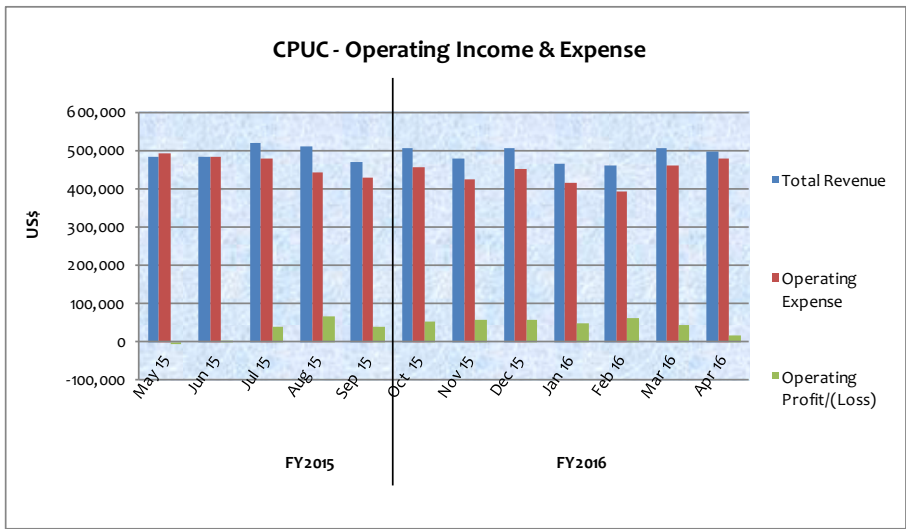
Government – 18.1%; Commercial – 53.9%; Residential –21.8%; Intercompany 5.1%; Accrual -0.5%;

Solar PV generation in March was 34,101 kWh down on March figure due to increased cloud and rain in April 15% higher and accounted for 2.7% of total generation; the avoided cost of fuel in the month is US\$5,908 (US\$39,582 YTD); the amount of Carbon Dioxide avoided in the month was 24.2 tons (149.9 tons YTD).

An opening ceremony for the WWTP was held on 26th April 2016. The event was attended by OIA, Chuuk State Legislature and EPA – presentations were made by CPUC and by CCB Envico the contractor and a tour of the site and process was given by CPUC staff.

RJE Pty Ltd from Australia sent a 5-man team for a site visit from 10 to 14 April. The team were focused principally on logistics and site layout however discussions covered all aspects of the project. It is anticipated that the design will be finalized in May.

1 FINANCIAL PERFORMANCE GRAPHS



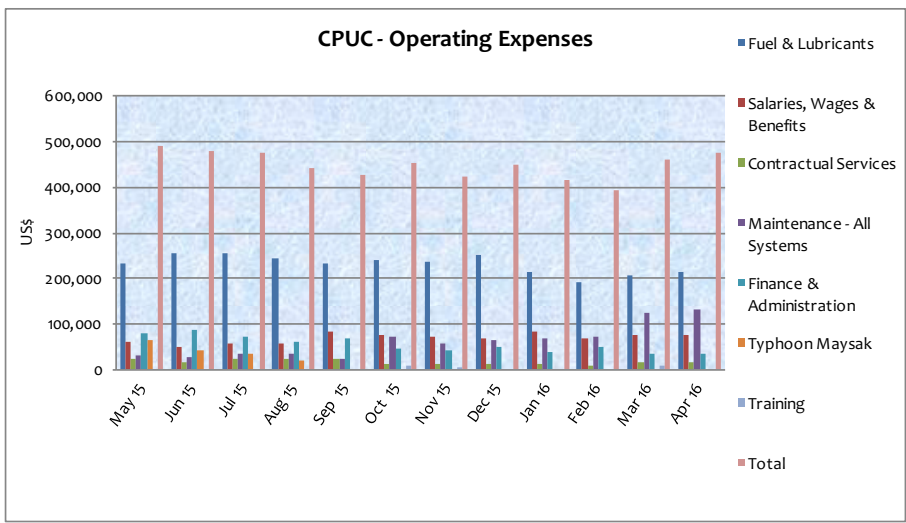
1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

April 2016 US\$17,187;

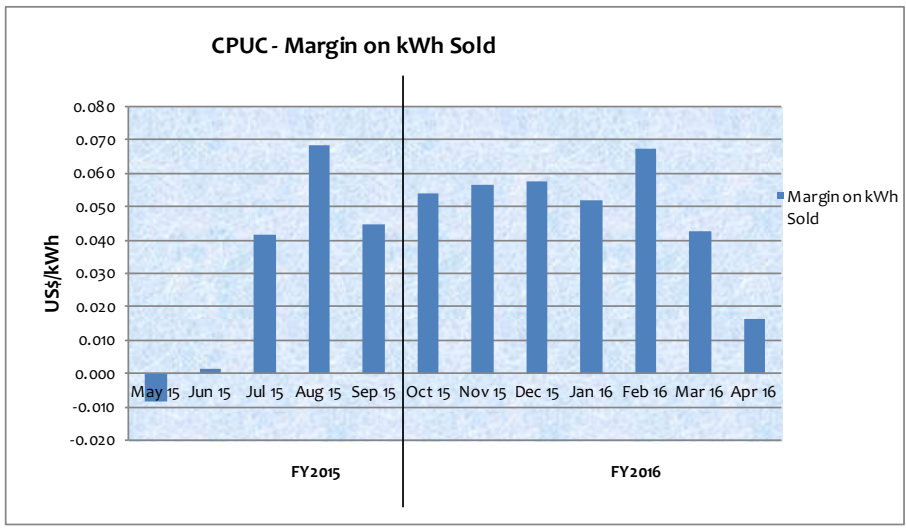
Expenditure on overhaul >US\$43k

Operating ratio: 0.90



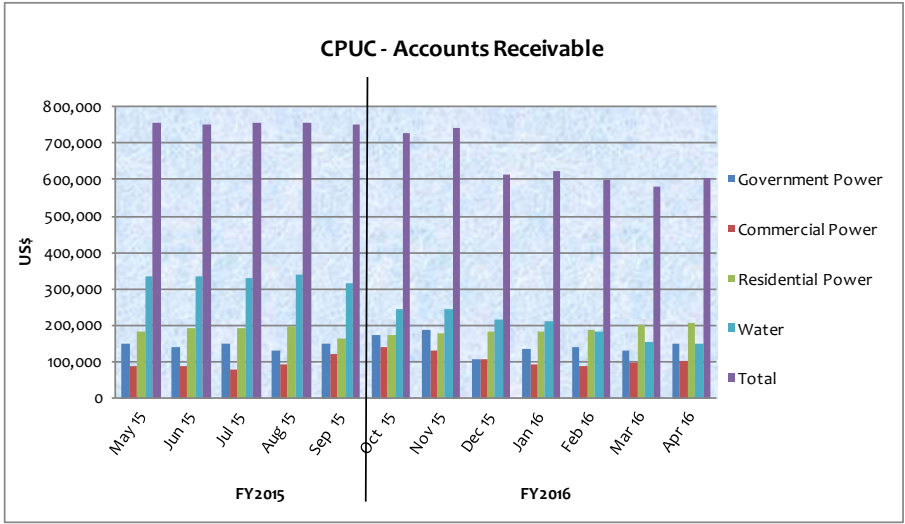
1.2 Key Points:

Price of Fuel in April: US\$2.65/gallon;



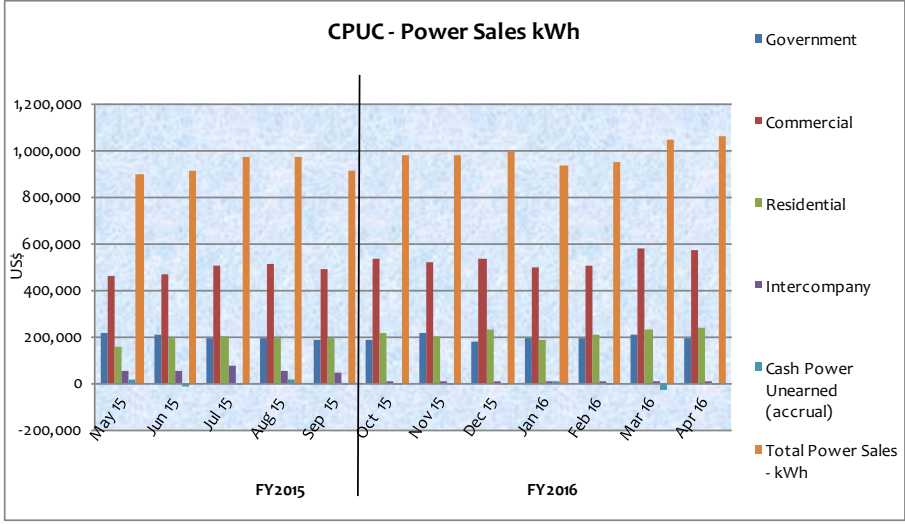
1.3 Key Points:

Margin reduced due to the expenditure on drought mitigation measures –US\$22k which dropped the margin by around 30% on February figures; This expenditure will be claimed back from the Task Force

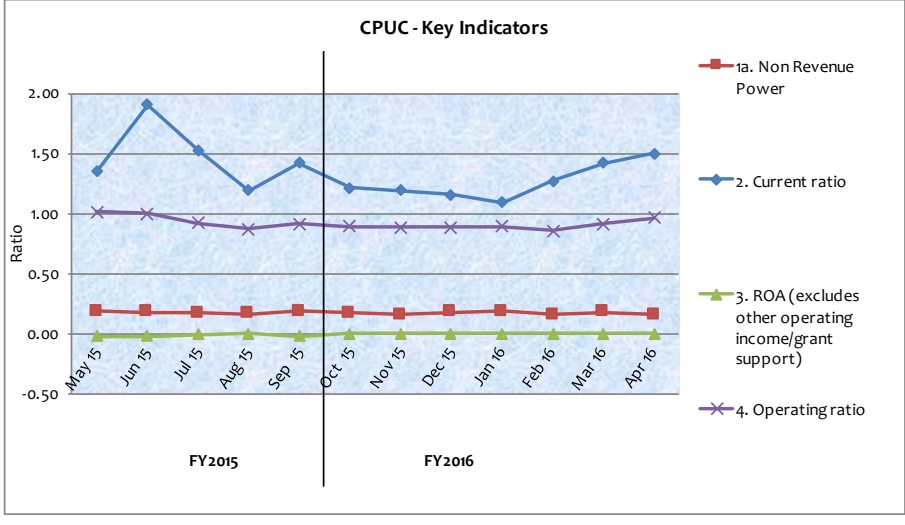


1.4 Key Points:

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;

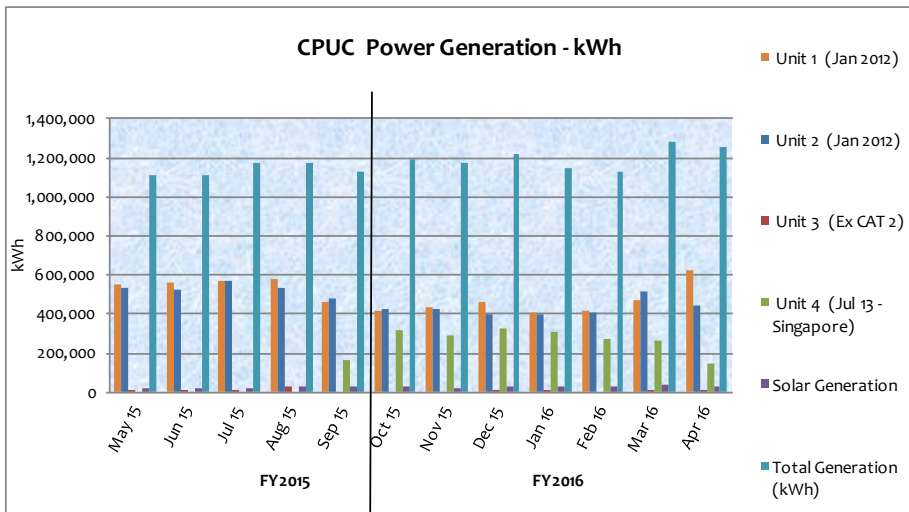


1.5 Key Points:

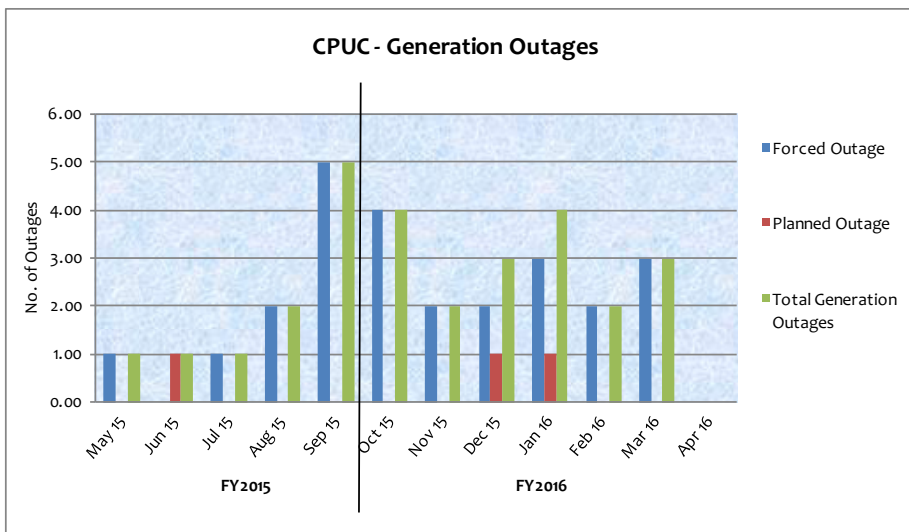


1.6 Key Points:

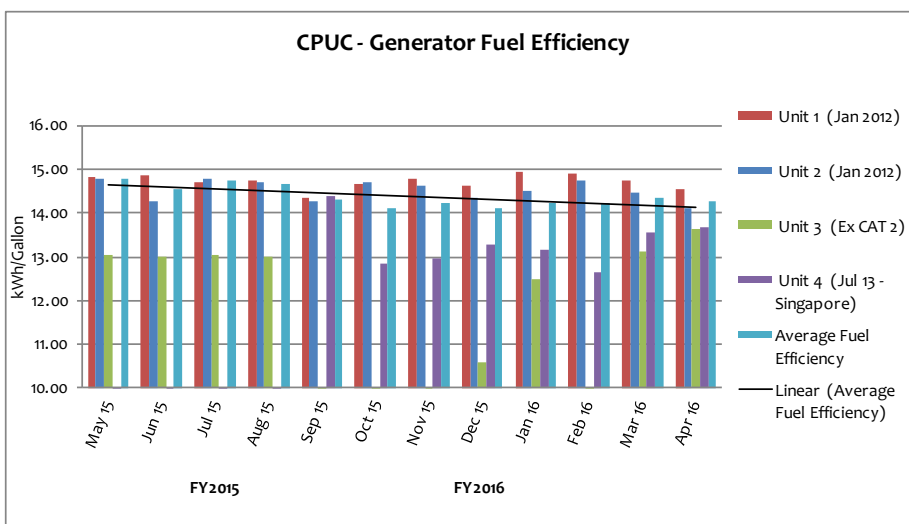
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



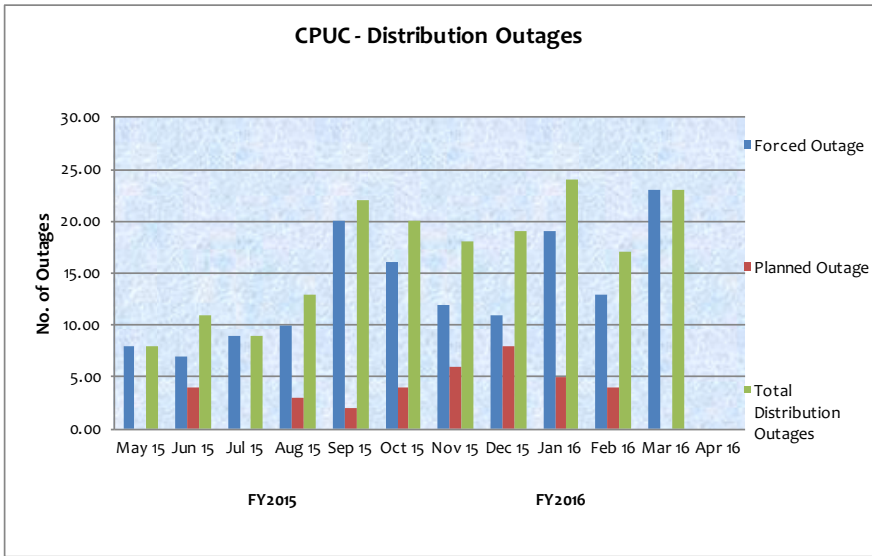
2.2 Key Points:



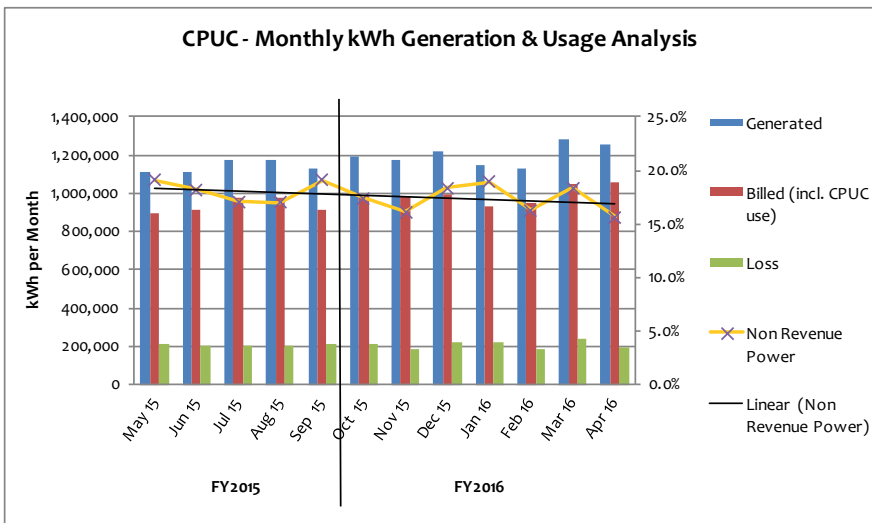
2.3 Key Points:

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

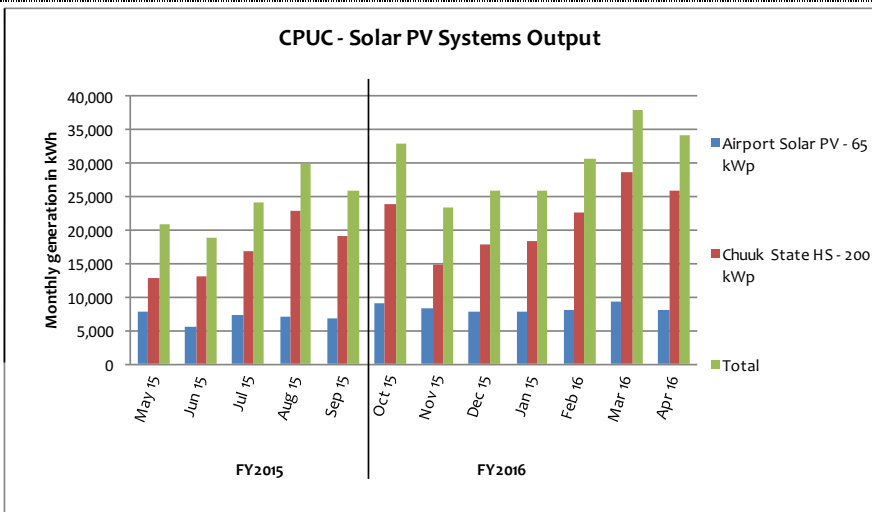
Lower efficiency of unit 4 contributing to avge. Eff. decrease with increasing load.



2.4 Key Points



2.5 Key Points:



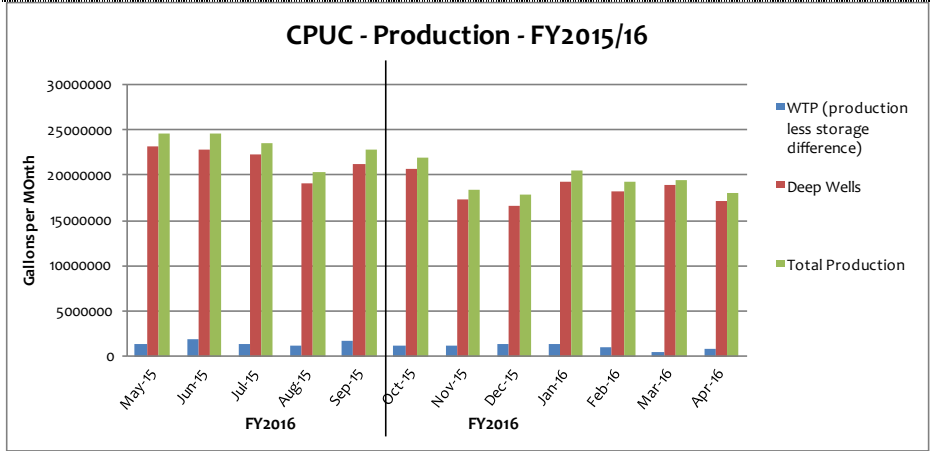
2.6 Key Points:

Solar PV accounted for 3.0% of CPUC generation in March 16 (YTD 2.5%);

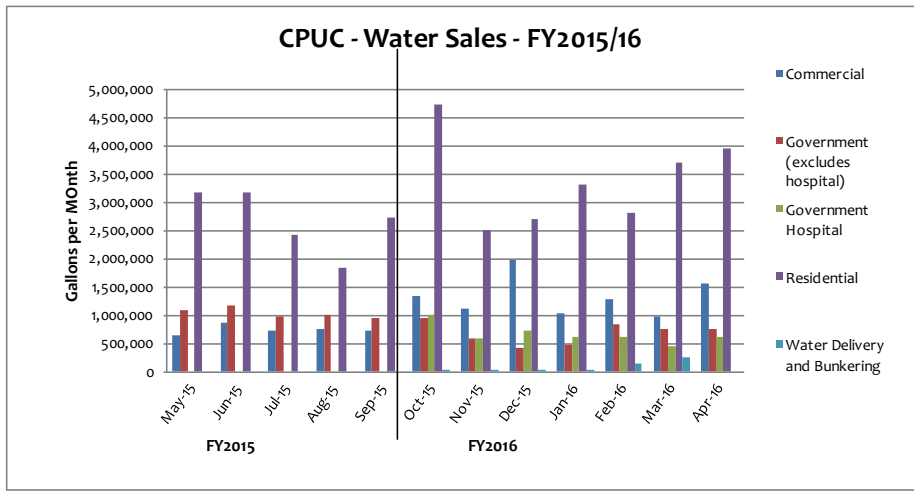
Avoided cost of fuel was:

US\$6,171;
(US\$33,675 YTD)

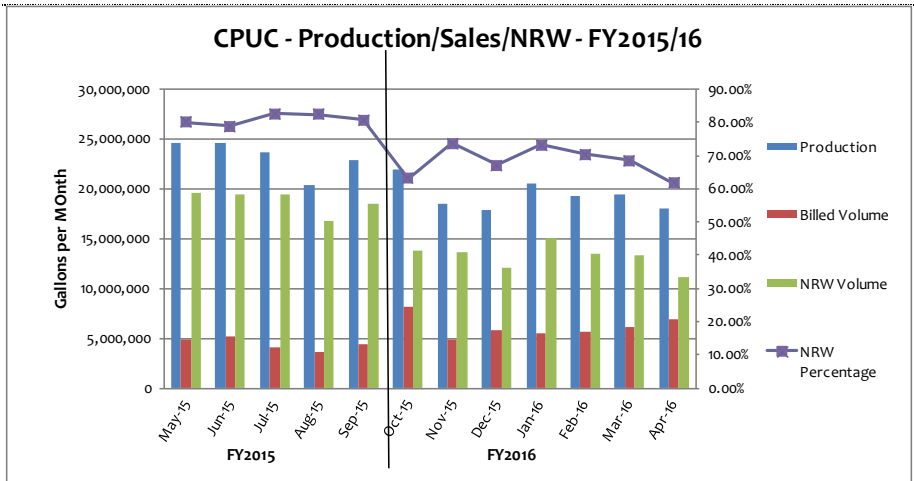
3 WATER PERFORMANCE GRAPHS



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 – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	FY 2016 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	405,364	419,322	443,682	444,120	399,300	443,615	442,147	459,407	416,777	405,883	436,251	449,367	5,082,085	3,053,446
b. Water Sales	27,512	27,965	24,546	23,572	25,965	29,345	18,319	23,069	19,937	20,426	20,800	25,052	366,510	156,948
c. Sewer Sales						15,129	10,929	13,076	11,103	11,148	10,291	11,922		83,597
d. I/company Power Sales (in Power Sales from Oct 15)	24,245	26,032	35,327	26,969	22,764	-	-	-	-	-	-	-	325,632	0
d.Other operating revenue	26,221	9,575	14,794	12,828	21,713	18,388	8,747	10,308	16,437	20,671	38,634	8,154	270,931	121,339
Revenue - Total	483,342	482,895	518,349	507,489	469,742	506,477	480,143	505,860	464,254	458,127	505,976	494,494	6,045,158	3,415,331
Expenses - US\$														
Fuel & Lubricants	232,548	254,925	255,263	244,584	232,533	241,803	236,880	252,887	213,491	192,177	206,275	213,943	3,044,499	1,557,455
Salaries, Wages & Benefits	60,567	51,540	57,528	58,588	84,308	74,375	73,686	67,242	81,706	69,513	74,336	75,794	694,839	516,652
Contractual Services	23,163	17,207	25,237	21,955	22,086	12,562	11,908	13,824	13,830	9,533	14,633	17,578	234,696	93,867
Typhoon Maysak Expenses	65,398	43,301	35,554	20,003	0	0	0	0	0	0	0	0	254,036	0
O&M - Power Generation	9,305	2,640	20,111	21,303	9,990	20,217	20,814	6,688	7,737	31,693	43,656	71,121	247,449	201,925
O&M - Power Distribution	4,464	9,765	734	1,553	635	6,016	6,646	16,453	18,917	8,431	17,486	14,144	36,504	88,093
O&M - Water	3,511	4,263	4,636	3,091	1,753	13,837	12,339	14,396	14,808	17,206	36,842	26,055	33,129	135,483
O&M - Sewer	-	-	-	-	-	10,982	6,123	8,058	7,267	6,499	11,339	8,825	59,093	59,093
Finance & Administration Overheads	50,611	62,497	33,868	32,829	44,515	44,579	43,045	48,065	39,127	49,753	33,698	36,115	523,013	294,382
Vehicle & Eq. Fuel	13,224	9,486	7,650	9,291	9,494	21,851	12,845	21,066	19,087	9,368	15,650	13,733	102,954	113,599
CPUC Power Usage (incl. in O&M from Oct 15)	24,245	26,032	35,327	26,969	22,764	0	0	0	0	0	0	0	325,632	0
Donation to Charity - Typhoon Maysak	3,891	0	0	0	0	0	0	0	0	0	0	0	3,891	0
Support to Energy Office	0	0	1,998	892	741	0	0	0	0	0	0	0	3,631	0
Training	0	0	0	0	0	7,102	141	0	0	0	7,232	0	0	14,475
Expense - Total	490,924	481,656	477,907	441,056	428,816	453,323	424,427	448,677	415,970	394,173	461,148	477,307	5,504,274	3,075,026
Operating Income/(Loss)	-7,582	1,239	40,442	66,432	40,925	53,154	55,716	57,182	48,284	63,954	44,828	17,187	540,884	340,305
Non-Cash Expenses - US\$														
Depreciation	41,364	41,364	41,364	41,364	73,215	47,495	47,495	47,495	47,495	47,495	47,495	47,495	280,034	332,462
Interest Expense	10,266	10,266	10,266	10,266	10,266	10,381	10,381	10,381	10,381	10,381	10,381	10,381	61,598	72,664
Non-Cash Expense - Total - US\$	51,630	51,630	51,630	51,630	83,482	57,875	57,875	57,875	57,875	57,875	57,875	57,875	341,632	405,126
Net Income/(Loss) - excluding grant support - US\$	-59,213	-50,391	-11,188	14,802	-42,557	-4,721	-2,159	-693	-9,592	6,079	-13,047	-40,689	199,252	-64,822
Non-operating Income (Grant Support) - US\$	6	1,340,403	100,003	10	1,329,107	5	10	9	2	42,615	36	157	4,960,627	42,832
Net Income/(Loss) - including grant support - US\$	-59,206	1,290,011	88,815	14,812	1,286,551	-4,717	-2,150	-684	-9,590	48,694	-13,011	-40,532	5,159,878	-21,989

Financial Table 2 Cash Flow and A/R Report – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	YTD FY2016
Cash Flow Report - US\$														
Receipts	415,348	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	9,617,051	7,739,484
Disbursements	444,529	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	9,111,033	4,667,963
Net receipts/Disbursements	-29,181	954,556	-745,242	-422,304	287,100	-199,876	-55,161	-79,319	-119,403	651,064	2,691,982	182,234	506,018	3,071,521
Cash balance (beginning)	974,822	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	513,733	1,019,751
Cash balance (end)	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	1,764,166	1,217,056
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)	944,248	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	1,018,357	4,089,878
Stocks	1,256,286	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	1,180,345	1,370,376
Trade Receivable	428,724	425,776	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	423,882	438,968
Other Accounts Receivable (Due From)	1,078,834	1,071,822	1,123,862	1,077,853	1,891,427	1,904,624	1,021,502	1,019,925	1,034,558	1,037,199	1,030,719	1,024,240	1,891,427	1,024,240
Loans Payable	4,774,531	4,774,531	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	4,678,738	4,705,182	4,912,182	4,836,701	4,832,209	4,678,738	4,832,209
Payables to Suppliers & creditors	1,949,651	1,912,399	1,901,187	2,517,307	2,645,331	2,805,456	2,839,917	2,736,577	2,786,032	2,254,989	3,910,231	3,934,468	2,645,331	3,934,468
Total Accounts Receivable (to date) - US\$														
Government Power	151,180	139,090	149,589	129,416	150,219	172,357	186,584	108,529	134,897	142,271	128,921	150,509	151,180	150,509
Commercial Power	88,073	90,606	80,833	93,640	122,992	140,179	131,933	106,292	95,297	86,720	98,324	101,591	88,073	101,591
Residential Power	184,404	190,153	193,665	196,358	162,187	171,536	178,582	180,865	184,460	187,587	201,722	204,364	184,404	204,364
Water	332,698	333,557	332,171	338,288	316,114	245,746	243,101	215,951	209,690	185,167	152,422	149,696	332,698	149,696
Sewer	-	-	-	-	-	95,271	100,972	106,769	115,942	127,090	137,381	144,508	-	144,508
Allowance for Doubtful	-327,630	-327,630	-327,630	-327,630	-327,630	-327,241	-325,645	-323,698	-316,495	-316,495	-316,495	-311,700	-327,630	-311,700
Total	428,724	425,776	428,627	430,072	423,882	497,847	515,527	394,707	423,790	412,339	402,274	438,968	428,724	438,968

Financial Table 3 Power Sales Report – May 2015 to April 2016

Power Sales Report	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	YTD 2016
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	77,702	66,548	66,117	61,105	56,581	58,819	59,435	58,401	56,990	52,208	54,406	54,139	850,363	394,400
Government - Pre Paid (Cash Power)	24,304	36,855	32,033	34,680	32,842	27,398	37,837	24,745	29,746	31,550	35,951	29,019	383,753	216,246
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	18,172
Solar	2,876	2,876	2,876	2,876	2,876	2,661	2,661	2,661	2,855	2,855	2,855	3,750	34,515	20,297
Government Total	107,478	108,876	103,623	101,257	94,896	91,474	102,529	88,403	92,187	89,209	95,808	89,504	1,299,784	649,114
Commercial - Post Paid	167,844	172,366	189,475	188,914	167,976	182,069	175,780	182,152	165,977	157,130	179,614	182,275	2,055,368	1,224,998
Commercial - Pre Paid (Cashpower)	51,918	57,074	58,871	58,808	59,949	64,632	58,778	66,141	53,762	57,023	61,326	59,985	697,472	421,647
Commercial Total	219,762	229,440	248,346	247,722	227,925	246,701	234,558	248,293	219,739	214,153	240,941	242,260	2,752,841	1,646,645
Residential - Post Paid	747	4,795	3,953	3,793	5,825	5,947	5,152	5,484	4,827	5,607	4,486	4,725	53,049	36,229
Residential - Pre Paid (Cashpower)	71,660	83,895	88,099	83,180	78,994	86,978	80,669	95,131	73,192	75,512	84,283	88,158	986,009	583,923
Residential Total	72,407	88,690	92,052	86,973	84,819	92,925	85,822	100,615	78,019	81,120	88,769	92,883	1,039,057	620,152
Trade Power Sales Total	399,647	427,006	444,020	435,952	407,640	431,101	422,908	437,311	389,945	384,481	425,518	424,647	5,091,681	2,915,911
Intercompany - CPUC Office	24,245	26,032	35,327	26,969	22,764	1,566	1,608	1,566	1,264	1,462	1,374	1,428	325,632	10,268
Intercompany - CPUC Power Operation	-	-	-	-	-	2,255	2,462	2,365	2,060	1,725	1,544	1,852	-	14,262
Intercompany - CPUC Water Operations	-	-	-	-	-	11,061	9,479	12,219	11,648	11,035	9,482	15,390	-	80,314
Intercompany - CPUC Sewer Operations	-	-	-	-	-	8,206	6,123	7,573	5,637	6,270	7,744	8,825	-	50,378
Cash Power Unearned	5,717	-7,684	-338	8,169	-8,340	-10,575	-433	-1,628	6,224	-910	-9,410	-2,775	-9,596	-19,508
Total Power Sales - US\$	429,609	445,355	479,009	471,089	422,064	443,615	442,147	459,407	416,777	404,062	436,251	449,367	5,407,717	3,051,625
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh		kWh	kWh
Government - Post Paid	161,667	131,250	129,606	120,761	116,213	122,558	134,591	121,595	122,835	117,113	125,273	121,938	1,648,805	865,902
Government - Pre Paid (Cash Power)	48,540	72,563	62,785	69,290	67,480	57,092	78,991	51,887	63,900	71,170	82,743	65,477	737,415	471,260
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	32,886
Government Total	214,905	208,511	197,089	194,749	188,391	184,347	218,280	178,180	191,433	192,981	212,714	192,113	2,442,596	1,370,048
Commercial - Post Paid	349,562	353,810	386,789	391,644	360,437	396,695	391,336	390,672	375,069	368,695	434,428	429,926	4,146,250	2,786,820
Commercial - Pre Paid (Cashpower)	108,005	116,978	120,095	122,389	128,454	140,535	128,056	144,761	120,677	134,710	147,953	141,740	1,398,702	958,433
Commercial Total	457,567	470,788	506,885	514,033	488,891	537,230	519,392	535,433	495,746	503,405	582,381	571,666	5,544,952	3,745,253
Residential - Post Paid	1,682	10,937	8,622	8,302	13,432	13,837	14,048	10,833	11,822	13,855	12,015	12,001	114,588	88,412
Residential - Pre Paid (Cashpower)	159,033	183,258	191,478	184,679	180,929	202,369	188,084	222,894	176,196	192,045	219,258	224,264	2,100,803	1,425,110
Residential Total	160,715	194,195	200,100	192,981	194,361	216,206	202,132	233,727	188,019	205,901	231,273	236,265	2,215,391	1,513,522
Trade Power Sales Total	833,187	873,494	904,074	901,764	871,643	937,783	939,804	947,340	875,198	902,287	1,026,367	1,000,044	10,202,938	6,628,823
Intercompany - CPUC Office	50,436	53,356	72,066	56,126	48,776	3,405	3,503	3,428	2,838	3,453	3,314	3,327	651,629	23,268
Intercompany - CPUC Power Operation	-	-	-	-	-	4,903	5,363	5,177	4,623	4,075	3,725	4,313	-	32,179
Intercompany - CPUC Water Operations	-	-	-	-	-	24,051	20,652	26,744	26,145	26,069	22,876	35,848	-	182,385
Intercompany - CPUC Sewer Operations	-	-	-	-	-	17,844	13,339	16,575	12,653	14,812	18,682	20,557	-	114,462
Cash Power Unearned (accrual)	13,594	-14,925	-323	15,529	-4,607	-4,855	-1,163	-4,095	11,165	-3,190	-25,164	-3,912	-9,717	-31,214
Total Power Sales - kWh	897,217	911,924	975,816	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,049,800	1,060,177	10,844,850	6,949,903

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

Water/Sewer Sales Report	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	YTD 2016
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	5,343	5,852	4,736	4,972	4,685	9,688	5,867	5,759	5,509	7,214	5,778	6,648	72,366	46,464
Commercial	2,910	4,067	3,371	3,568	3,340	6,456	5,364	9,624	4,882	5,956	4,489	7,524	52,489	44,295
Residential	9,352	8,309	7,566	5,602	8,158	14,120	7,484	7,847	9,770	8,242	10,533	11,039	115,704	69,035
Provision for Billing Errors	-494	-1,374	-1,191	-558	-288	-919	-396	-162	-223	-986	0	-160	-14,583	-2,846
Total	17,111	16,853	14,482	13,585	15,895	29,345	18,319	23,069	19,937	20,426	20,800	25,052	225,977	156,948
Sewer Sales - US\$														
Government	-	-	-	-	-	4,800	2,909	2,857	2,731	3,574	2,762	3,240	-	22,874
Commercial	-	-	-	-	-	2,871	2,221	4,360	2,170	2,387	1,840	3,014	-	18,862
Commercial with No Water	-	-	-	-	-	4,048	3,819	3,254	3,355	3,355	3,394	3,394	-	24,619
Residential	-	-	-	-	-	1,456	639	641	1,638	392	794	1,019	-	6,579
Residential with No Water	-	-	-	-	-	2,060	2,000	2,010	1,950	1,900	1,820	1,740	-	13,480
Provision for Billing Errors	-	-	-	-	-	-106	-659	-46	-741	-460	-319	-486	-	-2,816
Sewer Sales	10,401	11,113	10,064	9,987	10,069	15,129	10,929	13,076	11,103	11,148	10,291	11,922	140,533	83,597
Total Water & Sewer Sales	27,512	27,965	24,546	23,572	25,965	44,474	29,248	36,144	31,040	31,573	31,091	36,974	366,510	240,545
Water Sales - Gallons														
Government	1,100,520	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	14,741,265	9,485,420
Commercial	647,370	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	11,251,173	9,307,695
Residential	3,183,920	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	39,880,995	23,774,748
Water Delivery & Bunkering	0	0	0	0	0	38,000	15,086	2,000	39,000	138,000	267,000	0	0	499,086
Total	4,931,810	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	65,873,433	43,066,949

Financial Table 5 Key Performance Indicators – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY2015	YTD FY2016
1a. Non Revenue Power	19.0%	18.2%	17.1%	17.0%	19.1%	17.4%	16.1%	18.4%	18.9%	16.3%	18.3%	15.6%	18.9%	17.3%
Total Power Generated - kWh	1,108,233	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	13,380,232	8,403,834
Total Power Billed - kWh	897,217	911,924	975,816	973,419	915,812	983,131	981,498	995,169	932,622	947,506	1,049,800	1,060,177	10,844,850	6,949,903
Generation Loss (assumed 6%) - kWh	66,494	66,859	70,605	70,369	67,898	71,440	70,224	73,142	68,990	67,907	77,130	75,397	802,814	504,230
Distribution Loss Estimate - kWh	116,816	107,681	100,916	99,707	119,633	106,323	89,419	120,246	119,478	88,076	126,431	89,631	1,398,062	739,605
Commercial Loss (assumed 2.5%) - kWh	27,706	27,858	29,419	29,320	28,291	29,767	29,260	30,476	28,746	28,295	32,137	31,416	334,506	210,096
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	14,438
Total Loss - kWh	211,016	202,399	200,940	199,396	215,822	207,529	188,903	223,864	217,215	184,277	235,699	196,444	2,535,382	1,453,931
Distribution loss %	10.5%	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.8%	7.1%	10.4%	8.8%
1b. Non Revenue Water	79.9%	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	75.3%	68.2%
Water Produced (million gallons)	24.5	24.6	23.6	20.3	22.9	21.9	18.4	17.9	20.6	19.3	19.4	18.0	266.2	135.5
Water Billed (million gallons)	4.93	5.22	4.12	3.61	4.42	8.09	4.87	5.88	5.51	5.72	6.14	6.87	65.9	43.1
2. Current ratio	1.35	1.90	1.53	1.19	1.42	1.21	1.19	1.16	1.10	1.27	1.42	1.50	1.42	1.88
3. ROA (excludes other operating income/grant support)	-2.121%	-1.805%	-0.401%	0.530%	-1.508%	-0.009%	-0.004%	0.000%	-0.019%	0.012%	-0.023%	-0.073%	0.074	-0.020
4. Operating ratio	1.02	1.00	0.92	0.87	0.91	0.90	0.88	0.89	0.90	0.86	0.91	0.97	0.911	0.900

Power Table 1 Power Operation Indicators – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY2015	YTD 2016
Generation Statistics														
Diesel Generation - kWh	1,087,460	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	13,092,590	8,192,760
Peak Generation - kW	2,110	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,250	2,290
Fuel Consumption - Gallons	73,514	75,292	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	891,055	576,256
Average Fuel Price (\$/Gallon)	3.16	3.26	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	3.37	18.84
Load Factor (%)	66%	63%	67%	66%	65%	66%	65%	68%	67%	66%	67%	68%	64%	79%
Capacity Factor (%)	38%	40%	40%	40%	39%	41%	41%	40%	39%	39%	43%	42%	40%	41%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	200%	100%	100%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	145%
Solar PV Generation - kWh	20,773	18,843	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	287,642	211,074
Solar Generation %	1.9%	1.7%	2.1%	2.6%	2.3%	2.8%	2.0%	2.1%	2.3%	2.7%	3.0%	2.7%	2.1%	2.5%
Peak PV Generation -kW	151	137	176	218	190	241	170	189	189	224	277	249	225	241
Avoided Fuel - Gallons	1,404	1,295	1,643	2,039	1,817	2,338	1,642	1,835	1,825	2,161	2,648	2,392	19,559	14,841
Avoided Cost of Fuel - US\$	4,438	4,222	5,339	6,279	5,343	6,758	4,828	5,249	4,835	5,834	6,171	5,908	65,680	39,582
Tons of CO2 avoided	14.2	13.1	16.6	20.6	18.4	23.6	16.6	18.5	18.4	21.8	26.7	24.2	197.5	149.9
Labour Productivity (kWh/Emp/d)	1,096	1,104	1,162	1,152	1,115	1,167	1,156	1,203	1,133	1,110	1,258	1,232	1,121	8,259
SFOC (kWh/gal)														
Unit 1 (Jan 2012)	14.82	14.86	14.69	14.73	14.33	14.65	14.76	14.62	14.95	14.90	14.72	14.55	14.75	14.72
Unit 2 (Jan 2012)	14.78	14.26	14.78	14.71	14.27	14.71	14.62	14.36	14.48	14.74	14.46	14.09	14.68	14.49
Unit 3 (Ex CAT 2)	13.02	13.01	13.03	13.02	0.00	0.00	0.00	10.60	12.50	-	13.14	13.64	12.72	12.42
Unit 4 (Jul 13 - Singapore)	-	-	-	-	14.40	12.84	12.98	13.26	13.15	12.63	13.57	13.66	14.40	13.10
SLOC (kWh/gal)														
Unit 1 (Jan 2012)	5,806.1	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	4,269	3,609
Unit 2 (Jan 2012)	5,316.6	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	4,255	2,596
Unit 3 (Ex CAT 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0	1
Unit 4 (Jul 13 - Singapore)	0.0	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	0	2,935
Forced Outage Factor (%)	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.34%	0.27%
Planned Outage Factor (%)	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	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 (%)	17.9%	19.0%	18.9%	19.1%	18.7%	24.1%	24.0%	23.8%	22.9%	22.8%	25.3%	24.6%	21.8%	24.1%
Distribution Losses (%)	10.5%	9.7%	8.6%	8.5%	10.6%	8.9%	7.6%	9.9%	10.4%	7.8%	9.8%	7.1%	12.6%	61.6%
SAIDI (hours/consumer)	0.08	0.28	0.31	0.65	0.14	0.66	0.86	1.44	1.24	0.50	0.10	0.00	11.60	4.80
SAIFI	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.09	0.07
Average Cost (\$/kWh)	0.21	0.22	0.22	0.20	0.20	0.20	0.20	0.20	0.18	0.18	0.16	0.17	0.22	0.18

Power Table 2 Power Generation Statistics – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	FY 2016 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	551,580	560,170	573,500	581,660	459,800	414,860	434,610	465,540	410,320	420,210	467,400	622,120	6,489,250	3,235,060
Unit 2 (Jan 2012)	531,660	528,100	573,310	535,340	477,630	424,340	424,640	396,380	400,580	411,090	514,930	440,900	6,339,820	3,012,860
Unit 3 (Ex CAT 2)	4,220	7,210	5,760	25,900	0	0	0	7,210	500	0	2,470	12,400	95,330	22,580
Unit 4 (Jul 13 - Singapore)	0	0	0	0	168,190	318,440	287,800	324,010	312,450	269,770	262,690	147,100	168,190	1,922,260
Diesel Generation Total (kWh)	1,087,460	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	13,092,590	8,192,760
Airport Solar Panel	7,870	5,681	7,348	7,135	6,856	9,064	8,396	7,927	7,723	8,145	9,316	8,112	84,370	58,683
High School Solar Grid Connect	12,903	13,162	16,838	22,780	19,158	23,956	14,955	17,966	18,264	22,568	28,693	25,989	203,272	152,391
Solar PV Generation Total (kWh)	20,773	18,843	24,186	29,915	26,014	33,020	23,351	25,893	25,987	30,713	38,009	34,101	287,642	211,074
Total Generation (kWh)	1,108,233	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	13,380,232	8,403,834
Maximum Demand (kW)	2,110	2,240	2,230	2,250	2,200	2,290	2,280	2,260	2,180	2,170	2,407	2,334	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	9,100
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	8,400
Unit 4 (Jul 13 - Singapore)	0	0	0	0	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	0	11,200
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	4,230	3,324	3,626	3,699	3,180	3,405	3,503	3,428	2,838	3,453	3,314	0	52,826	19,941
Running Hours														
Unit 1 (Jan 2012)	653	706	736	738	564	469	493	519	486	496	551	717	8,168	3,731
Unit 2 (Jan 2012)	637	712	738	708	608	486	494	479	489	492	611	550	8,151	3,600
Unit 3 (Ex CAT 2)	2	12	11	43	0	0	0	11	1	0	6	20	132	38
Unit 4 (Jul 13 - Singapore)	0	0	0	0	192	259	207	223	242	215	249	153	192	1,548
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,292	1,430	1,485	1,489	1,364	1,214	1,194	1,231	1,218	1,203	1,417	1,439	16,642	8,915

Power Table 3 Fuel & Lube Oil Statistics – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	FY 2015	FY 2016 YTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	37,219	37,700	39,050	39,499	32,091	28,325	29,443	31,848	27,441	28,210	31,751	42,769	439,986	219,788
Unit 2 (Jan 2012)	35,971	37,038	38,792	36,396	33,464	28,848	29,047	27,609	27,661	27,889	35,619	31,293	431,893	207,967
Unit 3 (Ex CAT 2)	324	554	442	1,990	0	0	0	680	40	0	188	909	7,493	1,817
Unit 4 (Jul 13 - Singapore)	0	0	0	0	11,683	24,807	22,178	24,439	23,765	21,361	19,362	10,772	11,683	146,684
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	73,514	75,292	78,284	77,885	77,238	81,980	80,668	84,576	78,908	77,460	86,920	85,744	891,055	576,256
Average Fuel Price (\$/Gallon)	3.16	3.26	3.25	3.08	2.94	2.89	2.94	2.86	2.65	2.70	2.33	2.47	3.37	2.69
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	0	0	0	0	0	20	25	0	30	12	10	40	0	137
Unit 2 (Jan 2012)	5	10	15	10	0	15	70	95	40	60	63	58	65	401
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	5	10	15	10	0	35	95	95	70	72	73	97	65	537
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	95	95	190	95	95	95	95	95	95	95	190	95	1,520	760
Unit 2 (Jan 2012)	95	95	95	190	95	95	95	95	95	95	190	95	1,425	760
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	95	0	0	0	0	0	95
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	95	95	180	95	0	95	95	0	655
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	190	285	285	190	285	285	465	285	190	475	285	2,945	2,270

Power Table 4 Power Distribution Statistics – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	YTD 2015	YTD 2016
Number of Outages (Frequency)														
Forced - Generation	1	0	1	2	5	4	2	2	3	2	3	0	14	16
Planned - Generation	0	1	0	0	0	0	0	1	1	0	0	0	1	2
Total Number of Outages (Gen)	1	1	1	2	5	4	2	3	4	2	3	0	15	18
Forced - Distribution	8	7	9	10	20	16	12	11	19	13	23	0	115	94
Feeder 1	0	1	1	2	5	3	2	3	4	2	4	0	13	18
Feeder 2	2	3	2	2	5	4	2	2	3	2	4	0	30	17
Feeder 3	3	1	2	3	5	3	3	2	4	2	5	0	35	19
Feeder 4	3	2	4	3	5	3	5	2	3	5	4	0	37	22
Feeder 5						3	0	2	5	2	6	0		
Planned - Distribution	0	4	0	3	2	4	6	8	5	4	0	0	36	27
Feeder 1	0	1	0	0	0	2	0	1	1	0	0	0	3	4
Feeder 2	0	1	0	0	1	1	2	4	1	3	0	0	3	11
Feeder 3	0	1	0	3	1	0	0	1	1	0	0	0	14	2
Feeder 4	0	1	0	0	0	0	2	2	1	1	0	0	16	6
Feeder 5						1	2	0	1	0	0	0		
Total Number of Outages (Dist)	8	11	9	13	22	20	18	19	24	17	23	0	151	121

Power Table 5 Power Outage Statistics – May 2015 to April 2016

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	YTD 2015	YTD 2016
Duration of Outages (Hrs)														
Forced - Generation	0.1	0.0	0.4	0.3	0.6	0.2	0.4	0.2	0.5	0.3	0.3	0.0	29.6	2.0
Planned - Generation	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.2	2.5	0.0	0.0	0.0	4.0	5.7
Total Duration Gen Outage (Hrs)	0.1	4.0	0.4	0.3	0.6	0.2	0.4	3.4	3.0	0.3	0.3	0.0	33.6	7.7
Forced - Distribution	2.1	4.0	8.4	2.1	0.6	1.0	3.8	1.5	12.5	3.5	2.8	0.0	226.7	25.1
Feeder 1						0.3	0.3	0.7	2.5	0.3	0.4	0.0		4.5
Feeder 2						0.2	0.3	0.2	2.5	0.3	0.4	0.0		3.8
Feeder 3						0.2	0.5	0.2	2.5	0.2	0.6	0.0		4.2
Feeder 4						0.2	2.8	0.2	2.5	2.5	0.8	0.0		9.0
Feeder 5						0.2	0.0	0.2	2.5	0.2	0.6	0.0		3.7
Planned - Distribution	0.0	3.7	0.0	15.7	3.4	16.9	19.7	37.7	21.2	10.0	0.0	0.0	89.1	105.4
Feeder 1						7.8	0.0	3.4	2.3	0.0	0.0	0.0		13.5
Feeder 2						2.1	9.2	20.7	0.8	7.5	0.0	0.0		40.3
Feeder 3						0.0	0.0	6.1	0.6	0.0	0.0	0.0		6.7
Feeder 4						0.0	7.8	4.1	0.6	2.5	0.0	0.0		15.0
Feeder 5						7.0	2.7	3.4	16.9	0.0	0.0	0.0		30.0
Total Duration Dist Outage (Hrs)	2.1	7.7	8.4	17.8	3.9	18.8	27.3	40.7	46.2	17.0	5.6	0.0	315.8	130.6

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

COMPANY WIDE DATA	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16
Production (Gallons)												
WTP (production less storage difference)	1,404,300	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
Wells	23,136,459	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
Total	24,540,759	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
Volume Billed (Gallons)												
Commercial	647,370	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
Government (excludes hospital)	1,100,520	1,187,650	968,910	1,014,700	959,590	955,350	601,640	432,500	495,720	856,790	746,340	750,280
Government Hospital						1,005,500	600,800	742,600	628,800	617,000	441,900	610,200
Residential	3,183,920	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
Water Delivery and Bunkering						38,000	15,086	2,000	39,000	138,000	267,000	-
Total	4,931,810	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
NRW												
Volume	19,608,949	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
	79.9%	78.8%	82.5%	82.2%	80.7%	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%
Invoiced Water Value (USD)												
Water Delivery and Bunkering								50	\$2,430.00	\$7,350.00	\$15,175.00	\$0.00
Commercial	3,132	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
Government (includes hospital)	5,343	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
Residential	8,138	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
Total	16,613	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
Sewer Charges (USD)												
Commercial	1,183	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
Commercial - w/o water	3,978	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
Government	2,660	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
Residential	891	704	635	327	704	1,456	639	641	\$930.96	\$608.84	\$793.71	\$1,019.42
Residential w/o water	1,670	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

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

COMPANY WIDE DATA	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16
Water Connection Data (No. of Connections)												
Commercial - Billed	61	61	61	59	63	64	65	65	66	69	70	66
Commercial - Disconnected	4	4	5	8	8	6	5	2	3	2	3	4
Commercial - Awaiting Connection	3	3	3	3	3	3	3	3	3	3	2	2
Commercial Avge Consumption - Gall/conn/mth	10,613	14,167	11,897	12,868	11,547	21,142	17,352	30,687	15,584	18,487	13,844	23,620
Government - Billed	18	14	15	13	14	16	15	15	13	19	19	17
Government - Disconnected	1	1	1	3	2	2	2	1	1	2	2	2
Government - Awaiting Connection	1	0	0	0	0	0	0	0	-	-	-	-
Government Avge Consumption - Gall/conn/mth	61,140	84,832	64,594	78,054	68,542	59,709	40,109	28,833	38,132	45,094	39,281	44,134
Hospital - Billed						1			1	1	1	1
Hospital - Disconnected						0			-	-	-	-
Hospital - Awaiting Connection						0			-	-	-	-
Hospital Avge Consumption - Gall/conn/mth						1005500			628800	617000	441900	610200
Residential - Billed	414	392	368	327	334	340	343	340	337	348	357	353
Residential - Disconnected	76	81	108	136	126	119	119	119	118	118	113	120
Residential - Awaiting Connection	27	26	39	49	62	63	61	64	65	62	59	60
Residential Avge Consumption - Gall/conn/mth	7,691	8,080	6,594	5,606	8,194	13,933	7,347	7,952	9,839	8,123	10,386	11,191
Sewer Connection Data (No. of Connections)												
Commercial Billed	32	20	23	29	31	24	23	30	25	35	39	37
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	11	7	9	7	8	11	10	10	13	18	18	16
Residential Billed	217	151	171	142	134	127	136	135	139	140	158	169
Residential Billed w/o water	160	161	159	151	144	198	193	177	195	190	183	173
SEWER OVERFLOWS												
North Zone	0	0	0	1	1	0	1	0	0	0	0	0
South Zone	2	1	1	3	1	1	0	0	1	0	0	0

Water Table 3 Zonal Water Use Statistics – FY2016

ZONAL NRW - April 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	712,500	390,160	322,340	45%	1	9,135,230	3,126,850	6,008,380	66%
2	10,900,656	4,347,016	6,553,640	60%	2	93,052,790	26,651,936	66,400,854	71%
3	1,422,844	400,770	1,022,074	72%	3	8,837,948	1,999,570	6,838,378	77%
4	1,161,294	107,543	1,053,751	91%	4	6,583,754	901,603	5,682,151	86%
5	239,800	0	239,800	-	5	239,800	13,210	226,590	-
6	3,258,695	1,407,860	1,850,835	57%	6	14,904,549	8,662,420	6,242,129	42%
7	27,951	11,800	16,151	-	7	243,151	72,200	170,951	-
8	235,428	198,590	36,838	16%	8	2,204,708	1,594,110	610,598	28%
Total	17,959,168	6,863,739	11,095,429	62%	Total	135,201,930	43,021,899	92,180,031	68%
ZONAL WATER CONSUMPTION - April 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	Avge Use -Gallons/Connection				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	4,250	36,000	-	7,018	1	36,498	#DIV/o!	-	6,620
2	18,064	54,848	-	9,098	2	14,542	39,169	-	7,993
3	0	11,710	-	39,613	3	0	11,470	-	12,216
4	6,900	0	-	9,051	4	6,070	0	-	9,115
5	0	0	-	2,288	5	#DIV/o!	#DIV/o!	-	443
6	130,238	#DIV/o!	610,200	0	6	44,960	#DIV/o!	576,657	11,109
7	0	0	-	3,413	7	0	0	-	2,157
8	13,600	0	-	6,821	8	2,100	34,060	-	5,424
Total	13,844	39,281	441,900	10,386	Total	20,776	43,202	663,829	9,984

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



HEALTH & SAFETY REPORT: FY2016 - April 2016

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	April 2016						YEAR TO DATE - FY2016					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,651	0	0	0	0	0	11,424	0	0	0	0	0
Maintenance	8	1,499	0	0	0	0	0	10,261	0	0	0	0	0
Power Distribution - Line	20	4,066	0	0	0	0	0	25,214	0	0	0	0	0
Power Distribution - Contractors	14	2,809	0	0	0	0	0	14,866	0	0	0	0	0
Water & Sewer	12	2,237	0	0	0	0	0	13,227	0	0	0	0	0
Water & Sewer Contractors	12	2,588	0	0	0	0	0	15,396	0	0	0	0	0
Fin, Admin, Cust Care	17	2,498	0	0	0	0	0	17,121	0	0	0	0	0
TOTAL	92	17,348	0	0	0	0	0	107,508	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

237,009

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	April 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	67	0	67
Maintenance	8	49	0	49
Power Distribution - Line	20	171	0	171
Power Distribution - Customer	14	48	0	48
WSS _ Treatment/Prod	12	111	0	111
WSS Networks	12	0	0	0
Finance, Admin Cust Coord	17	196	0	196
TOTAL	92	642	0	642
Sick Hours as Percentage of Total Hours Worked		3.7%	0.0%	3.7%

Year To Date FY2016		
Total Hours Sick	Accident Related	Poor Health
619	0	619
214	0	214
1,574	0	1,574
357	0	357
553	0	553
25	0	25
1,864	0	1,864
5206	0	5206
4.8%	0.0%	4.8%

DEPARTMENT	Number of Staff	April 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	4.1%	0.0%	4.1%
Maintenance	8	3.3%	0.0%	3.3%
Power Distribution - Line	20	4.2%	0.0%	4.2%
Power Distribution - Customer	14	1.7%	0.0%	1.7%
WSS _ Treatment/Prod	12	0.0%	0.0%	0.0%
WSS Networks	12	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	17	7.8%	0.0%	7.8%
TOTAL	92	3.7%	0.0%	3.7%

Administration Table 2 Attendance Summary – April 2016 & FY 2016

DEPARTMENT	April 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 claimed
		Regular	Overtime						Regular	Overtime						
Power Generation	9	1,374	277	2	67	97	1,818	0	8,482	1,527	162	619	301	11,091	0	5.6%
Maintenance	8	1,289	211	3	49	47	1,598	0	9,063	1,198	414	214	449	11,338	28	1.9%
Power Distribution - Line	20	3,127	939	23	171	123	4,383	0	19,681	5,534	1,013	1,574	1,155	28,956	11	5.4%
Power Distribution - Contractors	14	2,809	0	0	48	1	2,858	0	14,500	366	188	357	95	15,505	0	2.3%
Water & Sewer	12	1,870	367	5	111	72	2,425	0	10,756	2,471	342	553	885	15,006	1	3.7%
Water & Sewer Contractors	12	2,587	1	0	0	0	2,588	0	15,008	388	203	25	204	15,828	20	0.2%
Fin, Admin, Cust Care	17	2,231	267	17	196	245	2,955	74	15,432	1,689	845	1,864	2,073	21,903	259	8.5%
TOTAL	92	15,287	2,062	50	642	585	18,625	74	92,922	13,172	3,167	5,206	5,162	#####	320	4.4%
Hours as % of Total Hours Claimed		82.1%	11.1%	0.3%	3.4%	3.1%		0.4%	77.7%	11.0%	2.6%	4.4%	4.3%		1.7%	

CAPEX Table 1 Major Capex Project Summary – End April 2016

CPUC - MAJOR CAPEX PROJECTS SUMMARY - April 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				Apr-15
4 - Installation and other services	3,302,460.00	3,124,531.13	94.6%	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	30,920.27		
Contingency	173,867.00	116,126.00	66.8%	Mar-16
Total Budget	3,651,199.00	3,334,502.40	91.3%	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 30% complete - target completion end Q4 FY2016;				
WENO POWER PLANT REHABILITATION PROJECT				
Site visit was held 10 to 14 April 2016 to review site layout and logistics; First payment is scheduled for mid May;				
RJE are setting up the performance bond with the Australian Government Export Finance Agency (EFIC); This should be in place by mid May;				
Design discussions have been held in April with final sign off anticipated in May 2016				

CAPEX Table 2 Capex Summary Sheet – End April 2016

Chuuk Public Utility Corporation Capex Summary Sheet as of April 30, 2016							
	A	B	C	D (B-C)	E (A-B)	F	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted (Funded By Ops)	Cash Drawdown	Cash Balance
ADB Loan							
OCR	2,800,000	2,788,915	2,788,915	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	7,613,058	3,318,524	4,294,535	76,942	4,440,000	1,121,476
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	153,872	270,868	101,060	234,450	80,578
WWTP Phase 1 D14AF0042	955,000	922,500	896,127	26,373	32,500	909,000	12,873
WWTP Phase 2 D14AF00048	3,700,000	3,684,501	3,119,971	564,531	15,499	3,285,997	166,026
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	26,889,896	25,528,600	20,205,629	5,322,971	261,295	21,553,458	1,393,704