

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

September 2017



Issued: 23 October 2017

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Sep-17	YTD 2017	US\$/kWh Sold		US\$/kWh generated	
			Sep-17	YTD 2017	Sep-17	2017 YTD
Revenue	617,220	6,625,775	0.507	0.486	0.425	0.403
Variable Costs	284,098	3,198,687	0.233	0.235	0.195	0.195
Fixed Costs	211,809	2,297,574	0.174	0.169	0.146	0.140
Total Expenses	495,907	5,496,261	0.407	0.403	0.341	0.335
Operating result	121,313	1,129,515	0.100	0.083	0.083	0.069
	kWh	kWh				
Power generation	1,453,444	16,425,830				
<i>Diesel</i>	1,423,860	16,090,838				
<i>Solar</i>	29,584	334,993				
<i>Solar PV as % of Total Generation</i>	2.0%	2.0%				
<i>Avoided Cost of Fuel - US\$</i>	5,762	64,767				
<i>Tons of CO2 Avoided</i>	20.0	227.7				
					Sales	
Government Sales	247,551	2,639,610	Feeder	Conn's	kWh	2017 YTD
Commercial Sales	623,285	7,166,377	F1	484	312,270	3,154,407
Residential Sales	287,248	3,131,280	F2	366	94,388	1,165,521
Intercompany Sales	61,934	702,937	F3	413	408,813	4,599,543
Sales Accrual	-2,981	-13,026	F4	372	315,280	3,988,845
Total Sales	1,217,037	13,627,179	F5	419	76,754	764,518
Power Loss	16.3%	17.0%	Total	2,054	1,207,505	13,672,834
Operating ratio	0.80	0.83	NB - Error on Total and Feeder sales YTD is <1.0%;			
Water Produced - Gallons	19,069,400	213,913,622				
Water Sold - Gallons	7,171,132	74,529,479				
Non Revenue Water	62.4%	65.2%				

Daily generated output in September was 48,448 kWh/day; 0.7% lower than August. Average daily sales were 40,568 kWh/day; 1.3% lower than July. Total power loss was 16.3% (FY2017 - 17.0%).

Average fuel efficiency in September was 14.94 kWh/gallon. Fuel efficiency for FY2017 is 14.91 kW/gallon. The split of power users for total sales in September was as follows:

Government – 22.1%; Commercial – 52.7%; Residential – 2.7%; Intercompany 5.2%; Accrual -0.2%;

Solar PV generation in September was 29,584 kWh or 2.0% of total generation. The avoided cost of fuel was US\$5,762 and the amount of Carbon Dioxide avoided was 20.0 tons.

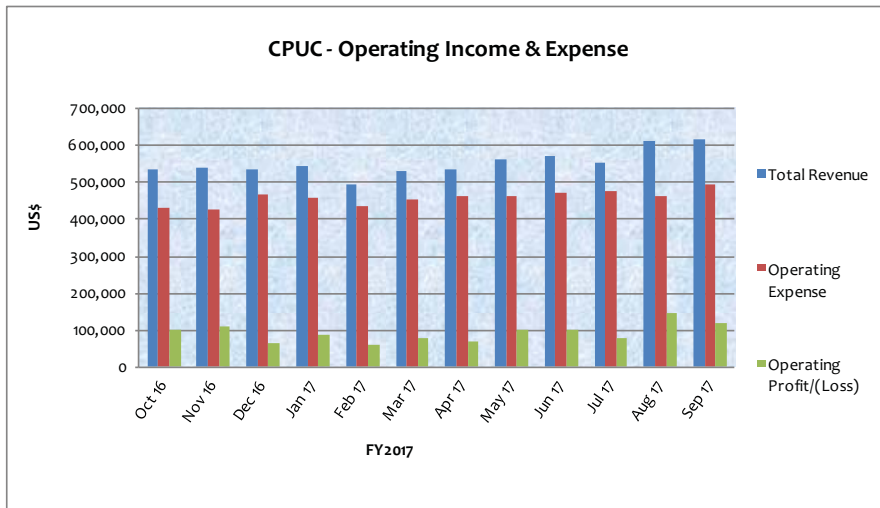
From a commercial perspective the operating result for August was US\$121,313 with an operating ratio of 0.80 – Operating Result YTD is US\$1,129,515.

Non-revenue water average FY2017 is 65.2%.

Work in Tonoas continued with old line clearance; preparation of materials for delivery in early September was started in August. RFQ’s for M&E and civil works for the Tonoas water project were prepared and will be issued in September.

The power plant inauguration was held on 22nd September 2017; representatives from all FSM states were present as well as JICA representative; apologies were received from all other development partners and OIA.

1 FINANCIAL PERFORMANCE GRAPHS



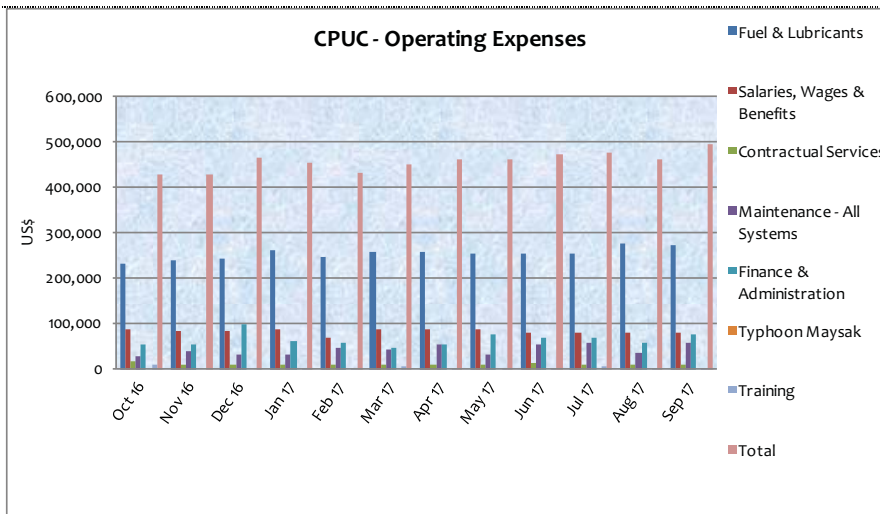
1.1 Key Points:

FY2017 Operating income before Depreciation & Interest :

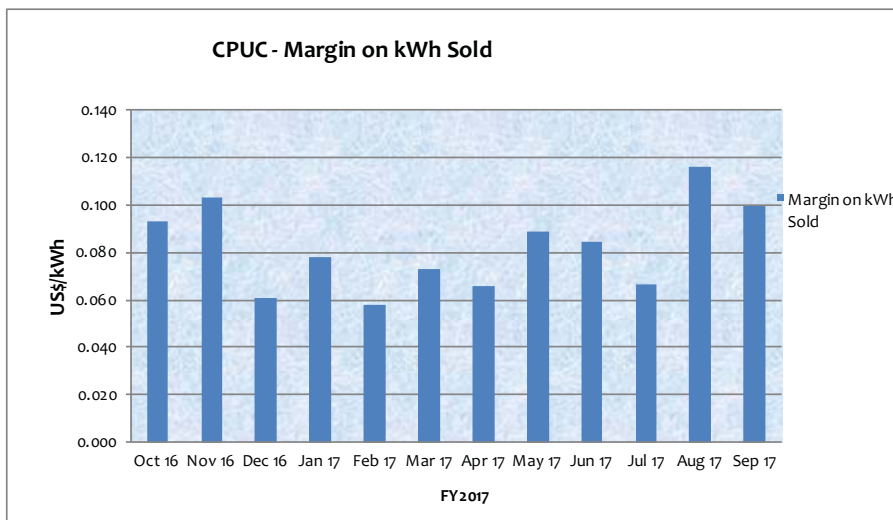
September 2017 US\$121,313;

FY2017 US\$1,129,515 k

Operating ratio: YTD 0.83;

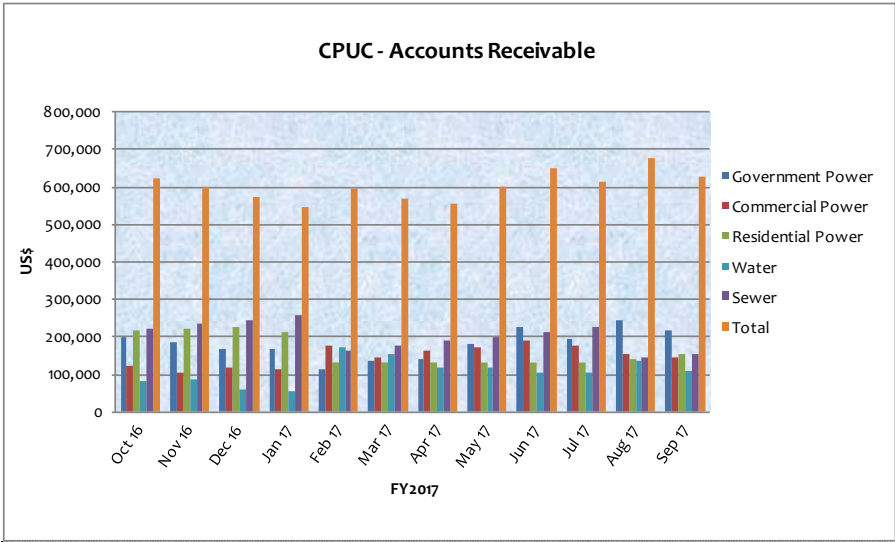


1.2 Key Points:

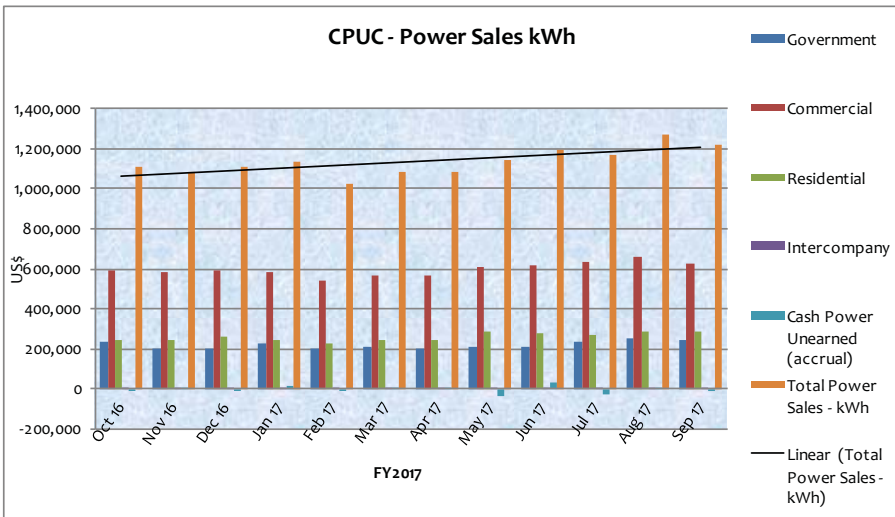


1.3 Key Points:

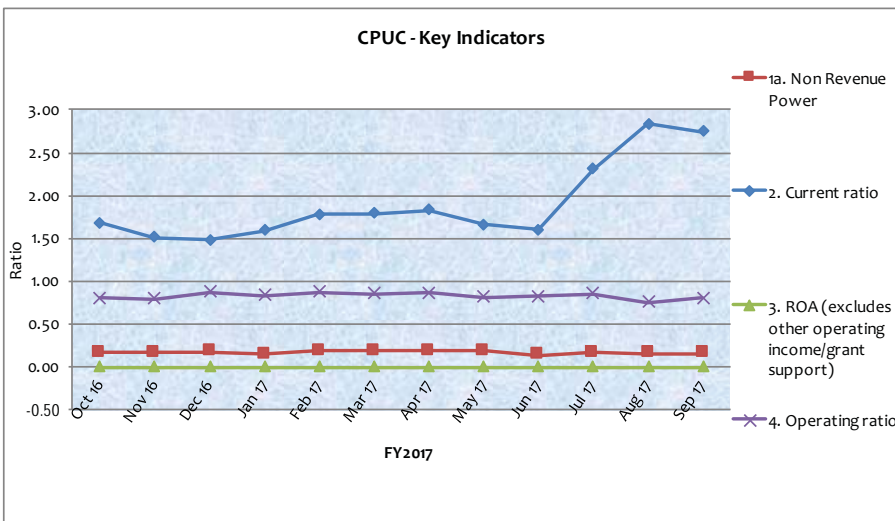
Avg for FY2017 YTD US\$ 0.082/kWh sold



1.4 Key Points:



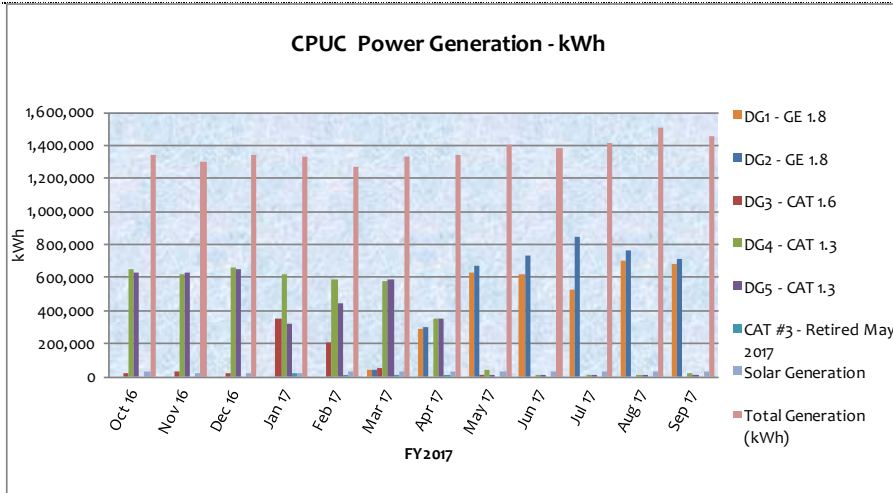
1.5 Key Points:



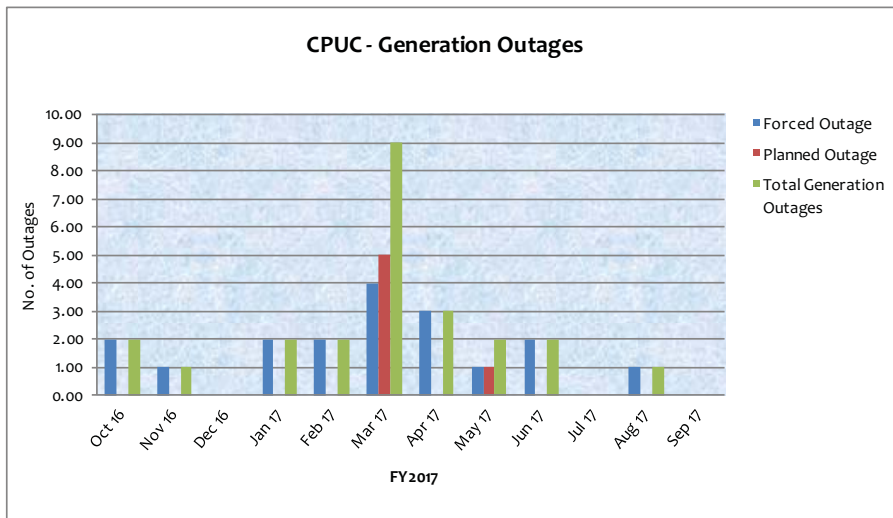
1.6 Key Points:

Increase in Current ratio related to liquidation of collateral held with VITAL for fuel supply.

2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



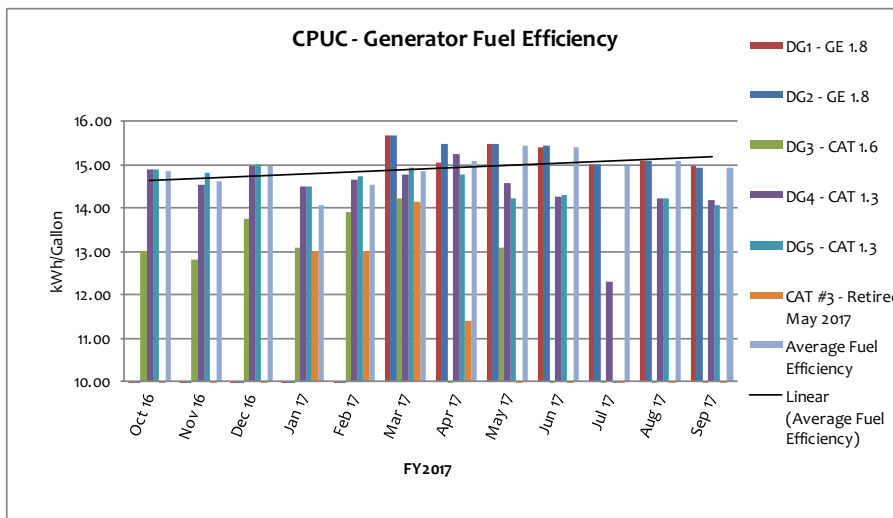
2.1 Key Points:



2.2 Key Points:

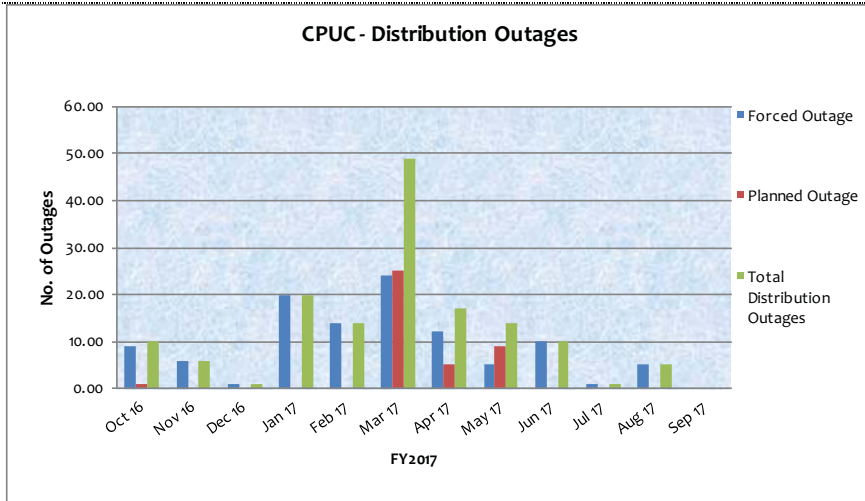
Planned outages taken for the transition of feeders from old sub-station to new switchroom;

Forced outages from March to May due to commissioning of new power plant



2.3 Key Points:

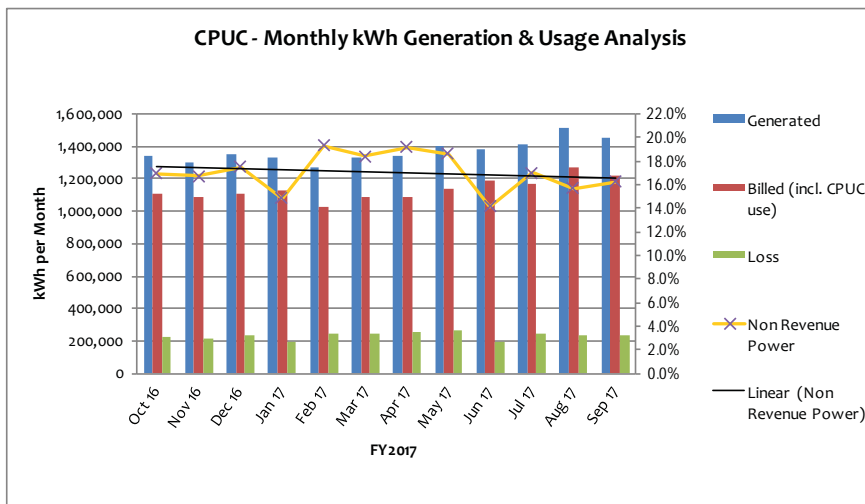
Avg fuel efficiency in FY2017: 14.91kWh/gall.



2.4 Key Points

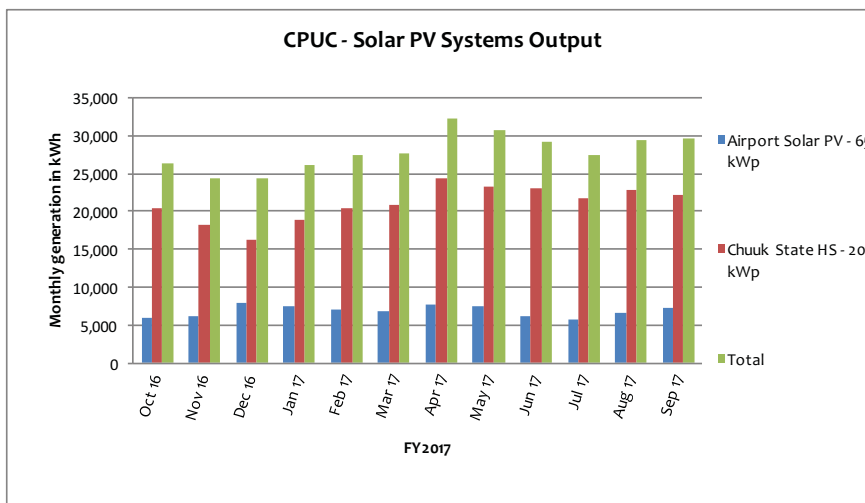
Forced outages due to initial protection settings – these have been revised.

F1 trip in July affected only F1 – this indicates the feeder settings are now correctly set



2.5 Key Points:

Power loss ave. for 2017 – 17.0%;



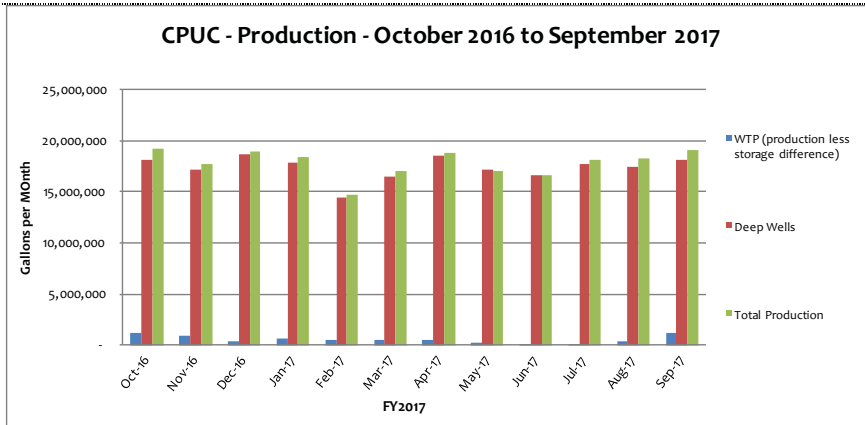
2.6 Key Points:

Solar PV accounted for 2.0% of CPUC generation in FY2017;

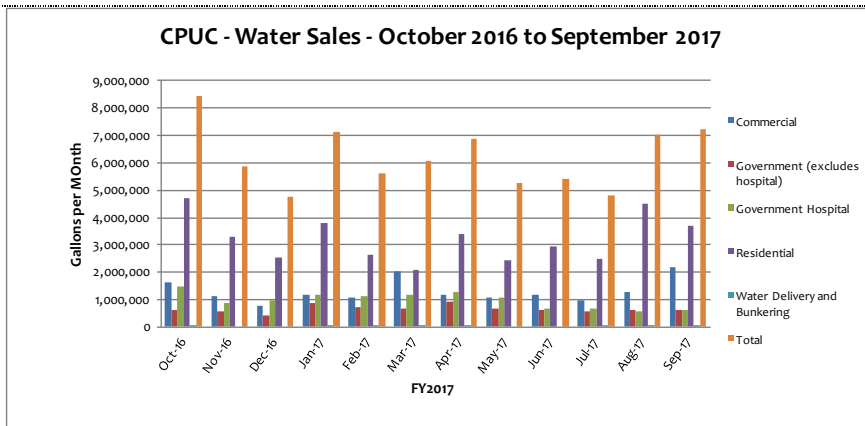
The avoided cost of fuel was: US\$64,767.

Avoided Tons of CO₂ was 227.7 Tons;

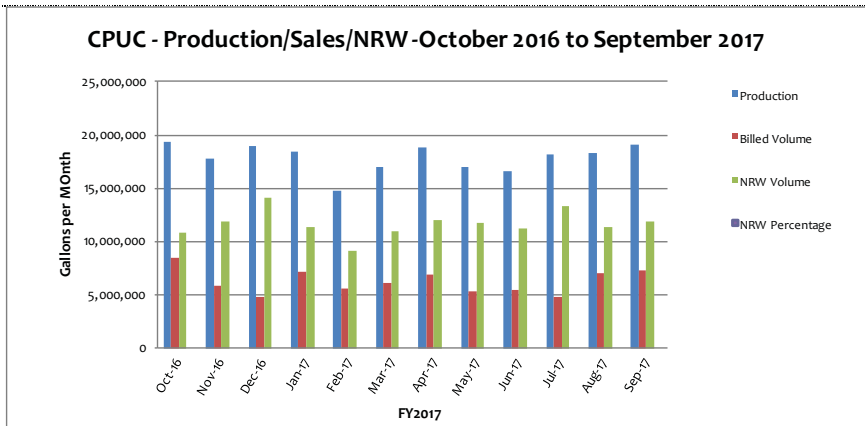
3 WATER PERFORMANCE GRAPHS



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



Key Points:



Key Points:
Investigations is ongoing into illegal connection identification; production is also being controlled by timer to minimize production into supply.

Financial Table1 P & L Statement – October 2016 to September 2017

Revenue - US\$	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY 2016	FY 2017
Operating revenue:														
a. Power Sales	485,204	477,906	492,115	502,982	460,061	493,012	489,635	509,187	533,581	518,602	553,082	544,644	5,449,988	6,070,012
b. Water Sales	29,946	21,364	15,354	26,930	20,318	21,229	24,287	20,266	19,739	17,692	22,612	26,209	282,889	265,945
c. Sewer Sales	14,245	10,619	10,792	12,160	10,177	11,536	13,488	12,477	11,789	11,325	9,897	11,086	148,674	139,592
d. Other operating revenue													0	0
Revenue - Total	532,897	540,514	533,881	544,458	493,212	531,035	534,271	561,571	573,100	553,449	610,267	617,220	6,096,822	6,625,775
Expenses - US\$														
Fuel & Lubricants	332,779	240,472	243,493	263,079	247,101	259,358	258,775	254,192	254,690	253,613	275,449	271,311	2,773,125	3,054,312
Salaries, Wages & Benefits	89,073	85,117	85,138	88,067	70,403	85,856	87,215	88,045	80,751	80,063	78,866	78,922	854,982	997,515
Contractual Services	17,284	9,422	9,069	9,755	10,194	10,053	8,034	8,642	11,806	8,299	9,954	9,716	172,034	122,226
O&M - Power Generation	5,744	5,174	3,368	11,725	25,695	19,391	19,009	7,752	21,165	9,142	9,844	18,256	364,702	156,265
O&M - Power Distribution	5,515	11,410	7,154	1,844	3,800	6,065	9,746	3,455	10,166	23,871	11,215	19,359	132,516	113,700
O&M - Water	3,243	2,122	400	4,194	3,385	3,794	7,341	5,268	2,768	4,521	2,577	1,374	66,913	40,988
O&M - Sewer	705	763	841	107	461	98	0	0	0	1,836	0	291	11,760	5,103
Finance & Administration Overheads	42,995	43,493	84,402	49,900	43,938	36,257	42,622	63,761	58,967	59,446	44,579	61,816	508,139	632,176
Vehicle & Eq. Fuel	12,491	19,460	19,292	12,943	13,804	13,967	16,107	14,245	19,000	19,500	13,290	19,754	190,788	193,854
CPUC Power Usage (incl. in O&M from Oct 15)	11,174	11,033	13,439	12,157	12,642	10,915	11,908	12,846	10,467	10,903	14,103	12,786	237,605	144,375
Training	8,405	0	0	2,321	2,321	6,371	2,321	2,321	2,321	4,466	2,583	2,321	33,373	35,748
Expense - Total	429,408	428,465	466,596	456,093	433,743	452,125	463,076	460,526	472,101	475,760	462,460	495,907	5,335,937	5,496,261
Operating Income/(Loss)	103,489	112,049	67,185	88,366	59,469	78,910	71,195	101,045	101,000	77,689	147,807	121,313	760,884	1,129,515
Non-Cash Expenses - US\$														
Depreciation	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	673,686	1,177,732
Interest Expense	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	126,319	73,620
Non-Cash Expense - Total - US\$	104,281	104,281	104,281	104,281	104,281	104,281	104,281	104,281	104,281	104,281	104,281	104,281	800,005	1,251,372
Net Income/(Loss) - excluding grant support - US\$	-792	7,768	-37,096	-15,915	-44,812	-25,371	-33,086	-3,236	-3,281	-26,592	43,526	17,032	-39,121	-121,857
Non-operating Income (Grant Support) - US\$	386,334	30,299	517,938	494,267	84	15,050	37,908	112	126,524	90,177	80	15,682	43,156	1,714,456
Net Income/(Loss) - including grant support - US\$	385,543	38,067	480,842	478,352	-44,728	-10,322	4,821	-3,124	123,242	63,585	43,606	32,714	4,035	1,592,600

Financial Table 2 Cash Flow and A/R Report – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY2016	FY2017
Cash Flow Report - US\$														
Receipts	817,295	475,496	1,103,561	946,708	511,603	550,566	519,856	417,811	676,366	629,035	513,172	651,726	13,344,029	7,815,194
Disbursements	878,275	803,772	1,130,611	681,550	709,246	492,244	529,199	678,086	673,474	473,293	428,197	492,831	12,918,230	7,970,778
Net receipts/Disbursements	-60,980	-328,276	-27,050	265,158	-197,643	58,322	-9,343	-260,276	2,892	155,742	84,975	158,895	425,799	-157,584
Cash balance (beginning)	1,445,550	1,384,570	1,056,294	1,029,244	1,294,402	1,096,759	1,155,081	1,145,738	885,462	888,354	1,044,096	1,129,071	1,969,120	1,445,550
Cash balance (end)	1,384,570	1,056,294	1,029,244	1,294,402	1,096,759	1,155,081	1,145,738	885,462	888,354	1,044,096	1,129,071	1,287,966	1,445,550	1,387,966
Other Financial Data - US\$														
Cash in Hand	1,394	1,394	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,394	1,694
Cash in Banks (Bank Overdraft)	1,383,176	1,054,900	1,027,550	1,292,709	1,095,065	1,153,387	1,144,044	883,768	886,660	1,042,402	1,127,377	1,286,273	1,444,156	1,286,273
Stocks	1,216,385	1,255,575	1,284,593	1,321,700	1,348,139	1,369,183	1,345,795	1,431,692	1,454,699	1,505,676	1,520,376	2,006,204	1,202,928	2,006,204
Trade Receivable	527,503	538,405	506,981	493,945	515,461	501,550	501,941	560,037	566,722	540,732	524,949	486,171	432,192	486,171
Prepaid Lease	247,139	245,562	243,985	255,043	334,640	333,063	331,486	329,908	294,929	293,352	291,775	290,197	1,134,799	290,197
Collateral with Vital Inc.	897,158	908,615	920,448	931,834	942,375	956,123	966,587	978,502	989,959	464,751	477,124	489,039	489,039	489,039
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	1,858,828	1,897,589	1,898,611	1,955,203	1,665,033	1,691,428	1,637,812	1,737,127	1,824,649	1,342,269	1,288,699	1,378,127	4,817,912	1,378,127
Loans Payable	4,813,813	4,809,714	4,805,099	4,675,053	4,670,954	4,666,855	4,666,855	4,661,865	4,407,245	4,407,245	4,407,245	4,390,849	2,101,725	4,390,849
Total Accounts Receivable (to date) - US\$														
Government Power	199,128	186,489	169,281	167,823	115,023	137,753	139,139	181,747	224,079	196,640	243,787	217,607	143,797	217,607
Commercial Power	124,225	106,452	118,825	111,500	176,755	143,019	163,609	171,664	188,770	177,878	155,409	146,611	93,596	146,611
Residential Power	216,303	223,637	225,292	212,132	131,909	132,646	133,895	132,117	132,682	133,138	140,967	153,188	214,622	153,188
Water	84,091	84,625	59,875	56,390	170,998	155,819	119,497	116,231	106,092	106,652	138,090	110,983	82,136	110,983
Sewer	223,597	234,848	245,408	257,800	163,434	174,970	188,459	200,935	212,723	224,048	144,320	155,406	209,741	155,406
Allowance for Doubtful	-311,700	-311,700	-311,700	-311,700	-242,657	-242,657	-242,657	-242,657	-242,657	-297,625	-297,625	-297,625	-311,700	-297,625
Total	535,644	524,351	506,981	493,945	515,461	501,550	501,941	560,037	566,722	540,732	524,949	486,171	432,192	486,171



Financial Table 3 Power Sales Report – October 2016 to September 2017

Power Sales Report	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY2016	FY2017
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	58,177	58,612	55,968	58,916	56,443	56,946	57,770	61,941	56,233	61,757	71,113	73,188	687,955	727,053
Government - Pre Paid (Cash Power)	47,105	30,976	34,131	41,869	33,271	39,012	34,833	33,975	38,175	44,114	41,653	40,930	380,886	460,032
Government Streetlights	1,707	2,591	3,362	3,534	3,622	3,685	3,685	3,769	3,685	3,769	3,769	2,510	31,152	39,678
Solar	3,671	3,671	3,671	3,558	3,558	3,558	3,723	3,723	3,723	3,442	3,442	3,442	39,393	43,184
Government Scratchcard	111	37	0	56	102	121	169	41	150	273	93	75	46	1,228
Government Total	110,772	95,888	97,132	107,922	96,996	103,322	100,169	103,448	101,956	113,355	120,070	120,144	1,139,342	1,271,175
Commercial - Post Paid	199,103	198,666	199,201	205,362	186,822	196,304	196,401	208,472	209,661	209,661	223,359	212,737	2,194,067	2,444,768
Commercial - Pre Paid (Cashpower)	64,693	63,376	70,325	63,030	63,372	67,872	66,224	72,103	75,401	75,390	75,138	73,653	734,527	830,477
Commercial - Scratchcard	844	1,374	701	683	1,043	888	1,105	759	809	790	883	698	876	10,577
Commercial Total	264,640	263,415	270,227	268,075	251,237	265,064	263,729	281,334	284,891	286,741	299,380	287,088	2,939,470	3,285,822
Residential - Post Paid	4,769	4,870	4,915	5,157	5,031	5,415	5,292	5,268	4,741	3,004	4,262	5,983	57,246	58,708
Residential - Pre Paid (Cashpower)	90,299	91,996	102,134	92,137	86,838	96,525	94,926	112,595	106,676	104,386	110,082	109,324	1,041,498	1,197,919
Residential Scratch Card Sales	6,942	6,906	6,249	6,542	6,613	6,467	7,300	7,193	7,726	8,207	8,315	8,567	15,382	87,027
Residential Total	102,010	103,772	113,299	103,835	98,482	108,408	107,518	125,055	119,143	115,598	122,660	123,873	1,114,126	1,343,653
Trade Power Sales Total	477,422	465,075	480,658	479,833	446,715	476,793	471,417	509,838	505,990	515,694	542,110	531,105	5,182,939	5,900,650
Intercompany - CPUC Office	729	766	915	744	828	1,032	1,081	1,001	943	999	1,139	1,151	17,401	11,328
Intercompany - CPUC Power Operation	1,143	1,303	1,685	2,727	1,530	2,104	2,272	2,109	1,750	1,548	1,597	1,670	22,573	21,437
Intercompany - CPUC Water Operations	6,659	4,932	5,265	5,077	5,756	4,671	5,366	6,987	5,101	4,723	6,766	6,766	134,388	67,377
Intercompany - CPUC Sewer Operations	4,515	6,101	8,174	7,080	6,886	6,244	6,541	5,859	5,366	6,181	8,029	6,021	103,217	76,998
Cash Power UnEamed	-5,263	1,730	-4,581	7,520	-1,654	2,167	2,959	-16,608	14,431	-10,543	4,134	-2,069	-10,332	-7,778
Total Power Sales - US\$	485,204	477,906	492,115	502,982	460,061	493,012	489,635	509,187	533,581	518,602	563,082	544,644	5,448,186	6,070,012
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	124,932	123,313	117,325	122,983	116,188	116,433	119,018	128,498	117,148	129,978	149,566	152,332	1,490,862	1,517,715
Government - Pre Paid (Cash Power)	101,214	65,502	71,523	87,300	68,474	79,779	71,637	70,487	79,415	93,696	87,580	85,022	826,784	960,628
Government - Street Lights	6,830	10,364	13,448	14,095	14,487	14,740	14,740	15,075	14,740	15,074	15,074	10,042	56,376	158,709
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	239	78	0	117	210	247	350	85	312	571	195	155	100	2,559
Government Total	233,215	199,257	202,296	224,496	199,359	211,199	205,744	214,145	211,614	238,320	252,416	247,551	2,374,122	2,639,610
Commercial - Post Paid	445,322	440,341	434,059	450,252	401,351	419,074	421,524	451,750	454,124	464,095	490,941	462,143	4,974,330	5,334,978
Commercial - Pre Paid (Cashpower)	145,248	139,933	153,817	134,965	136,020	144,717	142,081	156,068	163,666	167,339	164,921	159,628	1,664,835	1,808,404
Commercial Scratchcard	1,891	3,005	1,530	1,489	2,238	1,893	2,370	1,643	1,756	1,734	1,935	1,514	1,987	22,996
Commercial Total	592,462	583,279	589,407	586,706	539,609	565,685	565,975	609,461	619,545	633,168	657,797	633,285	6,641,152	7,166,377
Residential - Post Paid	11,480	11,456	11,540	12,131	11,437	12,337	12,162	12,194	11,025	7,101	10,005	13,853	139,074	136,720
Residential - Pre Paid (Cashpower)	217,430	217,588	239,134	214,521	199,262	219,925	217,719	260,696	247,739	245,153	258,713	253,475	2,533,459	2,791,357
Residential Scratch Card Sales	16,694	16,220	14,610	15,212	15,165	15,179	16,789	16,653	17,935	19,294	19,531	19,920	36,616	203,203
Residential Total	245,604	245,263	265,284	241,865	225,864	247,442	246,670	289,544	276,699	281,548	288,249	287,248	2,709,149	3,131,280
Trade Power Sales Total	1,071,281	1,027,799	1,056,987	1,053,067	964,832	1,024,325	1,016,389	1,113,149	1,107,859	1,143,035	1,198,462	1,158,084	11,724,422	12,937,268
Intercompany - CPUC Office	2,891	3,040	3,629	2,954	3,286	4,096	4,288	3,973	3,744	3,966	4,520	4,520	39,023	44,954
Intercompany - CPUC Power Operation	4,534	5,170	6,685	10,821	6,070	8,350	9,015	8,371	6,944	6,144	6,337	6,627	50,902	85,068
Intercompany - CPUC Water Operations	26,426	19,572	20,894	20,146	22,840	18,537	21,295	27,728	20,242	18,741	24,100	26,848	304,560	267,369
Intercompany - CPUC Sewer Operations	17,916	24,210	32,436	28,097	27,327	24,778	25,958	23,249	21,294	24,526	31,863	23,892	233,739	305,546
Cash Power Unearned (accrual)	-11,832	5,901	-8,986	17,148	-2,091	5,393	5,732	-37,108	31,167	-24,423	9,054	-2,981	-8,322	-13,026
Total Power Sales - kWh	1,111,216	1,085,692	1,111,645	1,132,233	1,022,264	1,085,479	1,084,677	1,139,362	1,191,250	1,171,989	1,274,336	1,217,037	12,344,324	13,627,179

Financial Table 4 Water Sales Report – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY2017
Water/Sewer Sales Report													
Water Sales US\$													
Government	10,309	6,380	6,398	9,257	8,279	8,773	9,861	7,920	5,875	5,962	5,793	6,427	91,234
Commercial	8,078	6,366	5,205	8,418	5,901	8,331	8,435	6,949	6,949	5,747	11,161	10,087	89,298
Residential	13,251	8,685	5,760	9,419	6,872	6,690	8,067	5,912	7,196	5,984	9,223	9,993	97,053
Provision for Billing Errors	-1,693	-67	-2,010	-165	-734	-856	-1,973	0	-281	0	-3,565	-298	-11,640
Total	29,946	21,364	15,354	26,930	20,318	21,229	24,287	20,266	19,739	17,692	22,612	26,209	265,945
Sewer Sales - US\$													
Government	5,018	3,053	3,024	4,068	3,938	4,106	4,612	3,735	2,930	2,973	2,728	2,993	43,177
Commercial	2,966	2,309	2,136	3,024	2,540	2,676	3,593	3,076	3,019	2,604	3,661	4,004	35,408
Commercial with No Water	3,640	3,574	3,574	3,574	3,537	3,537	3,537	3,537	3,537	3,537	3,537	3,537	41,624
Residential	1,168	882	446	676	500	241	565	499	553	462	675	778	10,373
Residential with No Water	1,660	1,622	1,660	1,660	1,650	1,710	1,630	1,630	1,750	1,750	1,790	1,830	20,362
Provision for Billing Errors	-206	-822	-47	-862	-1,988	-734	-448	0	0	0	-2,493	-2,261	-9,862
Total	14,245	10,619	10,792	12,160	10,177	11,536	13,488	12,477	11,789	11,325	9,897	11,086	139,592
Total Water & Sewer Sales	44,191	31,983	26,146	39,089	30,495	32,765	37,775	32,743	31,527	29,017	32,509	37,294	495,536
Water Sales - Gallons													
Government	2,093,490	1,303,180	1,307,760	1,880,580	1,683,950	1,885,440	2,236,500	1,606,880	1,268,320	1,273,230	1,185,780	1,312,240	19,037,350
Commercial	1,660,118	1,353,550	1,223,590	1,791,040	1,283,570	2,054,310	1,990,480	1,388,100	1,435,530	1,198,620	2,359,147	2,166,803	19,104,959
Residential	4,712,842	3,214,520	2,228,980	3,418,710	2,624,970	2,065,850	3,395,083	2,265,223	2,722,540	2,290,260	3,456,080	3,692,089	40,240,893
Water Delivery & Bunkering	1,000	0	10,000	33,550	19,600	80,000	75,298	0	0	49,675	30,900	0	65,386
Total	8,467,450	5,871,250	4,770,330	7,123,880	5,612,190	6,085,600	6,897,361	5,260,203	5,426,390	4,811,785	7,031,907	7,171,132	74,529,479

Financial Table 5 Key Performance Indicators – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY2017
1a. Non Revenue Power													
Total Power Generated - kWh	1,338,296	1,304,122	1,347,532	1,330,138	1,266,861	1,330,589	1,342,523	1,400,699	1,387,326	1,412,334	1,511,967	1,453,444	17.0%
Total Power Billed - kWh	1,111,216	1,085,692	1,111,645	1,132,233	1,022,264	1,085,479	1,084,677	1,139,362	1,191,250	1,171,989	1,274,336	1,217,037	16,425,830
Generation Loss (assumed 6%) - kWh	80,298	78,247	80,852	79,808	76,012	79,835	80,551	84,042	10,668	10,110	10,857	11,194	13,627,179
Distribution Loss Estimate - kWh	113,325	107,580	121,347	84,844	136,914	132,009	143,731	142,278	150,725	194,926	188,975	188,877	682,475
Commercial Loss (assumed 2.5%) - kWh	33,457	32,603	33,688	33,253	31,672	33,265	33,563	35,017	34,683	35,308	37,799	36,336	1,795,531
Total Loss - kWh	227,080	218,430	235,857	197,905	244,597	245,110	252,846	261,337	196,076	240,344	237,631	236,407	410,646
Distribution loss %	8.5%	8.2%	9.0%	6.4%	10.8%	9.9%	10.7%	10.2%	10.9%	13.8%	12.5%	13.0%	10.4%
1b. Non Revenue Water													
Water Produced (million gallons)	56.1%	66.9%	74.8%	61.3%	61.3%	64.2%	63.4%	69.1%	67.4%	73.5%	61.7%	62.4%	65.2%
Water Billed (million gallons)	19.3	17.7	18.9	18.4	14.5	16.99	18.84	17.03	16.65	18.16	18.34	19.07	213.9
2. Current ratio	8.47	5.87	4.77	7.12	5.61	6.09	6.90	5.26	5.43	4.81	7.03	7.17	74.5
3. ROA (excludes other operating income/grant support)	1.68	1.51	1.49	1.59	1.78	1.79	1.83	1.66	1.61	2.31	2.83	2.74	1.83
4. Operating ratio	-0.014%	0.010%	-0.047%	-0.020%	-0.057%	-0.032%	-0.042%	-0.004%	-0.004%	-0.034%	0.055%	0.022%	-0.027
	0.81	0.79	0.87	0.84	0.88	0.85	0.87	0.82	0.82	0.86	0.76	0.80	0.83

Power Table 1 Power Operation Indicators – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY2016	YTD 2017
Generation Statistics														
Diesel Generation - kWh	1,311,890	1,279,810	1,323,200	1,303,900	1,239,510	1,302,904	1,310,264	1,369,918	1,358,206	1,384,846	1,482,530	1,423,860	14,603,440	16,090,838
Peak Generation - kW	2,550	2,559	2,450	2,450	2,530	2,540	2,540	2,575	2,652	2,750	2,850	2,806	2,550	2,850
Fuel Consumption - Gallons	88,269	87,429	88,440	92,648	85,190	87,600	86,842	88,741	88,148	92,387	98,218	95,297	1,030,630	1,079,209
Average Fuel Price (\$/Gallon)	2.72	2.83	2.84	2.91	2.98	3.01	2.93	2.92	2.89	2.78	2.86	2.91	2.70	2.88
Load Factor (%)	66%	67%	69%	69%	70%	66%	67%	71%	70%	69%	71%	69%	63%	65%
Capacity Factor (%)	46%	46%	44%	44%	45%	45%	45%	35%	36%	49%	51%	50%	46%	39%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	900%	100%	100%
Reserve Plant Margin (%)	112%	111%	120%	120%	113%	113%	113%	110%	104%	96%	89%	92%	120%	89%
Solar PV Generation - kWh	26,406	24,312	24,332	26,238	27,351	27,685	32,259	30,781	29,120	27,488	29,437	29,584	356,240	334,993
Solar Generation %	2.0%	1.9%	1.8%	2.0%	2.2%	2.1%	2.4%	2.2%	2.1%	1.9%	1.9%	2.0%	2.4%	2.0%
Peak PV Generation -kW	186	177	172	185	214	216	252	240	228	215	230	231	171	161
Avoided Fuel - Gallons	1,777	1,661	1,626	1,864	1,880	1,861	2,138	1,994	1,890	1,834	1,950	1,980	25,134	22,455
Avoided Cost of Fuel - US\$	4,833	4,700	4,619	5,425	5,602	5,603	6,265	5,822	5,462	5,098	5,578	5,762	67,317	64,767
Tons of CO2 avoided	18.1	16.9	16.5	18.9	19.1	18.9	21.7	20.3	19.1	18.5	19.7	20.0	255.4	227.7
Labour Productivity (kWh/Emp/d)	1,322	1,333	1,334	1,314	1,383	1,454	1,462	1,529	1,516	1,546	1,655	1,589	1,501	1,378
SFOC (kWh/gal)	14.86	14.64	14.96	14.07	14.55	14.87	15.09	15.44	15.41	14.99	15.09	14.94	14.17	14.91
DG1 - GE 1.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DG2 - GE 1.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DG3 - CAT 1.6	13.02	12.82	13.75	13.11	13.93	14.24	0.00	13.10	0.00	0.00	0.00	0.00	13.13	13.43
DG4 - CAT 1.3	14.91	14.56	14.96	14.49	14.65	14.77	15.23	14.60	14.29	12.29	14.22	14.18	14.65	14.76
DG5 - CAT 1.3	14.88	14.83	15.00	14.52	14.73	14.93	14.80	14.24	14.30	6.52	14.24	14.08	14.57	14.83
CAT #3 - Retired May 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00
SLOC (kWh/gal)	4,603	4,491	6,964	4,575	4,349	6,515	4,160	5,708	11,318	4,261	7,128	3,423	3,305	5,102
DG1 - GE 1.8	0	0	0	0	0	0	19,552	12,647	10,356	1,986	6,988	7,629	0	6,038
DG2 - GE 1.8	0	0	0	0	0	0	20,079	3,555	12,144	14,162	7,179	2,173	0	5,375
DG3 - CAT 1.6	0	0	0	0	2,192	0	0	0	0	0	0	0	3,075	3,603
DG4 - CAT 1.3	3,449	6,522	6,933	3,242	6,204	6,112	3,717	0	0	0	0	0	4,034	4,865
DG5 - CAT 1.3	6,680	3,394	6,803	3,364	4,645	5,574	3,709	0	0	0	0	0	2,911	4,721
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forced Outage Factor (%)	0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.40%	0.05%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.79%	0.20%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	26.8%	26.9%	25.8%	25.8%	26.6%	26.7%	26.7%	27.1%	27.9%	28.9%	30.0%	29.5%	26.8%	30.0%
Distribution Losses (%)	8.5%	8.2%	9.0%	6.4%	10.8%	9.9%	10.7%	10.2%	5.6%	8.5%	7.2%	7.8%	9.0%	5.3%
SAIDI (hours/consumer)	0.21	0.12	0.02	0.26	0.10	2.67	0.08	0.82	0.13	0.11	0.02	0.00	6.35	4.55
SAIFI	0.01	0.00	0.00	0.01	0.01	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.10	0.09
Average Cost (\$/kWh)	0.18	0.19	0.19	0.20	0.20	0.20	0.19	0.18	0.18	0.18	0.19	0.19	0.19	0.19

Power Table 2 Power Generation Statistics – October 2016 to September 2017

Generation - Engine Output (kWh)	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY 2016	FY 2017 YTD
DC1 - GE 1.8						42,092	293,278	632,374	621,351	526,391	705,810	686,651		3,507,947
DC2 - GE 1.8						42,362	301,185	675,439	728,654	849,692	768,154	708,459		4,073,945
DC3 - CAT 1.6	21,930	32,490	18,290	350,220	208,240	52,010	0	1,441	0	0	0	0	3,767,470	684,621
DC4 - CAT 1.3	655,330	619,620	658,630	615,900	589,340	580,650	353,150	46,083	6,614	8,039	5,646	20,416	5,859,830	4,159,398
DC5 - CAT 1.3	634,630	627,700	646,280	319,570	441,270	585,310	352,400	14,581	1,587	724	2,920	8,334	4,760,990	3,635,306
CAT #3 - Retired May 2017	0	0	0	18,210	660	500	10,250	0	0	0	0	0	215,150	29,620
Diesel Generation Total (kWh)	1,314,890	1,279,810	1,323,200	1,303,900	1,239,510	1,302,904	1,310,264	1,369,918	1,358,206	1,384,846	1,482,530	1,423,860	14,603,440	16,090,838
Airport Solar Panel	5,911	6,098	7,980	7,415	7,006	6,781	7,814	7,456	6,097	5,778	6,585	7,356	88,302	82,277
High School Solar Grid Connect	20,495	18,214	16,352	18,823	20,345	20,904	24,445	23,325	23,023	21,710	22,852	22,228	267,938	252,716
Solar PV Generation Total (kWh)	26,406	24,312	24,332	26,238	27,351	27,685	32,259	30,781	29,120	27,488	29,437	29,584	356,240	334,993
Total Generation (kWh)	1,338,296	1,304,122	1,347,532	1,330,138	1,266,861	1,330,589	1,342,523	1,400,699	1,387,326	1,412,334	1,511,967	1,453,444	14,959,680	16,425,830
Maximum Demand (kW)	2,550	2,559	2,450	2,450	2,530	2,540	2,540	2,575	2,652	2,750	2,850	2,806	2,550	2,850
Engine Rating kW (at 0.8 PF)														
DC1 - GE 1.8	0	0	0	0	0	1,800	1,800	1,800	1,800	1,800	1,800	1,800	0	1,800
DC2 - GE 1.8	0	0	0	0	0	1,800	1,800	1,800	1,800	1,800	1,800	1,800	0	1,800
DC3 - CAT 1.6	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
DC4 - CAT 1.3	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	1,300
DC5 - CAT 1.3	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	1,300
CAT #3 - Retired May 2017	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	1,200
Station Services (kWh)	4,534	5,170	6,685	10,821	6,070	8,350	9,015	8,371	6,944	6,144	6,337	0	78,441	78,441
Running Hours														
DC1 - GE 1.8	0	0	0	0	0	49	325	606	567	512	637	612	0	3,308
DC2 - GE 1.8	0	0	0	0	0	48	328	624	638	717	677	623	0	3,655
DC3 - CAT 1.6	26	33	18	416	241	61	0	4	0	0	0	0	3,509	798
DC4 - CAT 1.3	736	702	736	696	654	655	389	80	12	13	11	30	6,769	4,714
DC5 - CAT 1.3	726	708	734	365	481	637	381	152	3	2	5	14	5,684	4,208
CAT #3 - Retired May 2017	0	1	0	22	0	2	16	0	0	0	0	0	314	41
Total Hours	1,488	1,444	1,488	1,499	1,376	1,450	1,439	1,466	1,220	1,244	1,330	1,279	16,275	16,722



Power Table 3 Fuel & Lube Oil Statistics – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY 2016	FY 2017 YTD
Fuel Consumption (Gallons)														
DC1 - GE 1.8	0	0	0	0	0	2,686	19,472	40,827	40,339	35,028	46,731	45,886	0	230,968
DC2 - GE 1.8	0	0	0	0	0	2,703	19,472	43,623	47,235	56,594	50,885	47,379	0	267,890
DC3 - CAT 1.6	1,684	2,534	1,330	26,722	14,944	3,653	0	110	0	0	0	0	287,012	50,977
DC4 - CAT 1.3	43,948	42,569	44,030	42,511	40,235	39,307	23,183	3,157	463	654	397	1,440	400,120	281,895
DC5 - CAT 1.3	42,637	42,326	43,080	22,015	29,960	39,216	23,817	1,024	111	111	205	592	326,830	245,093
CAT #3 - Retired May 2017	0	0	0	1,400	51	35	899	0	0	0	0	0	16,668	2,385
Total Fuel Consumption (Gals)	88,269	87,429	88,440	92,648	85,190	87,600	86,842	88,741	88,148	92,387	98,218	95,297	1,030,630	1,079,209
Average Fuel Price (\$/Gallon)	2.72	2.83	2.84	2.91	2.98	3.01	2.93	2.92	2.89	2.78	2.86	2.91	2.69	2.88
Lube Oil Consumption (Gallons)														
DC1 - GE 1.8	0	0	0	0	0	0	15	50	60	80	101	90	0	396
DC2 - GE 1.8	0	0	0	0	0	0	15	40	60	60	107	114	0	396
DC3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	218	0
DC5 - CAT 1.3	0	0	0	0	0	10	0	0	0	0	0	0	401	10
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	10	0
Total LO Consumption (Gals)	0	0	0	0	0	10	30	90	120	140	208	204	628	802
Oil Change Log (75 Gall/Change)														
DC1 - GE 1.8	0	0	0	0	0	0	0	0	0	185	0	0	0	185
DC2 - GE 1.8	0	0	0	0	0	0	0	150	0	0	0	212	0	362
DC3 - CAT 1.6	0	0	0	0	95	0	95	0	0	0	0	0	1,225	190
DC4 - CAT 1.3	190	95	95	190	95	95	95	0	0	0	0	0	1,235	855
DC5 - CAT 1.3	95	190	95	95	95	95	95	0	0	0	0	0	1,235	760
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	95	0
Total Oil Change Volume (Gals)	285	285	190	285	285	190	285	150	0	185	0	212	3,790	2,332

Power Table 4 Power Distribution Statistics – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY 2016	FY 2017 YTD
Number of Outages (Frequency)														
Forced - Generation	2	1	0	2	2	4	3	1	2	0	1	0	21	18
Planned - Generation	0	0	0	0	0	5	0	1	0	0	0	0	2	6
Total Number of Outages (Gen)	2	1	0	2	2	9	3	2	2	0	1	0	23	24
Forced - Distribution	9	6	1	20	14	24	12	5	10	1	5	0	135	107
Feeder 1	2	1	0	2	2	6	3	1	2	1	1	0	23	21
Feeder 2	4	1	1	4	6	5	3	1	2	0	1	0	24	28
Feeder 3	1	1	0	6	2	3	2	1	2	0	1	0	28	19
Feeder 4	1	2	0	2	2	5	2	1	2	0	1	0	31	18
Feeder 5	1	1	0	6	2	5	2	1	2	0	1	0	29	21
Planned - Distribution	1	0	0	0	0	25	5	9	0	0	0	0	33	40
Feeder 1	1	0	0	0	0	5	1	1	0	0	0	0	5	8
Feeder 2	0	0	0	0	0	5	1	3	0	0	0	0	12	9
Feeder 3	0	0	0	0	0	5	1	1	0	0	0	0	3	7
Feeder 4	0	0	0	0	0	5	1	3	0	0	0	0	8	9
Feeder 5	0	0	0	0	0	5	1	1	0	0	0	0	5	7
Total Number of Outages (Dist)	10	6	1	20	14	49	17	14	10	1	5	0	168	147

Power Table 5 Power Outage Statistics – October 2016 to September 2017

	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	FY 2016	FY 2017 YTD
Duration of Outages (Hrs)														
Forced - Generation	1.2	0.2	0.0	0.5	0.2	0.7	0.4	0.3	0.4	0.0	0.1	0.0	2.9	3.8
Planned - Generation	0.0	0.0	0.0	0.0	0.0	14.0	0.0	3.5	0.0	0.0	0.0	0.0	5.7	17.5
Total Duration Gen Outage (Hrs)	1.2	0.2	0.0	0.5	0.2	14.7	0.4	3.8	0.4	0.0	0.1	0.0	8.6	21.3
Forced - Distribution	4.4	3.4	0.4	7.2	2.7	1.8	1.4	1.9	3.5	3.1	0.6	0.0	50.2	30.4
Feeder 1	0.3	0.2	0.0	0.1	0.3	0.5	0.2	0.3	0.7	3.1	0.1	0.0	7.7	5.8
Feeder 2	3.4	0.2	0.4	1.5	1.9	0.3	0.7	0.4	0.7	0.0	0.1	0.0	8.7	9.7
Feeder 3	0.2	0.2	0.0	2.7	0.2	0.3	0.2	0.3	0.6	0.0	0.1	0.0	8.1	4.8
Feeder 4	0.3	2.6	0.0	0.1	0.3	0.3	0.2	0.4	0.7	0.0	0.1	0.0	15.1	5.0
Feeder 5	0.2	0.2	0.0	2.7	0.2	0.3	0.2	0.5	0.8	0.0	0.1	0.0	10.6	5.2
Planned - Distribution	1.2	0.0	0.0	0.0	0.0	71.0	0.9	20.4	0.0	0.0	0.0	0.0	122.6	93.5
Feeder 1	1.2	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	15.1	19.1
Feeder 2	0.0	0.0	0.0	0.0	0.0	14.2	0.2	5.0	0.0	0.0	0.0	0.0	42.5	19.4
Feeder 3	0.0	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	11.5	17.9
Feeder 4	0.0	0.0	0.0	0.0	0.0	14.2	0.2	4.9	0.0	0.0	0.0	0.0	20.8	19.3
Feeder 5	0.0	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	32.7	17.9
Total Duration Dist Outage (Hrs)	10.0	6.8	0.8	14.4	5.4	74.5	3.7	24.2	7.0	6.2	1.2	0.0	172.8	123.8

Water Table 1 Water Production & Sales Data Statistics October 2016 to September 2017

COMPANY WIDE DATA	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	FY2017 YTD
Water Production (Gallons)													
WTP Production	1,101,100	928,200	324,700	664,100	423,500	509,400	500,100	190,500	7,600	1,900	386,600	1,099,400	6,137,100
Pink Apartment Volume start of Month	444,600	364,800	695,400	792,300	923,400	1,054,500	1,020,000	1,020,000	1,305,000	1,305,000	856,000	273,000	773,000
Pink Apartment Volume end of Month	364,800	695,400	792,300	923,400	1,054,500	1,020,000	1,305,000	1,305,300	1,305,000	856,000	585,000	490,000	490,000
Pink Apartment Vol in to Supply(Storage)	79,800	-330,600	-96,900	-131,100	(131,100)	34,500	-285,000	-285,300	0	449,000	485,000	-217,000	-428,700
Tanker volume for billing							285,000	22,000	24,000	8,000	23,000	8,000	8,000
Well Production (into supply)	18,103,900	17,131,857	18,680,100	17,888,100	14,495,902	16,447,113	18,621,700	17,125,200	16,640,700	17,718,050	17,495,300	18,195,000	208,543,922
Volume into network	19,284,800	17,729,457	18,907,900	18,421,100	14,789,302	16,991,013	18,836,800	17,030,400	16,648,300	18,160,950	18,343,900	19,069,400	214,213,322
Water Volume Billed (Gallons)													
Commercial	1,660,118	1,115,330	802,850	1,203,950	1,074,990	2,054,310	1,190,480	1,080,630	1,203,150	986,510	1,280,507	2,170,822	15,823,647
Government (excludes hospital)	612,390	582,240	429,420	888,260	728,070	687,640	955,900	661,770	620,480	583,470	632,870	625,920	8,008,430
Government Hospital	1,481,100	892,900	977,300	1,201,100	1,156,800	1,197,800	1,280,600	1,057,200	654,600	688,800	590,900	652,200	11,831,300
Residential	4,712,842	3,280,680	2,550,560	3,797,020	2,632,730	2,065,850	3,395,083	2,460,603	2,948,160	2,503,330	4,496,730	3,722,190	38,565,778
Water Delivery and Bunkering	1,000	0	0	33,550	19,600	80,000	75,318	0	0	49,675	30,900	76,250	366,293
Water Adjustment													0
Total	8,467,450	5,871,150	4,760,130	7,123,880	5,612,190	6,085,600	6,897,381	5,260,203	5,426,390	4,811,785	7,031,907	7,247,382	74,595,448
NRW													
Volume	10,817,350	11,858,307	14,147,770	11,297,220	9,177,112	10,905,413	11,939,419	11,770,197	11,221,910	13,349,165	11,311,993	11,822,018	139,617,874
	56.1%	66.9%	74.8%	61.3%	62.1%	64.2%	63.4%	69.1%	67.4%	73.5%	61.7%	62.0%	65%
Invoiced Water Value (USD)													
Water Delivery and Bunkering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.901	\$5,735	\$11,410	\$10,493	\$50.00
Commercial	\$8,092	\$6,549	\$5,490	\$8,740	\$6,154	\$6,778	\$8,228	\$6,679	\$6,901	\$6,240	\$5,793	\$6,427	\$91,549
Government (includes hospital)	\$10,309	\$6,373	\$6,378	\$9,257	\$8,279	\$8,773	\$9,861	\$7,920	\$6,207	\$6,240	\$5,793	\$6,427	\$91,817
Residential	\$13,251	\$8,684	\$5,807	\$9,356	\$6,917	\$6,739	\$8,066	\$5,952	\$7,058	\$5,984	\$9,223	\$9,993	\$97,029
	\$31,653	\$21,605	\$17,675	\$27,354	\$21,350	\$22,289	\$26,455	\$20,551	\$20,166	\$17,959	\$26,426	\$26,912	\$280,395
Sewer Charges (USD)													
Commercial	\$2,966	\$2,309	\$2,126	\$3,024	\$2,339	\$2,652	\$3,564	\$3,076	\$3,004	\$2,604	\$3,661	\$4,004	\$35,327
Commercial - w/o water	\$3,640	\$3,640	\$3,640	\$3,640	\$3,640	\$3,640	\$3,640	\$3,537	\$3,537	\$3,537	\$3,537	\$3,742	\$43,370
Government	\$5,018	\$3,053	\$3,023	\$4,068	\$3,938	\$4,106	\$4,612	\$3,735	\$2,946	\$2,973	\$2,728	\$2,993	\$43,191
Residential	\$1,175	\$882	\$446	\$676	\$500	\$931	\$565	\$389	\$553	\$462	\$675	\$778	\$8,032
Residential w/o water	\$1,660	\$1,643	\$1,660	\$1,670	\$1,640	\$1,712	\$1,630	\$1,740	\$1,750	\$1,750	\$1,790	\$1,810	\$20,455
	\$14,459	\$11,527	\$10,895	\$13,077	\$12,057	\$13,041	\$14,010	\$12,477	\$11,789	\$11,325	\$12,390	\$13,326	\$150,374



Water Table 2 Water/Sewer Connection Data – October 2016 to September 2017

COMPANY WIDE DATA	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	FY2017 YTD
Water Connection Data (No. of Connections)													
Commercial - Billed	71	66	67	68	62	66	67	70	68	69	72	72	72
Commercial - Disconnected	7	9	9	8	14	11	9	7	9	8	6	6	6
Commercial - Meter Pulled	2	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Ave Consumption - Gall/conn/mth	23,382	16,899	11,983	17,705	17,339	31,126	17,768	15,438	17,693	14,297	17,785	30,150	18,314
Government - Billed	15	17	18	17	17	15	16	17	17	18	18	18	18
Government - Disconnected	3	4	5	6	6	8	7	6	6	5	5	5	5
Government - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Ave Consumption - Gall/conn/mth	40,826	34,249	23,857	52,251	42,828	45,843	59,744	38,928	36,499	32,415	35,159	34,773	37,076
Hospital - Billed	1	1	1	1	1	1	1	1	1	1	1	1	1
Hospital - Disconnected	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospital - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-	-
Hospital Ave Consumption - Gall/conn/mth	1481100	892900	977300	1201000	1156800	1197800	-	-	-	-	-	-	985,942
Residential - Billed	362	324	305	327	305	313	321	312	311	313	336	352	352
Residential - Disconnected	106	142	161	140	162	155	150	161	163	161	139	123	123
Residential - Meter Pulled	84	84	84	84	84	84	85	85	85	85	89	89	89
Residential Ave Consumption - Gall/conn/mth	13,019	10,126	8,362	11,612	8,632	6,600	10,577	7,887	9,480	7,998	13,383	10,574	9,130
Sewer Connection Data (No. of Connections)													
Commercial Billed	36	35	34	35	37	36	40	43	44	43	463	467	467
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	45	44	44
Government Billed	14	16	15	16	16	14	15	16	16	17	17	17	17
Residential Billed	163	163	152	151	156	157	161	154	157	153	169	173	173
Residential Billed w/o water	166	163	166	167	163	164	163	174	174	174	179	180	180
STP Inflow (MG/month)	14.5	17.7	21.7	14.0	12.1	21.0	13.5	14.7	11.2	15.6	13.9	14.6	181.5
SEWER OVERFLOWS													
North Zone	1	0	1	0	0	0	0	1	1	0	0	0	4
South Zone	4	0	2	1	1	0	0	0	1	0	1	2	12



Water Table 3 Zonal Water Use Statistics – FY2017

ZONAL NRW - September 2017				ZONAL NRW - FY2017 YTD					
Zone	Production Gallons	Sales Gallons	NRW Gallons	NRW %	Zone	Production Gallons	Sales Gallons	NRW Gallons	NRW %
2	13,994,810	5,162,195	8,832,615	63%	2	162,239,204	48,995,010	113,244,194	70%
3	807,100	71,940	735,160	91%	3	7,317,687	666,190	6,651,497	91%
4	868,000	247,250	620,750	72%	4	11,325,500	1,926,500	9,399,000	83%
5	100,000	41,140	58,860	59%	5	2,100,000	134,550	1,965,450	94%
6	2,776,200	1,148,530	1,627,670	59%	6	22,397,400	18,926,670	3,470,730	15%
7	38,000	243,010	-205,010	-540%	7	382,594	632,250	-249,656	-65%
8	638,900	290,657	348,243	55%	8	6,887,572	2,668,480	4,219,092	61%
Total	19,293,010	7,247,382	12,045,628	62%	Total	214,480,077	74,440,130	140,039,947	65%
ZONAL WATER CONSUMPTION - September 2017									
Zone	Avg Use -Gallons/Connection			Residential	Zone	Avg Use -Gallons/Connection			Residential
	Commercial	Government	Hospital			Commercial	Government	Hospital	
1	0	0	-	4,266	1	0	0	-	4,209
2	32,142	31,605	-	9,423	2	20,360	43,203	-	9,177
3	0	0	-	11,990	3	0	0	-	11,328
4	0	0	-	24,725	4	0	0	-	15,230
5	0	0	-	6,857	5	0	0	-	2,671
6	3,035	0	652,200	0	6	8,554	0	985,942	16,411
7	0	0	-	48,602	7	0	0	-	10,164
8	0	239	-	4,931	8	2	13,862	-	6,621
Total	17,768	59,744	0	10,577	Total	18,314	37,076	985,942	9,130

Work Order Summary – End September 2017

Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	4	2	2	4	0	6
INTERNAL POWER	0	0	0	0	0	0
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	0	0	0	0	0	0
POWER	43	48	53	45	40	51
REVENUE	90	101	105	64	73	118
SEWER	5	17	17	14	19	3
WATER	20	25	27	21	25	20
TOTAL ALL WORK ORDERS	162	193	204	148	157	198
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At End		
INTERNAL MAINTENANCE	2.5%	1.0%	0.0%	3.0%		
INTERNAL POWER	0.0%	0.0%	-	0.0%		
INTERNAL SEWER	0.0%	0.0%	-	0.0%		
INTERNAL WATER	0.0%	0.0%	0.0%	0.0%		
POWER	26.5%	24.9%	44.0%	25.8%		
REVENUE	55.6%	52.3%	38.2%	59.6%		
SEWER	3.1%	8.8%	86.4%	1.5%		
WATER	12.3%	13.0%	55.6%	10.1%		
TOTAL ALL WORK ORDERS			44.2%			

Administration Table 1 H&S Statistics – September 2017 & FY 2017



HEALTH & SAFETY REPORT: FY2017 - September 2017

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	September 2017						YEAR TO DATE - FY2017					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,674	0	0	0	0	0	19,908	0	0	0	0	0
Maintenance	4	812	0	0	0	0	0	10,439	0	0	0	0	0
Power Distribution - Line	17	2,995	0	0	0	0	0	39,545	0	0	0	0	0
Power Distribution - Contractors	13	2,252	0	0	0	0	0	27,316	0	0	0	0	0
Water & Sewer	9	1,591	0	0	0	0	0	20,459	0	0	0	0	0
Water & Sewer Contractors	13	2,287	0	0	0	0	0	32,817	0	0	0	0	0
Fin, Admin, Cust Care	20	2,923	0	0	0	0	0	32,490	0	0	0	0	0
TOTAL	85	14,535	0	0	0	0	0	182,974	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company 499,724

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	September 2017		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	97	0	97
Maintenance	4	0	0	0
Power Distribution - Line	17	174	0	174
Power Distribution - Customer	13	0	0	0
WSS _ Treatment/Prod	9	51	0	51
WSS Networks	13	0	0	0
Finance, Admin Cust Coord	20	239	0	239
TOTAL	85	561	0	561

Sick Hours as Percentage of Total Hours Worked	Total Hours Sick	Accident Related	Poor Health
	3.9%	0.0%	3.9%

Year To Date FY2017				
Total Hours Sick	Accident Related		Poor Health	
1,285	0	0	1,285	0
228	0	0	228	0
3,370	0	0	3,370	0
10	0	0	10	0
1,417	0	0	1,417	0
0	0	0	0	0
2,595	0	0	2,595	0
8905	0	0	8905	0

Total Hours Sick	Accident Related	Poor Health
4.9%	0.0%	4.9%

DEPARTMENT	Number of Staff	September 2017		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	9	5.8%	0.0%	5.8%
Maintenance	4	0.0%	0.0%	0.0%
Power Distribution - Line	17	5.8%	0.0%	5.8%
Power Distribution - Customer	13	0.0%	0.0%	0.0%
WSS _ Treatment/Prod	9	0.0%	0.0%	0.0%
WSS Networks	13	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	20	8.2%	0.0%	8.2%
TOTAL	85	3.9%	0.0%	3.9%



Administration Table 2 Attendance Summary – September 2017 & FY 2017

DEPARTMENT	September 2017										YEAR TO DATE - FY2017					
	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	1,334	340	0	97	111	1,882	0	16,336	3,572	23	1,285	1,181	22,397	53	5.7%
Maintenance	4	634	179	0	0	52	864	0	8,769	1,670	3	228	546	11,216	12	2.0%
Power Distribution - Line	17	2,605	391	0	174	121	3,290	39	33,814	5,731	147	3,370	2,767	45,828	537	7.4%
Power Distribution - Contractors	13	2,243	9	0	0	0	2,252	0	27,181	135	0	10	18	27,344	0	0.0%
Water & Sewer	9	1,367	224	0	51	110	1,753	14	17,612	2,847	78	1,417	2,009	23,962	140	5.9%
Water & Sewer Contractors	13	2,287	0	0	0	0	2,287	0	32,797	20	0	0	0	32,817	0	0.0%
Fin, Admin, Cust Care	20	2,555	368	0	239	201	3,362	6	29,337	3,153	102	2,595	3,297	38,484	186	6.7%
TOTAL EMPLOYEES	85	13,025	1,510	0	561	596	15,692	58	165,846	17,128	353	8,905	9,817	202,048	928	4.4%
REGULAR STAFF	59	8,495	1,501	0	561	596	11,152	58	105,868	16,972	353	8,895	9,799	141,886	928	
Hours as % of Total Hours Claimed		76.2%	13.5%	0.0%	5.0%	5.3%		0.3%	74.6%	12.0%	0.2%	6.3%	6.9%		0.7%	
CONTRACT STAFF	26	4,530	9	0	0	0	4,539	0	59,978	155	0	10	18	60,162	0	
Hours as % of Total Hours Claimed		99.8%	0.2%	0.0%	0.0%	0.0%		0.0%	99.7%	0.3%	0.0%	0.0%	0.0%		0.0%	

CAPEX Table 1 Major Capex Project Summary – September 2017

INITIAL GRANT FUNDS	7,690,000				
PART 1 - COMPLETE	Original Budget				
Supply Continuity - Pre Implementation					
Overhaul of Existing Generator	233,500				
ADB OIDP Matching Funding					
Imort Duty On ADB OI DP Project (Counterpart Funds)	149,900				
Warehousing for OI DP Project	25,008				
OI DP Project - Line Construction Supervision	62,500				
Power Plant					
Power Plant Land Lease	385,200				
Power Plant Boundary Fencing	98,100				
Design Consultants - Part 1 - Design & Bid	181,700				
Geo Tech Survey	55,200				
PART 1 Spend Total	1,191,108				
Balance of Grant for PART 2	6,498,892				
	Original Budget	Revised Budget September 17	Variance on Original Budget	Spend to End September 17	Spend To Completion
PART 2					
Power Plant Project - RJE	6,237,928	6,237,924	0	6,237,924	0
Agreed Variations					
AV1. Radiator coating upgrade		6,400	-6,400	6,400	0
AV2. Civil Preparation works		7,235	-7,235	7,235	0
AV4. Fuel Storage Option		180,822	-180,822	180,822	0
AV5. Drainage Extension		25,985	-25,985	25,985	0
AV6. Bunding		24,444	-24,444	24,444.00	0
AV7. Rewiring of DG3 (Old Unit#4)		21,927	-21,927	21,927.00	0
AV8. Night-time Operator Support		23,020	-23,020	23,020.00	0
AV9. Bank Guarantee for Warranty Period		22,457	-22,457	22,456.54	0
Agreed Negative Variations					
Services to RJE		-9,685	9,685	-9,685	0
Return of Storage/Transportation Costs		-23,319	23,319	-23,319	0
Early return of funding		-4,068	4,068	-4,068	0
Clients's Engineer - McMahon Ltd					
Tender/Design Review & Installation Supervision	196,500	196,500	0	196,500	0
Supplement 1	0	28,500	-28,500	28,500	0
Supplement 2	0	25,000	-25,000	25,000	0
Supplement 3	0	15,000	-15,000	15,000	0
Supplement 4	0	18,000	-10,000	3,119	14,881
Agreed Variations					
Amendment #1 - Tonoas Power Plant Design		34,100	-34,100	34,100	0
CPUC Managed Projects	216,000	0	216,000		0
Office & Stores Refurbishment		115,902	-109,160	115,902	0
Hillside Retaining Wall		17,830	-17,830	17,830	0
CPUC Security Gates & Slabs (plus Reaction Co. Materials)		36,549	-36,549	36,549	0
Fuel Storage Civils - Tank Slabs		19,882	-19,882	19,882	0
Vehicle Workshop and Hoist		26,094	-26,094	21,594	4,500
Drainage Main Entry		7,832	-7,832	7,832	0
Agreed Additions					
Electratherm - Waste Heat To Energy Eng Study		11,000	-11,000	11,000	0
Site finishing (landscape; ditching etc.)		17,742	-10,000	3,252	14,490
Additional CPUC Costs					
Goods Handling	25,000	18,539	-1,011	18,539	0
Import Duties - CPUC	160,000	189,569	-29,569	189,569	0
Miscellaneous Support	0	83,265	-90,000	83,265	0
Expenditure	6,835,428	7,374,445	-530,744	7,340,574	33,871
	Original Funding			Drawn	Balance
Drawdown From Compact Grant	6,498,892	6,498,892		6,498,892	0
Power Plant Supplemental Grant	875,553	875,553		864,400	11,153
Total Funds Available	7,374,445	7,374,445		7,363,292	11,153



CAPEX Table 2 Capex Summary Sheet – End September 2017

Chuuk Public Utility Corporation Capex Summary Sheet as of September 30, 2017												
	A	B	C	D	E	F	G					
	Total Value	Deobligate	Commitment	Expended	Commitment Balance	Uncommitted	Cash Drawdown	OIA Balance	Cash Balance			
OIDP/Match/Power Plant CR970170	7,690,000		7,690,000	7,690,000	0	0	7,690,000	0	0			
Power Plant Supplement D17AF00016	875,553		875,553	841,681	33,872	0	864,400	11,153	22,719	*		
FY 2016 Professional - D16AF00023-00020	525,800		525,800	525,800	0	0	525,800	0	0	**		
FY 2017 Professional - D17AF00011-00020	274,800		274,800	274,800	0	0	274,800	0	0	***		
FY 2016 Tonoas Water System - D16AF00017-00010	750,000		0	0	0	750,000	0	750,000	0	Extended 2018		
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000		290,384	274,204	16,180	59,616	287,440	62,560	13,236	****		
Total	10,466,153	0	9,656,537	9,606,485	50,052	809,616	9,642,440	823,713	35,955			

* This project is closed this quarter reporting, balance of 33,871 (22,719+11,153) is obligated and will be paid out in 1st quarter FY 2018.

** This project is also closed this quarter reporting

*** It is closed this quarter reporting

**** 16180 is obligated and will be paid in 1st quarter FY 2017