

## CHUUK PUBLIC UTILITY CORPORATION



### MONTHLY REPORT:

**FY2018 - October 2017**



**Issued: 25 November 2017**

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**EXECUTIVE SUMMARY**

**SUMMARY OF KEY STATISTICS**

	Oct-17	2018 YTD US\$	US\$/kWh Sold		US\$/kWh generated	
			Oct-17	YTD 2018	Oct-17	YTD 2018
Revenue	601,995	601,995	0.485	0.485	0.402	0.402
Variable Costs	310,815	310,815	0.250	0.250	0.208	0.208
Fixed Costs	208,233	208,233	0.168	0.168	0.139	0.139
Total Expenses	519,047	519,047	0.418	0.418	0.347	0.347
Operating result	82,948	82,948	0.067	0.067	0.055	0.055
		<b>kWh</b>				
Power generation	1,495,892	1,495,892				
Diesel	1,468,884	1,468,884				
Solar	27,008	27,008				
Solar PV as % of Total Generation	1.8%	1.8%				
Avoided Cost of Fuel - US\$	5,486	5,486				
Tons of CO <sub>2</sub> Avoided	18.2	18.2				
			<b>Sales</b>			
Government Sales	255,530	255,530	<b>Feeder</b>	<b>Conns</b>	<b>kWh</b>	<b>2018 YTD</b>
Commercial Sales	658,120	658,120	F1	482	337,341	337,341
Residential Sales	278,034	278,034	F2	369	92,329	92,329
Intercompany Sales	62,915	62,915	F3	414	413,110	413,110
Sales Accrual	-12,456	-12,456	F4	371	319,956	319,956
<b>Total Sales</b>	<b>1,242,143</b>	<b>1,242,143</b>	F5	421	71,501	71,501
Power Loss	17.0%	17.0%	<b>Total</b>	<b>2,057</b>	<b>1,234,237</b>	<b>1,234,237</b>
Operating ratio	0.86	0.86	<b>NB - Error on Total and Feeder sales YTD is &lt;1.0%;</b>			
Water Produced - Gallons	21,331,800	21,331,800				
Water Sold - Gallons	6,005,495	6,005,495				
Non Revenue Water	71.8%	71.8%				

Daily generated output in September was 48,255 kWh/day; 0.4% lower than September. Average daily sales were 40,069 kWh/day; 1.2% lower than September. Total power loss was 17.0%.

Power loss per feeder is shown in the table below. This indicates that losses on Feeders 2, 4 and 5 are higher than the average loss. Further investigations will be undertaken to ascertain the reasons for the high losses – this could be for technical reasons (restrictions in cable size, transformer oversizing, etc.) or commercial reasons (metering error, illegal connections etc.). Initial focus will be given to Feeder 4 as this has the highest amount of kWh loss.

<b>Feeder Power Summary - YTD</b>	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>F4</b>	<b>F5</b>	<b>Total</b>
Feeder Load - Diesel - kWh	364,076	122,589	467,146	397,583	104,290	1,455,684
Feeder Load - Solar - kWh	20,228			6,720		26,948
Sales - kWh	337,341	92,329	413,110	319,956	71,501	1,234,237
Loss - kWh	46,963	30,260	54,036	84,346	32,789	248,395
Loss - %	12.9%	24.7%	11.6%	21.2%	31.4%	17.1%

Average fuel efficiency in October was 14.97 kWh/gallon. The efficiency of the 2 new GE generators has reduced from 15.3 to just over 15.0 kWh/gallon over the past three months – this is currently being investigated by the power plant contractor and GE and will be reported in the November 2017 report.

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

Government – 22.3%; Commercial – 54.5%; Residential – 21.6%; Intercompany 5.1%; Accrual -1.0%;

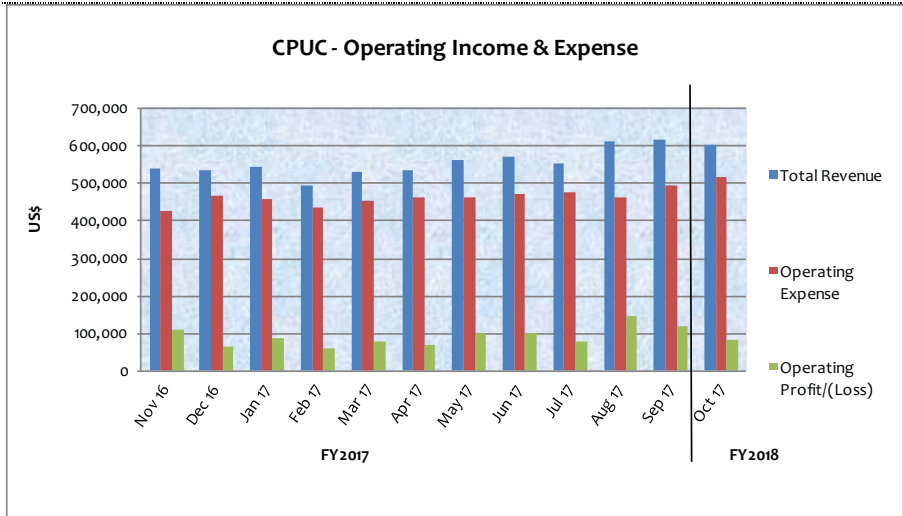
Solar PV generation in September was 27,008 kWh or 1.8% of total generation. The avoided cost of fuel was US\$5,486 and the amount of Carbon Dioxide avoided was 18.2 tons.

From a commercial perspective the operating result for October was US\$82,948 with an operating ratio of 0.86.

Non-revenue water remains high at 71.8%. Significant effort has been put into a detailed survey of all water and sewer connections. A number of water connections previously unknown will be added to the customer database in November;

It is also thought that there is considerable leakage in the water line from telecom building along the airport road to Mechitiw. A large flowmeter will be installed by mid-December at which time it will be possible to get a better understanding of the extent of the leakage problem in this area and a decision taken as to how to remedy the problem. Detailed pressure testing is also being planned across the system in order to better understand the hydraulics of the network.

# 1 FINANCIAL PERFORMANCE GRAPHS



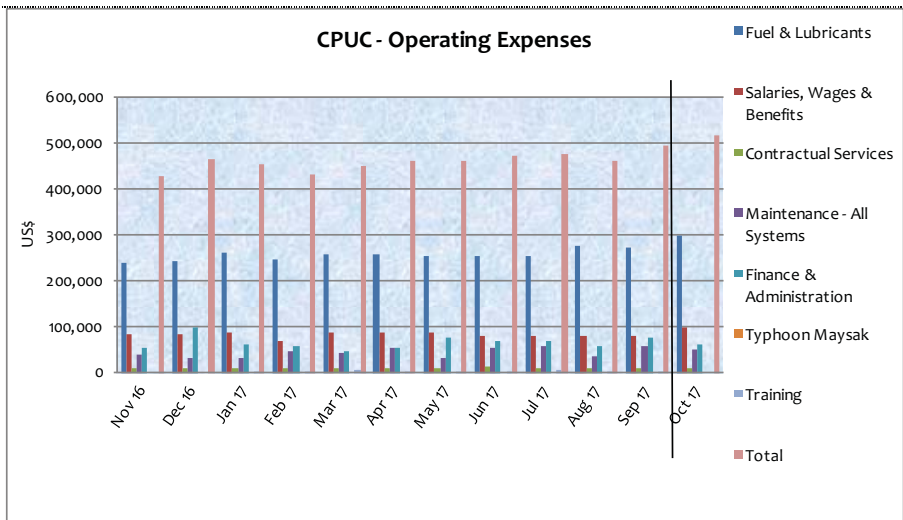
## 1.1 Key Points:

FY2017 Operating income before Depreciation & Interest :

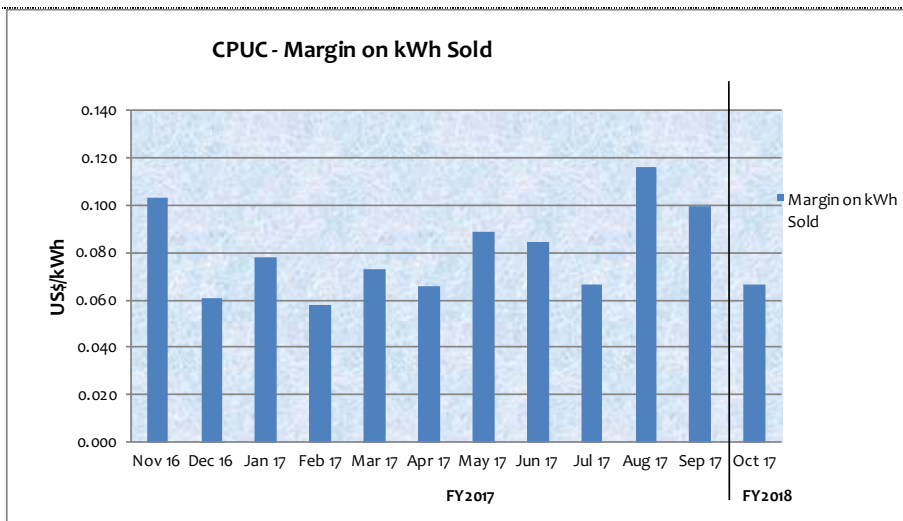
September 2017 US\$121,313;

FY2017 US\$1,129,515 k

Operating ratio: YTD 0.83;

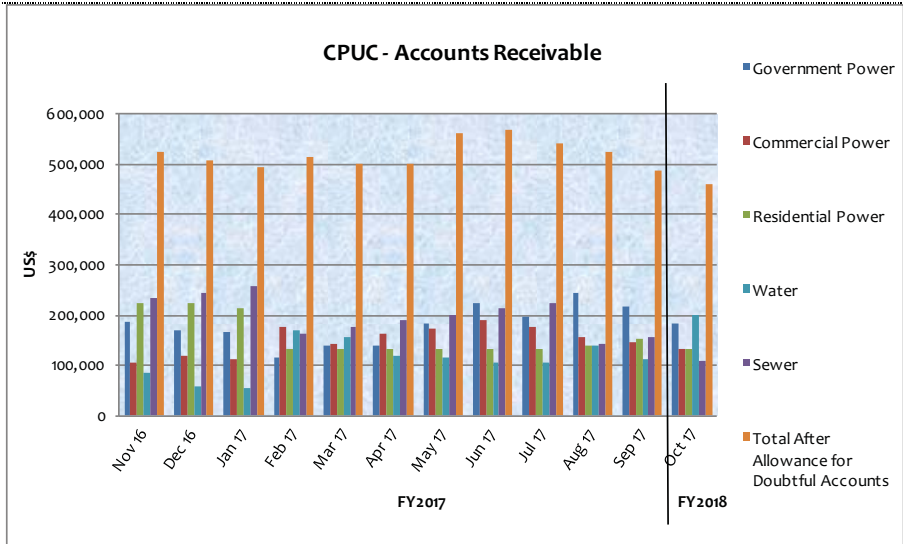


## 1.2 Key Points:

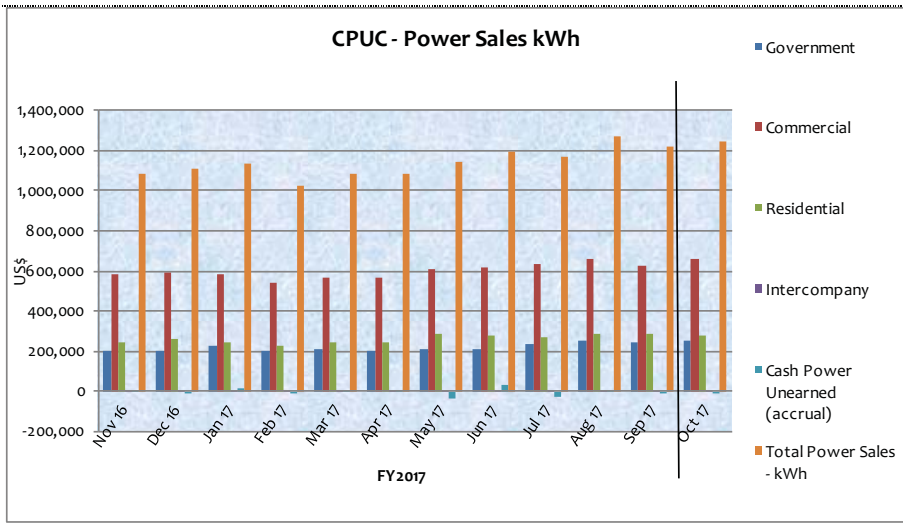


## 1.3 Key Points:

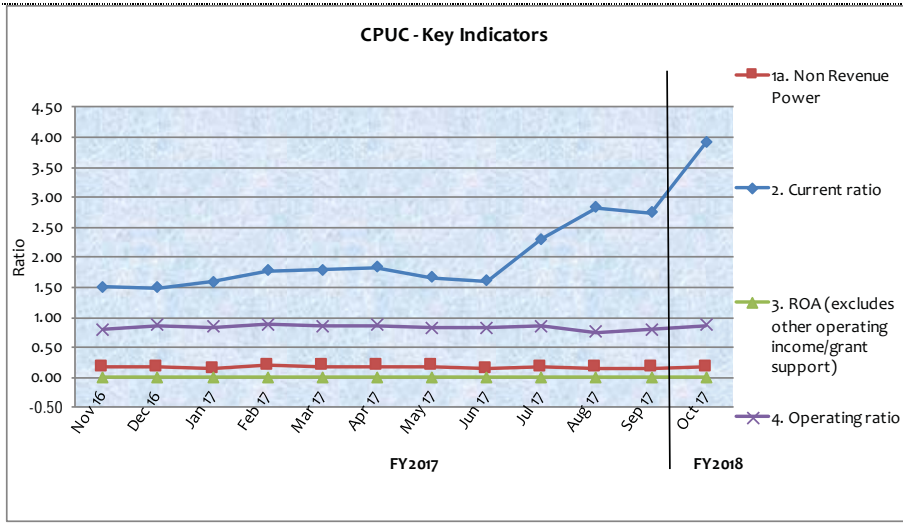
Avg for FY2017 YTD US\$ 0.082/kWh sold



**1.4 Key Points:**



**1.5 Key Points:**

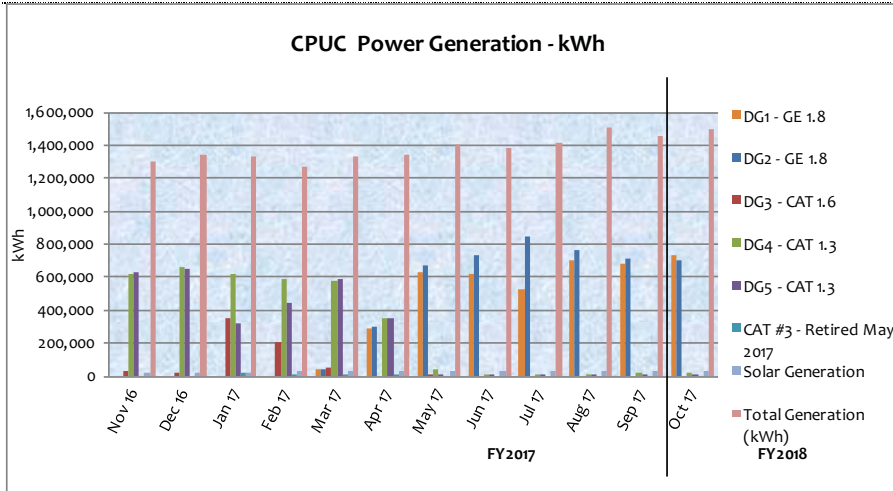


**1.6 Key Points:**

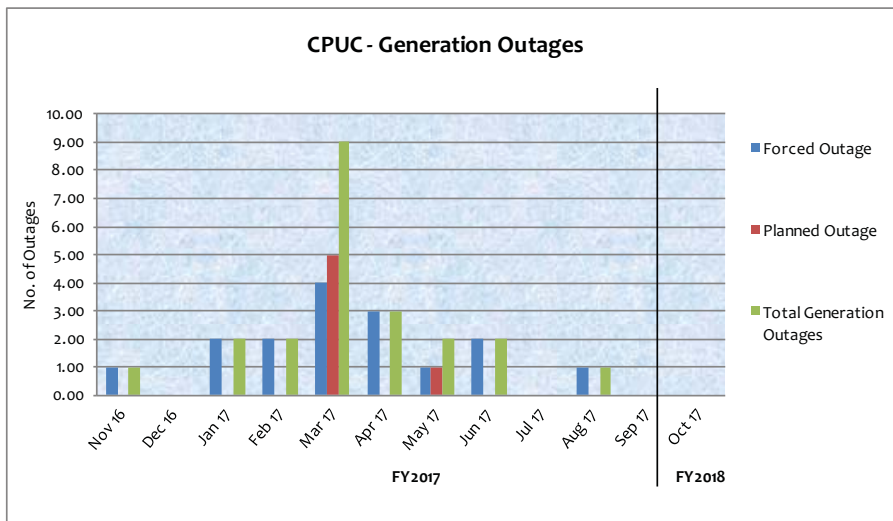
Increase in Current ratio related to liquidation of collateral held with VITAL for fuel supply.



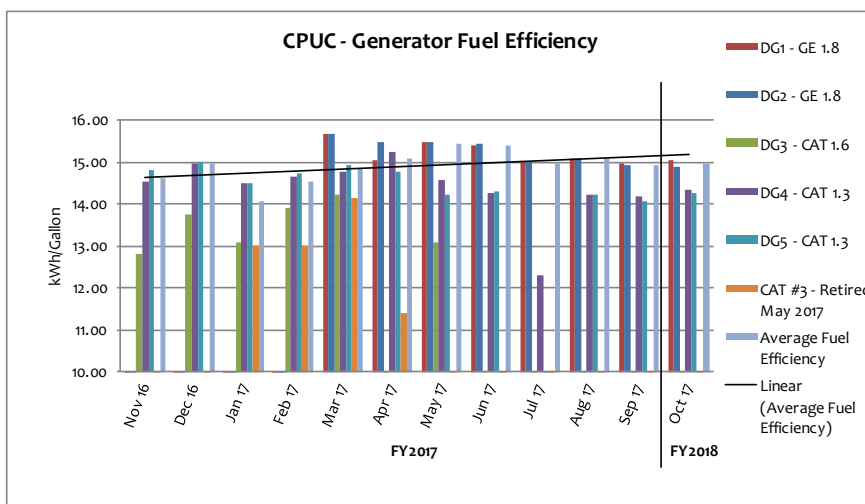
## 2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



### 2.1 Key Points:

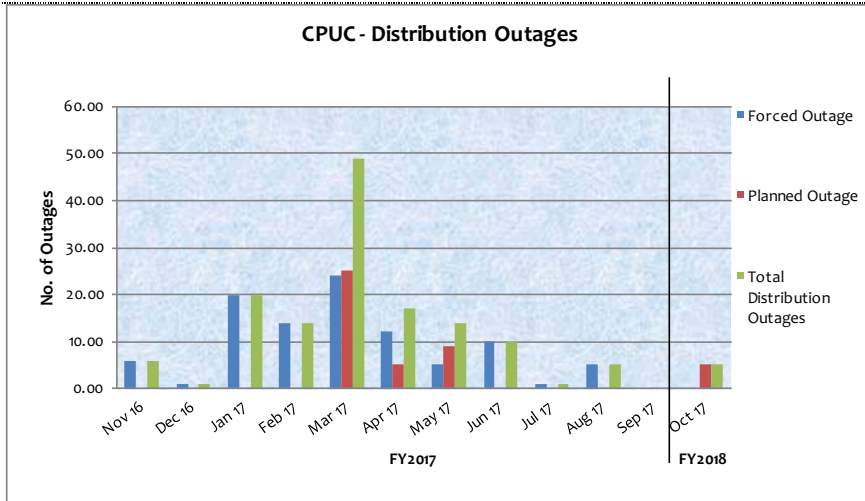


### 2.2 Key Points:



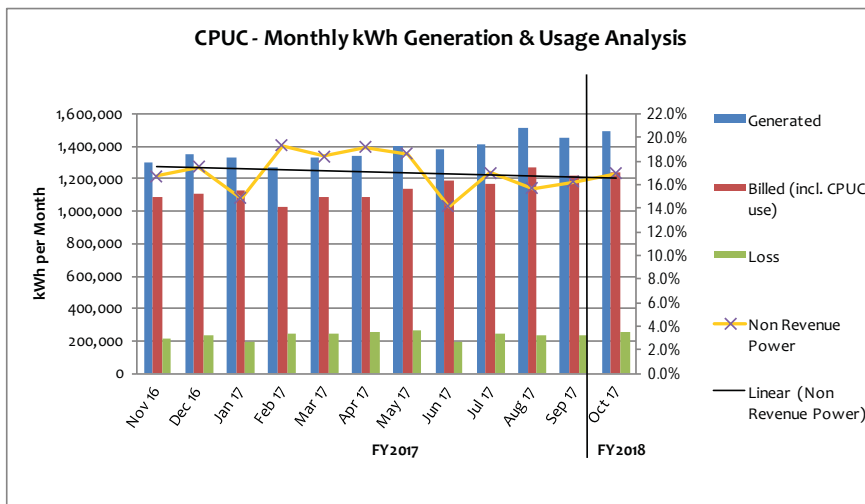
### 2.3 Key Points:

Avg fuel efficiency in October 2017  
14.97kWh/gall.



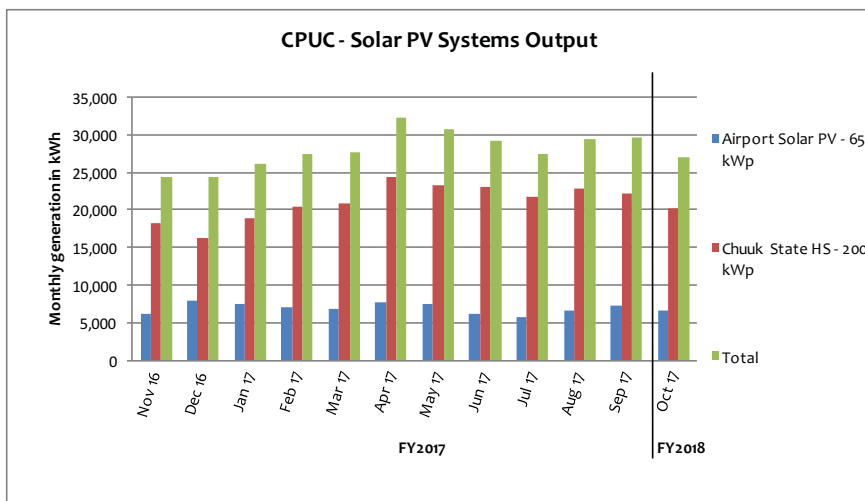
#### 2.4 Key Points

Planned outages in October for tree trimming on Feeder 2



#### 2.5 Key Points:

Power loss for October 2017 – 17.0%;



#### 2.6 Key Points:

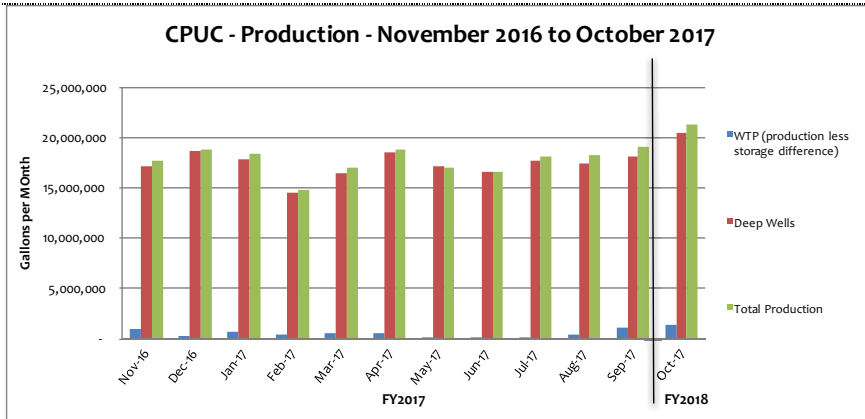
Solar PV accounted for 1.8% of CPUC generation in October 2017;

The avoided cost of fuel was: US\$5,486.

Avoided Tons of CO2 was 18.2Tons;

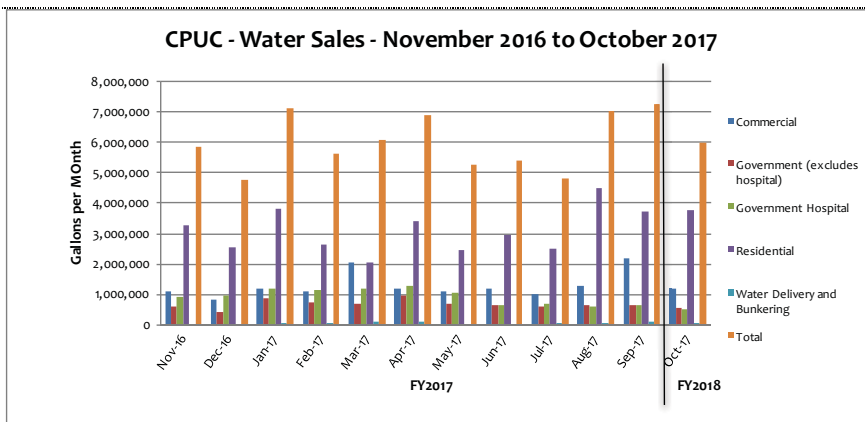


### 3 WATER PERFORMANCE GRAPHS

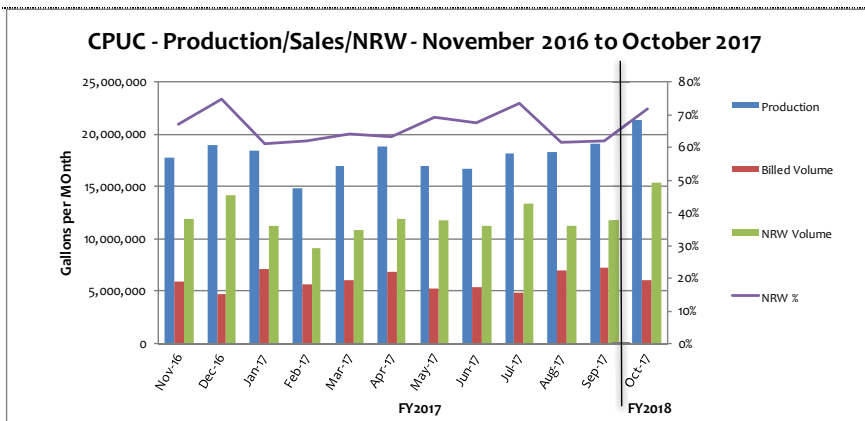


**1 Key Points:**

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 – November 2016 to October 2017

Revenue - US\$	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	FY2018
<b>Operating revenue:</b>														
a. Power Sales	477,906	492,115	502,982	460,061	493,012	489,635	509,187	533,581	518,602	563,082	544,644	564,894	6,070,012	564,894
b. Water Sales	21,364	15,354	26,930	20,318	21,229	24,287	20,266	19,739	17,692	22,612	26,209	19,193	265,945	19,193
c. Sewer Sales	10,619	10,792	12,160	10,177	11,536	13,488	12,477	11,789	11,325	9,897	11,086	9,412	139,592	9,412
d. Other operating revenue	30,625	15,519	2,387	2,656	5,258	6,860	19,641	7,992	5,830	14,675	35,282	8,496	150,227	8,496
<b>Revenue - Total</b>	<b>540,514</b>	<b>533,781</b>	<b>544,458</b>	<b>493,212</b>	<b>531,035</b>	<b>534,271</b>	<b>561,571</b>	<b>573,100</b>	<b>553,449</b>	<b>610,267</b>	<b>617,220</b>	<b>601,995</b>	<b>6,625,775</b>	<b>601,995</b>
<b>Expenses - US\$</b>														
Fuel & Lubricants	240,472	243,493	263,079	247,101	259,358	258,775	254,192	254,690	253,613	275,449	271,311	298,286	3,054,312	298,286
Salaries, Wages & Benefits	85,117	85,138	88,067	70,403	85,856	87,215	88,045	80,751	80,063	78,866	78,922	99,197	997,515	99,197
Contractual Services	9,422	9,069	9,755	10,194	10,053	8,034	8,642	11,806	8,299	9,954	9,716	7,518	122,226	7,518
O&M - Power Generation	5,174	3,368	11,725	25,695	19,391	19,009	7,752	21,165	9,142	9,844	18,256	18,636	156,265	18,636
O&M - Power Distribution	11,410	7,154	1,844	3,800	6,065	9,746	3,455	10,166	23,971	11,215	19,359	10,374	113,700	10,374
O&M - Water	2,122	400	4,194	3,385	3,794	7,341	5,268	2,768	4,521	2,577	1,374	2,659	40,988	2,659
O&M - Sewer	763	841	107	461	98	0	0	0	1,836	0	291	0	5,103	0
Finance & Administration Overheads	43,493	84,402	49,900	43,938	36,257	42,622	63,761	58,967	59,446	44,579	61,816	49,873	632,176	49,873
Vehicle & Eq. Fuel	19,460	19,292	12,943	13,804	13,967	16,107	14,245	19,000	19,500	13,290	19,754	19,976	193,854	19,976
CPUC Power Usage (incl. in O&M from Oct 15)	11,033	13,439	12,157	12,642	10,915	11,908	12,846	10,467	10,903	14,103	12,786	12,528	144,375	12,528
Training	0	0	2,321	2,321	6,371	2,321	2,321	2,321	4,466	2,583	2,321	0	35,748	0
<b>Expense - Total</b>	<b>428,465</b>	<b>466,596</b>	<b>456,093</b>	<b>433,743</b>	<b>452,125</b>	<b>463,076</b>	<b>460,526</b>	<b>472,101</b>	<b>475,760</b>	<b>464,460</b>	<b>495,907</b>	<b>519,047</b>	<b>5,496,261</b>	<b>519,047</b>
<b>Operating Income/(Loss)</b>	<b>112,049</b>	<b>67,185</b>	<b>88,366</b>	<b>59,469</b>	<b>78,910</b>	<b>71,195</b>	<b>101,045</b>	<b>101,000</b>	<b>77,689</b>	<b>147,807</b>	<b>121,313</b>	<b>82,948</b>	<b>1,129,515</b>	<b>82,948</b>
<b>Non-Cash Expenses - US\$</b>														
Depreciation	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	98,146	122,290	1,177,752	122,290
Interest Expense	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	6,135	5,667	73,620	5,667
<b>Non-Cash Expense - Total - US\$</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>104,281</b>	<b>127,957</b>	<b>1,251,372</b>	<b>127,957</b>
<b>Income/(Loss) - excluding grant support - US\$</b>	<b>7,768</b>	<b>-37,096</b>	<b>-15,915</b>	<b>-44,812</b>	<b>-25,371</b>	<b>-33,086</b>	<b>-3,336</b>	<b>-3,281</b>	<b>-26,592</b>	<b>43,526</b>	<b>17,032</b>	<b>-45,009</b>	<b>-121,857</b>	<b>-45,009</b>
<b>Non-operating Income (Grant Support) - US\$</b>	<b>30,299</b>	<b>517,938</b>	<b>494,267</b>	<b>84</b>	<b>15,050</b>	<b>37,908</b>	<b>112</b>	<b>126,524</b>	<b>90,177</b>	<b>80</b>	<b>15,682</b>	<b>21</b>	<b>1,714,456</b>	<b>21</b>
<b>Income/(Loss) - including grant support - US\$</b>	<b>38,067</b>	<b>480,842</b>	<b>478,352</b>	<b>-44,728</b>	<b>-10,322</b>	<b>4,821</b>	<b>-3,124</b>	<b>123,242</b>	<b>63,585</b>	<b>43,606</b>	<b>32,714</b>	<b>-44,988</b>	<b>1,592,600</b>	<b>-44,988</b>

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

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	FY2018
<b>Cash Flow Report - US\$</b>														
Receipts	475,496	1,103,561	946,708	511,603	550,566	519,856	417,811	676,366	629,035	513,172	651,726	596,695	7,813,194	596,695
Disbursements	803,772	1,130,611	661,550	709,246	492,244	529,199	678,086	673,474	473,293	428,197	492,831	561,257	7,970,778	561,257
Net receipts/(Disbursements)	-328,276	-27,050	285,158	-197,643	58,322	-9,343	-260,276	2,892	155,742	84,975	158,895	35,438	-157,584	35,438
Cash balance (beginning)	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	1,287,966
Cash balance (end)	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	1,323,404	1,445,550	1,323,404
<b>Other Financial Data - US\$</b>														
Cash in Hand	1,394	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694
Cash in Banks (Bank Overdraft)	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	1,321,710	1,286,273	1,321,710
Stocks	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	886,115	2,006,204	886,115
Trade Receivable	538,405	506,981	493,945	515,461	501,550	501,941	560,037	566,722	540,732	524,949	486,171	461,351	486,171	461,351
Prepaid Lease	245,562	243,985	255,043	334,640	333,063	331,486	329,908	294,929	293,352	291,775	290,197	288,620	290,197	288,620
Collateral with Vital Inc.	908,615	920,148	931,834	942,375	956,123	966,587	978,502	989,959	46,475	477,124	489,039	501,857	489,039	501,857
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	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	811,318	1,378,127	811,318
Loans Payable	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	4,377,078	4,390,849	4,377,078
<b>Total Accounts Receivable (to date) - US\$</b>														
Government Power	186,489	169,281	167,823	115,023	137,753	139,139	181,747	224,079	196,640	243,787	217,607	183,764	217,607	183,764
Commercial Power	106,452	118,825	111,500	176,755	143,019	163,609	171,664	188,770	171,878	155,409	146,611	134,028	146,611	134,028
Residential Power	223,637	225,292	212,132	31,909	132,646	133,895	132,117	132,682	133,138	140,967	153,188	132,028	153,188	132,028
Water	84,625	59,875	56,390	170,998	155,819	119,497	116,231	106,092	106,652	138,090	110,983	199,985	110,983	199,985
Sewer	234,848	257,800	257,800	163,434	174,970	188,459	200,935	212,723	224,048	144,320	155,406	109,171	155,406	109,171
Allowance for Doubtful	-311,700	-311,700	-311,700	-242,657	-242,657	-242,657	-242,657	-297,625	-297,625	-297,625	-297,625	-297,625	-297,625	-297,625
<b>Total</b>	<b>524,351</b>	<b>506,981</b>	<b>493,945</b>	<b>515,461</b>	<b>501,550</b>	<b>501,941</b>	<b>560,037</b>	<b>566,722</b>	<b>540,732</b>	<b>524,949</b>	<b>486,171</b>	<b>461,351</b>	<b>486,171</b>	<b>461,351</b>

### Financial Table 3 Power Sales Report – November 2016 to October 2017

Power Sales Report	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	FY2018
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	58,612	55,968	58,916	56,443	56,946	57,770	61,941	56,233	61,757	71,113	73,188	70,360	727,053	70,360
Government - Pre Paid (Cash Power)	30,976	34,131	41,869	33,271	39,012	34,823	33,975	38,175	44,114	41,653	40,930	49,338	460,032	49,338
Government Streetlights	2,591	3,362	3,524	3,622	3,685	3,685	3,769	3,685	3,769	3,769	2,510	2,594	39,678	2,594
Solar	3,671	3,671	3,558	3,558	3,558	3,723	3,723	3,723	3,442	3,442	3,442	3,442	43,484	3,442
Government Scratchcard	37	0	56	102	121	169	41	150	273	93	75	84	1,428	84
<b>Government Total</b>	<b>95,888</b>	<b>97,192</b>	<b>107,922</b>	<b>96,996</b>	<b>103,322</b>	<b>100,169</b>	<b>103,448</b>	<b>101,956</b>	<b>113,355</b>	<b>120,070</b>	<b>120,144</b>	<b>125,818</b>	<b>1,271,175</b>	<b>125,818</b>
Commercial - Post Paid	198,666	199,201	205,362	186,822	196,304	196,401	208,472	208,681	209,661	223,359	212,737	227,246	2,444,768	227,246
Commercial - Pre Paid (Cashpower)	63,376	70,325	63,030	63,372	67,872	66,224	72,103	75,401	76,290	75,138	73,653	79,751	830,477	79,751
Commercial - Scratchcard	1,374	701	683	1,043	888	1,105	759	809	790	883	698	910	10,577	910
<b>Commercial Total</b>	<b>263,415</b>	<b>270,227</b>	<b>268,075</b>	<b>251,337</b>	<b>265,064</b>	<b>263,729</b>	<b>281,334</b>	<b>284,891</b>	<b>286,741</b>	<b>299,380</b>	<b>287,088</b>	<b>307,907</b>	<b>3,285,822</b>	<b>307,907</b>
Residential - Post Paid	4,870	4,915	5,157	5,031	5,415	5,292	5,268	4,741	3,004	4,262	5,193	6,431	58,708	6,431
Residential - Pre Paid (Cashpower)	91,996	102,134	92,137	86,838	96,525	94,926	112,595	106,676	104,386	110,082	109,324	106,531	1,197,919	106,531
Residential Scratch Card Sales	6,906	6,249	6,542	6,613	6,467	7,300	7,193	7,726	8,207	8,315	8,567	9,110	87,027	9,110
<b>Residential Total</b>	<b>103,772</b>	<b>113,299</b>	<b>103,835</b>	<b>98,482</b>	<b>108,408</b>	<b>107,518</b>	<b>125,055</b>	<b>119,143</b>	<b>115,598</b>	<b>122,660</b>	<b>123,873</b>	<b>122,072</b>	<b>1,343,653</b>	<b>122,072</b>
<b>Trade Power Sales Total</b>	<b>463,075</b>	<b>480,958</b>	<b>479,833</b>	<b>446,715</b>	<b>476,793</b>	<b>471,417</b>	<b>509,838</b>	<b>505,990</b>	<b>515,694</b>	<b>543,110</b>	<b>531,105</b>	<b>555,797</b>	<b>5,900,650</b>	<b>555,797</b>
Intercompany - CPUC Office	766	915	744	828	1,032	1,081	1,001	943	999	1,139	1,151	1,119	11,328	1,119
Intercompany - CPUC Power Operation	1,303	1,685	2,727	1,530	2,104	2,272	2,109	1,750	1,548	1,597	1,670	2,207	21,437	2,207
Intercompany - CPUC Water Operations	4,932	5,285	5,077	5,756	4,671	5,366	6,987	5,101	4,723	6,073	6,766	6,645	67,377	6,645
Intercompany - CPUC Sewer Operations	6,101	8,174	7,080	6,886	6,244	6,541	5,859	5,366	6,181	8,029	6,021	6,883	76,998	6,883
Cash Power UnEamed	1,730	-4,581	7,520	-1,654	2,167	2,959	-16,608	14,431	-10,543	4,134	-2,069	-6,757	-7,778	-6,757
<b>Total Power Sales - US\$</b>	<b>477,906</b>	<b>492,115</b>	<b>502,982</b>	<b>460,061</b>	<b>493,012</b>	<b>489,635</b>	<b>509,187</b>	<b>533,581</b>	<b>518,602</b>	<b>563,082</b>	<b>544,644</b>	<b>564,894</b>	<b>6,070,012</b>	<b>564,894</b>
<b>Power Sales kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>	<b>kWh</b>
Government - Post Paid	123,313	117,325	122,983	116,188	116,433	119,018	128,498	117,148	129,978	149,566	152,332	144,107	1,517,715	144,107
Government - Pre Paid (Cash Power)	65,502	71,523	87,300	68,474	79,779	71,657	70,487	79,415	92,696	87,580	85,022	100,875	966,668	100,875
Government - Street Lights	10,364	13,448	14,095	14,487	14,740	14,740	15,075	14,740	15,074	15,074	10,042	10,377	158,709	10,377
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	78	0	117	210	247	350	85	312	571	195	155	171	2,559	171
<b>Government Total</b>	<b>199,257</b>	<b>202,296</b>	<b>224,496</b>	<b>199,359</b>	<b>211,199</b>	<b>205,744</b>	<b>214,145</b>	<b>211,614</b>	<b>238,320</b>	<b>252,416</b>	<b>247,551</b>	<b>255,530</b>	<b>2,639,610</b>	<b>255,530</b>
Commercial - Post Paid	440,341	434,059	450,252	401,351	419,074	421,524	451,750	454,124	464,095	490,941	462,143	486,170	5,334,978	486,170
Commercial - Pre Paid (Cashpower)	139,933	153,817	134,965	136,020	144,717	142,081	156,068	163,666	167,339	164,921	159,628	170,008	1,808,404	170,008
Commercial Scratchcard	3,005	1,530	1,489	2,238	1,893	2,370	1,643	1,756	1,734	1,935	1,514	1,942	22,996	1,942
<b>Commercial Total</b>	<b>589,407</b>	<b>589,407</b>	<b>586,706</b>	<b>539,609</b>	<b>565,685</b>	<b>565,975</b>	<b>609,461</b>	<b>619,545</b>	<b>633,168</b>	<b>657,797</b>	<b>623,285</b>	<b>658,120</b>	<b>7,166,377</b>	<b>658,120</b>
Residential - Post Paid	11,456	11,540	12,131	11,437	12,337	12,162	12,194	11,025	7,101	10,005	13,853	14,600	136,720	14,600
Residential - Pre Paid (Cashpower)	217,588	239,134	214,521	199,262	219,925	217,719	260,696	247,739	245,153	258,713	253,475	242,666	2,791,357	242,666
Residential Scratch Card Sales	16,220	14,610	15,212	15,165	15,179	16,789	16,653	17,935	19,294	19,531	19,920	20,768	203,203	20,768
<b>Residential Total</b>	<b>245,265</b>	<b>265,284</b>	<b>241,865</b>	<b>225,864</b>	<b>247,442</b>	<b>246,670</b>	<b>289,544</b>	<b>276,699</b>	<b>271,548</b>	<b>288,249</b>	<b>287,248</b>	<b>278,034</b>	<b>3,131,280</b>	<b>278,034</b>
<b>Trade Power Sales Total</b>	<b>1,027,799</b>	<b>1,056,987</b>	<b>1,053,067</b>	<b>964,832</b>	<b>1,024,325</b>	<b>1,018,389</b>	<b>1,113,149</b>	<b>1,107,859</b>	<b>1,143,035</b>	<b>1,198,462</b>	<b>1,158,084</b>	<b>1,191,684</b>	<b>12,937,268</b>	<b>1,191,684</b>
Intercompany - CPUC Office	3,040	3,629	2,954	3,286	4,096	4,288	3,973	3,744	3,966	4,520	4,567	4,441	44,954	4,441
Intercompany - CPUC Power Operation	5,170	6,685	10,821	6,070	8,350	9,915	8,371	6,944	6,144	6,337	6,627	8,759	85,068	8,759
Intercompany - CPUC Water Operations	19,572	20,894	20,146	22,840	18,537	21,295	27,728	20,242	18,741	24,100	26,848	22,401	267,369	22,401
Intercompany - CPUC Sewer Operations	24,210	32,436	28,097	27,327	24,778	25,958	23,249	21,294	24,526	31,863	23,892	27,314	305,546	27,314
Cash Power UnEamed (accrual)	5,901	-8,986	17,148	-2,091	5,393	5,732	-37,108	31,167	-24,423	9,054	-2,981	-12,456	-13,026	-12,456
<b>Total Power Sales - kWh</b>	<b>1,085,692</b>	<b>1,111,645</b>	<b>1,132,233</b>	<b>1,022,264</b>	<b>1,085,479</b>	<b>1,084,677</b>	<b>1,139,262</b>	<b>1,191,250</b>	<b>1,171,989</b>	<b>1,274,336</b>	<b>1,217,937</b>	<b>1,242,143</b>	<b>13,627,179</b>	<b>1,242,143</b>

## Financial Table 4 Water Sales Report – November 2016 to October 2017

Water/Sewer Sales Report	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	FY2018 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Government</b>	6,380	6,398	9,257	8,279	8,773	9,861	7,920	5,875	5,962	5,793	6,427	5,064	91,234	5,064
Commercial	6,366	5,205	8,418	5,901	6,621	8,331	6,435	6,949	5,747	11,161	10,087	7,117	89,298	7,117
Residential	8,685	5,760	9,419	6,872	6,690	8,067	5,912	7,196	5,984	9,223	9,993	9,327	97,053	9,327
Provision for Billing Errors	-67	-2,010	-165	-734	-856	-1,973	0	-281	0	-3,565	-298	-2,315	-11,640	-2,315
<b>Total</b>	<b>21,364</b>	<b>15,354</b>	<b>26,930</b>	<b>20,318</b>	<b>21,229</b>	<b>24,287</b>	<b>20,266</b>	<b>19,739</b>	<b>17,692</b>	<b>22,612</b>	<b>26,209</b>	<b>19,193</b>	<b>265,945</b>	<b>19,193</b>
<b>Sewer Sales - US\$</b>														
Government	3,053	3,024	4,068	3,938	4,106	4,612	3,735	2,930	2,973	2,728	2,993	2,326	43,177	2,326
Commercial	2,309	2,136	3,024	2,540	2,676	3,593	3,076	3,019	2,604	3,661	4,004	2,833	35,608	2,833
Commercial with No Water	3,574	3,574	3,574	3,537	3,537	3,537	3,537	3,537	3,537	3,537	3,742	3,685	42,862	3,685
Residential	882	446	676	500	241	565	499	553	462	675	778	529	7,445	529
Residential with No Water	1,622	1,660	1,680	1,650	1,710	1,630	1,630	1,750	1,750	1,790	1,830	1,680	20,362	1,680
Provision for Billing Errors	-822	-47	-862	-1,988	-734	-448	0	0	0	-2,493	-2,261	-1,641	-9,862	-1,641
<b>Sewer Sales</b>	<b>10,619</b>	<b>10,792</b>	<b>12,160</b>	<b>10,177</b>	<b>11,536</b>	<b>13,488</b>	<b>12,477</b>	<b>11,789</b>	<b>11,325</b>	<b>9,897</b>	<b>11,086</b>	<b>9,412</b>	<b>139,592</b>	<b>9,412</b>
<b>Total Water &amp; Sewer Sales</b>	<b>31,983</b>	<b>26,146</b>	<b>39,089</b>	<b>30,495</b>	<b>32,765</b>	<b>37,775</b>	<b>32,743</b>	<b>31,527</b>	<b>29,017</b>	<b>32,509</b>	<b>37,294</b>	<b>28,605</b>	<b>405,536</b>	<b>28,605</b>
<b>Water Sales - Gallons</b>														
Government	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	1,040,450	19,037,350	1,040,450
Commercial	1,353,550	1,223,590	1,791,040	1,283,670	2,054,310	1,190,480	1,388,100	1,435,530	1,198,620	2,359,147	2,166,803	1,525,215	19,104,959	1,525,215
Residential	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	3,415,505	36,087,147	3,415,505
Water Delivery & Bunkering	0	10,000	33,550	19,600	80,000	75,298	0	0	49,675	30,900	0	24,325	300,023	24,325
<b>Total</b>	<b>5,871,250</b>	<b>4,770,330</b>	<b>7,123,880</b>	<b>5,612,190</b>	<b>6,085,600</b>	<b>6,897,361</b>	<b>5,260,203</b>	<b>5,426,390</b>	<b>4,811,785</b>	<b>7,031,907</b>	<b>7,171,132</b>	<b>6,005,495</b>	<b>74,529,479</b>	<b>6,005,495</b>

**Financial Table 5 Key Performance Indicators – November 2016 to October 2017**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	FY2018
<b>1a. Non Revenue Power</b>														
Total Power Generated - kWh	16.7%	17.5%	14.9%	19.3%	18.4%	19.2%	18.7%	14.1%	17.0%	15.7%	16.3%	17.0%	17.0%	17.0%
Total Power Billed - kWh	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	1,495,892	16,425,830	14,955,892
Generation Loss (actual from Jun 17)	1,085,692	1,111,645	1,132,233	1,022,264	1,085,479	1,084,677	1,139,362	1,191,250	1,171,959	1,274,336	1,217,037	1,242,143	13,627,179	12,421,143
Distribution Loss Derived - kWh	78,247	80,852	79,808	76,012	79,835	80,551	84,042	10,668	10,110	10,857	11,194	13,200	682,475	13,200
Commercial Loss (assumed 2.5%) - kWh	107,580	121,347	84,844	136,914	132,009	143,731	142,278	150,725	194,926	188,975	188,877	203,152	17,055,531	203,152
Total Loss - kWh	32,603	33,688	33,253	31,672	33,265	33,563	35,017	34,683	35,308	37,799	36,336	37,397	410,646	37,397
Distribution loss %	218,430	235,887	197,905	244,597	245,110	257,846	261,337	196,076	240,344	237,631	236,407	253,749	2,798,651	253,749
	8.2%	9.0%	6.4%	10.8%	9.9%	10.7%	10.2%	10.9%	13.8%	12.5%	13.0%	13.6%	10.4%	13.6%
<b>1b. Non Revenue Water</b>														
Water Produced (million gallons)	66.9%	74.8%	61.3%	61.3%	64.2%	63.4%	69.1%	67.4%	73.5%	61.7%	62.4%	71.8%	65.2%	71.8%
Water Billed (million gallons)	17.7	18.9	18.4	14.5	16.99	18.84	17.03	16.65	18.16	18.34	19.07	21.33	213.9	21
<b>2. Current ratio</b>	5.87	4.77	7.12	5.61	6.09	6.90	5.26	5.43	4.81	7.03	7.17	6.01	74.5	6
	1.51	1.49	1.59	1.78	1.79	1.83	1.66	1.61	2.31	2.83	2.74	3.91	1.83	1.66
<b>3. ROA (excludes other operating income/grant support)</b>														
Power Business	0.01%	-0.05%	-0.02%	-0.06%	-0.03%	-0.04%	0.00%	0.00%	-0.03%	0.06%	0.02%	-0.20%	-2.6%	-1.1%
Water Business														0.2%
Sewer Business														-6.5%
<b>4. Operating ratio</b>	0.79	0.87	0.84	0.88	0.85	0.87	0.82	0.82	0.86	0.76	0.80	0.86	0.83	0.78
Power Business														4.35
Water Business														23.32
Sewer Business														14.52
<b>5. Days in Accounts Receivable</b>														
Power Business														190.01
Water Business														211.52
Sewer Business														211.52



**Power Table 1 Power Operation Indicators – November 2016 to October 2017**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY2017	YTD 2018
<b>Generation Statistics</b>														
Diesel Generation - kWh	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	1,468,884	16,090,838	1,468,884
Peak Generation - kW	2,559	2,450	2,450	2,530	2,540	2,540	2,575	2,652	2,750	2,850	2,806	2,941	2,850	2,941
Fuel Consumption - Gallons	87,429	88,440	92,648	85,190	87,600	86,842	88,741	88,148	92,387	98,218	95,297	98,145	1,079,209	98,145
Average Fuel Price (\$/Gallon)	2.83	2.84	2.91	2.98	3.01	2.93	2.92	2.89	2.78	2.86	2.91	3.04	2.88	3.04
Load Factor (%)	67%	69%	62%	70%	66%	67%	71%	70%	69%	71%	69%	68%	63%	68%
Capacity Factor (%)	46%	44%	44%	45%	45%	45%	35%	36%	49%	51%	50%	53%	39%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Reserve Plant Margin (%)	111%	120%	120%	113%	113%	113%	110%	104%	96%	89%	92%	84%	89%	165%
<b>Solar PV Generation - kWh</b>														
Solar Generation %	24.312	24.332	26.238	27.351	27.685	32.259	30.781	29.120	27.488	29.437	29.584	27.008	334.993	27,008
Peak PV Generation -kW	1.9%	1.8%	2.0%	2.2%	2.1%	2.4%	2.2%	2.1%	1.9%	1.9%	2.0%	1.8%	2.0%	1.8%
Avoided Fuel - Gallons	377	372	385	214	216	252	240	228	215	230	231	211	161	352
Avoided Cost of Fuel - US\$	1,661	1,626	1,864	1,880	1,861	2,138	1,994	1,890	1,834	1,950	1,980	1,805	22,455	1,805
Tons of CO2 avoided	4,700	4,619	5,425	5,602	5,603	6,265	5,822	5,462	5,098	5,578	5,762	5,486	64,767	5,486
<b>Labour Productivity (kWh/Emp/d)</b>														
SFOC (kWh/gal)	3,333	3,334	3,314	3,383	3,454	3,462	3,529	3,516	3,546	3,655	3,589	3,639	3,378	3,481
DC1 - CE 1.8	14.64	14.96	14.07	14.55	14.87	15.09	15.44	15.41	14.99	15.09	14.94	14.97	14.91	14.97
DC2 - CE 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
DC3 - CAT 1.6	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
DC4 - CAT 1.3	12.82	13.75	13.11	13.93	14.24	15.23	14.60	14.29	12.29	14.22	14.18	14.36	14.76	14.36
DC5 - CAT 1.3	14.56	14.96	14.49	14.65	14.77	15.23	14.60	14.29	6.52	14.24	14.08	14.26	14.83	14.26
CAT #3 - Retired May 2017	14.83	15.00	14.52	14.73	14.93	14.80	14.24	0.00	0.00	0.00	0.00	1.00	12.42	0.00
SLOC (kWh/gal)	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
DC1 - CE 1.8	4.491	6,964	4,575	4,349	6,515	4,160	5,708	11,318	4,261	7,128	3,423	3,079	5,102	3,079
DC2 - CE 1.8	0	0	0	0	0	19,552	12,647	10,356	1,986	6,988	7,629	2,121	6,038	2,121
DC3 - CAT 1.6	0	0	0	0	0	20,079	3,555	12,144	14,162	7,179	2,173	5,432	5,375	5,432
DC4 - CAT 1.3	0	0	0	2,192	0	0	0	0	0	0	0	0	3,603	0
DC5 - CAT 1.3	6,522	6,933	3,242	6,204	6,112	3,717	0	0	0	0	0	0	4,865	0
CAT #3 - Retired May 2017	3,304	6,803	3,364	4,645	5,574	3,709	0	0	0	0	0	0	4,721	0
Forced Outage Factor (%)	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.05%	0.00%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.20%	0.00%
<b>Distribution</b>														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	26.9%	25.8%	25.8%	26.6%	26.7%	26.7%	27.1%	27.9%	28.9%	30.0%	29.5%	31.0%	30.0%	31.0%
Distribution Losses (%)	8.2%	9.0%	6.4%	10.8%	9.9%	10.7%	10.2%	5.6%	8.5%	7.2%	7.8%	8.5%	8.6%	8.5%
SAIDI (hours/consumer)	0.12	0.02	0.26	0.10	2.67	0.08	0.82	0.13	0.11	0.02	0.00	1.02	4.55	1.02
SAIFI	0.00	0.00	0.01	0.01	0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.09	0.003
Average Cost (\$/kWh)	0.19	0.19	0.20	0.20	0.20	0.19	0.18	0.18	0.18	0.19	0.19	0.20	0.19	0.20

**Power Table 2 Power Generation Statistics – November 2016 to October 2017**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY 2017	FY2018 YTD
<b>Generation - Engine Output (kWh)</b>														
DG1 - GE 1.8					42,092	293,278	632,374	621,351	526,391	705,810	686,651	735,982	3,507,947	735,982
DG2 - GE 1.8					42,362	301,185	675,439	728,654	849,692	768,154	708,459	706,124	4,073,945	706,124
DG3 - CAT 1.6	32,490	18,290	350,220	208,240	52,010	0	1,441	0	0	0	0	0	684,621	0
DG4 - CAT 1.3	619,620	658,630	615,900	589,340	580,630	353,150	46,083	6,614	8,039	5,646	20,416	21,235	4,159,398	21,235
DG5 - CAT 1.3	627,700	646,280	319,570	441,270	585,310	352,400	14,581	1,587	724	2,920	8,334	5,543	3,635,306	5,543
CAT #3 - Retired May 2017	0	0	18,210	660	500	10,250	0	0	0	0	0	0	29,620	0
<b>Diesel Generation Total (kWh)</b>	<b>1,279,810</b>	<b>1,323,200</b>	<b>1,303,900</b>	<b>1,239,510</b>	<b>1,302,904</b>	<b>1,310,264</b>	<b>1,369,918</b>	<b>1,358,206</b>	<b>1,384,846</b>	<b>1,482,530</b>	<b>1,423,860</b>	<b>1,468,884</b>	<b>16,090,838</b>	<b>1,468,884</b>
Airport Solar Panel	6,098	7,980	7,415	7,006	6,781	7,814	7,456	6,097	5,778	6,585	7,356	6,720	82,277	6,720
High School Solar Grid Connect	18,214	16,352	18,823	20,345	20,904	24,445	23,325	23,023	21,710	22,852	22,228	20,288	252,716	20,288
<b>Solar PV Generation Total (kWh)</b>	<b>24,312</b>	<b>24,332</b>	<b>26,238</b>	<b>27,351</b>	<b>27,685</b>	<b>32,259</b>	<b>30,781</b>	<b>29,120</b>	<b>27,488</b>	<b>29,437</b>	<b>29,584</b>	<b>27,008</b>	<b>334,993</b>	<b>27,008</b>
<b>Total Generation (kWh)</b>	<b>1,304,122</b>	<b>1,347,532</b>	<b>1,330,138</b>	<b>1,266,861</b>	<b>1,330,589</b>	<b>1,342,523</b>	<b>1,400,699</b>	<b>1,387,326</b>	<b>1,412,334</b>	<b>1,511,967</b>	<b>1,453,444</b>	<b>1,495,892</b>	<b>16,425,830</b>	<b>1,495,892</b>
<b>Maximum Demand (kW)</b>	<b>2,559</b>	<b>2,450</b>	<b>2,450</b>	<b>2,530</b>	<b>2,540</b>	<b>2,540</b>	<b>2,575</b>	<b>2,652</b>	<b>2,750</b>	<b>2,850</b>	<b>2,806</b>	<b>2,941</b>	<b>2,850</b>	<b>2,941</b>
<b>Engine Rating kW (at 0.8 PF)</b>														
DG1 - GE 1.8	0	0	0	0	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG2 - GE 1.8	0	0	0	0	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG3 - 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
DG4 - 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
DG5 - 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
<b>Station Services (kWh)</b>	<b>5,170</b>	<b>6,685</b>	<b>10,821</b>	<b>6,070</b>	<b>8,350</b>	<b>9,015</b>	<b>8,371</b>	<b>6,944</b>	<b>6,144</b>	<b>6,337</b>	<b>6,627</b>	<b>8,759</b>	<b>85,068</b>	<b>8,759</b>
<b>Running Hours</b>														
DG1 - GE 1.8	0	0	0	0	49	325	606	567	512	637	612	660	3,308	660
DG2 - GE 1.8	0	0	0	0	48	328	624	638	717	677	623	642	3,655	642
DG3 - CAT 1.6	33	18	416	241	61	0	4	0	0	0	0	0	798	0
DG4 - CAT 1.3	702	736	696	654	655	389	80	12	13	11	30	31	4,714	31
DG5 - CAT 1.3	708	734	365	481	637	381	152	3	2	5	14	10	4,208	10
CAT #3 - Retired May 2017	1	0	22	0	2	16	0	0	0	0	0	0	41	0
<b>Total Hours</b>	<b>1,444</b>	<b>1,488</b>	<b>1,499</b>	<b>1,376</b>	<b>1,450</b>	<b>1,439</b>	<b>1,466</b>	<b>1,220</b>	<b>1,244</b>	<b>1,330</b>	<b>1,279</b>	<b>1,343</b>	<b>16,722</b>	<b>1,343</b>

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

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY 2017	FY2018 YTD
<b>Fuel Consumption (Gallons)</b>														
DG1 - GE 1.8	0	0	0	0	2,686	19,472	40,827	40,339	35,028	46,731	45,886	48,906	230,968	48,906
DG2 - GE 1.8	0	0	0	0	2,703	19,472	43,623	47,235	56,594	50,885	47,379	47,371	267,890	47,371
DG3 - CAT 1.6	2,534	1,330	26,722	14,944	3,653	0	110	0	0	0	0	0	50,977	0
DG4 - CAT 1.3	42,569	44,030	42,511	40,235	39,307	23,183	3,157	463	654	397	1,440	1,479	281,895	1,479
DG5 - CAT 1.3	42,326	43,080	22,015	29,960	39,216	23,817	1,024	111	111	205	592	389	245,093	389
CAT #3 - Retired May 2017	0	0	1,400	51	35	899	0	0	0	0	0	0	2,385	0
<b>Total Fuel Consumption (Gals)</b>	<b>87,429</b>	<b>88,440</b>	<b>92,648</b>	<b>85,190</b>	<b>87,600</b>	<b>86,842</b>	<b>88,741</b>	<b>88,148</b>	<b>92,387</b>	<b>98,218</b>	<b>95,297</b>	<b>98,145</b>	<b>1,079,209</b>	<b>98,145</b>
<b>Average Fuel Price (\$/Gallon)</b>	<b>2.83</b>	<b>2.84</b>	<b>2.91</b>	<b>2.98</b>	<b>3.01</b>	<b>2.93</b>	<b>2.92</b>	<b>2.89</b>	<b>2.78</b>	<b>2.86</b>	<b>2.91</b>	<b>3.04</b>	<b>2.88</b>	<b>3.04</b>
<b>Lube Oil Consumption (Gallons)</b>														
DG1 - GE 1.8	0	0	0	0	0	15	50	60	80	101	90	135	396	135
DG2 - GE 1.8	0	0	0	0	0	15	40	60	60	107	114	130	396	130
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG5 - CAT 1.3	0	0	0	0	10	0	0	0	0	0	0	0	10	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total LO Consumption (Gals)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>30</b>	<b>90</b>	<b>120</b>	<b>140</b>	<b>208</b>	<b>204</b>	<b>265</b>	<b>802</b>	<b>265</b>
<b>Oil Change Log (75 gal/Change)</b>														
DG1 - GE 1.8	0	0	0	0	0	0	0	0	185	0	0	212	185	212
DG2 - GE 1.8	0	0	0	0	0	0	150	0	0	0	212	0	362	0
DG3 - CAT 1.6	0	0	0	95	0	95	0	0	0	0	0	0	190	0
DG4 - CAT 1.3	95	95	190	95	95	95	0	0	0	0	0	0	855	0
DG5 - CAT 1.3	190	95	95	95	95	95	0	0	0	0	0	0	760	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Oil Change Volume (Gals)</b>	<b>285</b>	<b>190</b>	<b>285</b>	<b>285</b>	<b>190</b>	<b>285</b>	<b>150</b>	<b>0</b>	<b>185</b>	<b>0</b>	<b>212</b>	<b>212</b>	<b>2,352</b>	<b>212</b>

**Power Table 4 Distribution Feeder Statistics**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	2017 YTD	2018 YTD
Feeder 1 Load	172,787	176,314	176,289	169,888	178,124	182,348	280,319	330,422	352,402	386,593	371,488	384,364	2,955,807	384,364
Feeder 2 Load	130,674	135,105	133,134	126,559	133,032	133,784	109,695	111,710	111,166	117,152	120,065	122,589	1,496,026	122,589
Feeder 3 Load	392,003	405,293	399,381	379,659	399,076	401,331	432,435	446,809	456,777	486,946	459,278	467,146	5,060,817	467,146
Feeder 4 Load	465,575	482,935	475,469	451,949	474,515	478,131	442,424	383,929	378,658	403,132	387,677	404,303	5,301,320	404,303
Feeder 5 Load	64,836	67,034	66,056	62,794	66,005	66,378	103,290	103,788	103,221	107,287	103,742	104,190	980,892	104,290
<b>Total Feeder Load (kWh)</b>	<b>1,225,875</b>	<b>1,266,680</b>	<b>1,250,330</b>	<b>1,190,849</b>	<b>1,250,754</b>	<b>1,261,971</b>	<b>1,368,163</b>	<b>1,376,658</b>	<b>1,402,224</b>	<b>1,501,110</b>	<b>1,442,250</b>	<b>1,482,692</b>	<b>15,794,862</b>	<b>1,482,692</b>
Feeder 1 Sales												337,341		337,341
Feeder 2 Sales												92,329		92,329
Feeder 3 Sales												413,110		413,110
Feeder 4 Sales												319,956		319,956
Feeder 5 Sales												71,501		71,501
<b>Total Feeder Sales (kWh)</b>												<b>1,234,237</b>		<b>1,234,237</b>
Feeder 1 Loss - kWh												47,023		47,023
Feeder 2 Loss - kWh												30,260		30,260
Feeder 3 Loss - kWh												54,036		54,036
Feeder 4 Loss - kWh												84,346		84,346
Feeder 5 Loss - kWh												32,789		32,789
<b>Total Feeder Loss - kWh</b>												<b>248,455</b>		<b>248,455</b>
Feeder 1 Loss - %												12.2%		12.2%
Feeder 2 Loss - %												24.7%		24.7%
Feeder 3 Loss - %												11.6%		11.6%
Feeder 4 Loss - %												20.9%		20.9%
Feeder 5 Loss - %												31.4%		31.4%
<b>Total Feeder Loss - %</b>												<b>16.8%</b>		<b>16.8%</b>

NB – Feeder load data became available with the new power plant control and reporting system in June 2017; Incorporated in monthly reporting from start of FY2018;

**Power Table 5 Customer Energy Use By Category and By Feeder – October 2017**

Energy Use /Connection YTD	F1	F2	F3	F4	F5	Total
Residential - kWh/Conn	225	169	197	161	119	173
Commercial - kWh/Conn	1,206	1,878	2,344	2,955	698	2,118
Government - kWh/Conn	5,254	1,255	851	2,663	1,697	2,951

**Power Table 6 Power Distribution Statistics – November 2016 to October 2017**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY 2017	FY2018 YTD
<b>Number of Outages (Frequency)</b>														
Forced - Generation	1	0	2	2	4	3	1	2	0	1	0	0	18	0
Planned - Generation	0	0	0	0	5	0	1	0	0	0	0	0	6	0
<b>Total Number of Outages (Gen)</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>
Forced - Distribution	6	1	20	14	24	12	5	10	1	5	0	0	107	0
Feeder 1	1	0	2	2	6	3	1	2	1	1	0	0	21	0
Feeder 2	1	1	4	6	5	3	1	2	0	1	0	0	28	0
Feeder 3	1	0	6	2	3	2	1	2	0	1	0	0	19	0
Feeder 4	2	0	2	2	5	2	1	2	0	1	0	0	18	0
Feeder 5	1	0	6	2	5	2	1	2	0	1	0	0	21	0
<b>Planned - Distribution</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>5</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>40</b>	<b>5</b>
Feeder 1	0	0	0	0	5	1	1	0	0	0	0	1	8	1
Feeder 2	0	0	0	0	5	1	3	0	0	0	0	4	9	4
Feeder 3	0	0	0	0	5	1	1	0	0	0	0	0	7	0
Feeder 4	0	0	0	0	5	1	3	0	0	0	0	0	9	0
Feeder 5	0	0	0	0	5	1	1	0	0	0	0	0	7	0
<b>Total Number of Outages (Dist)</b>	<b>6</b>	<b>1</b>	<b>20</b>	<b>14</b>	<b>49</b>	<b>17</b>	<b>14</b>	<b>10</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>147</b>	<b>5</b>

**Power Table 7 Power Outage Statistics – November 2016 to October 2017**

	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17	Aug 17	Sep 17	Oct 17	FY 2017	FY2018 YTD
<b>Duration of Outages (Hrs)</b>														
Forced - Generation	0.2	0.0	0.5	0.2	0.7	0.4	0.3	0.4	0.0	0.1	0.0	0.0	3.8	0.0
Planned - Generation	0.0	0.0	0.0	0.0	14.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	17.5	0.0
<b>Total Duration Gen Outage (Hrs)</b>	<b>0.2</b>	<b>0.0</b>	<b>0.5</b>	<b>0.2</b>	<b>14.7</b>	<b>0.4</b>	<b>3.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>21.3</b>	<b>0.0</b>
Forced - Distribution	3.4	0.4	7.2	2.7	1.8	1.4	1.9	3.5	3.1	0.6	0.0	1.9	30.4	1.9
Feeder 1	0.2	0.0	0.1	0.3	0.5	0.2	0.3	0.7	3.1	0.1	0.0	0.0	5.8	0.0
Feeder 2	0.2	0.4	1.5	1.9	0.3	0.7	0.4	0.7	0.0	0.1	0.0	1.9	9.7	1.9
Feeder 3	0.2	0.0	2.7	0.2	0.3	0.2	0.3	0.6	0.0	0.1	0.0	0.0	4.8	0.0
Feeder 4	2.6	0.0	0.1	0.3	0.3	0.2	0.4	0.7	0.0	0.1	0.0	0.0	5.0	0.0
Feeder 5	0.2	0.0	2.7	0.2	0.3	0.2	0.5	0.8	0.0	0.1	0.0	0.0	5.2	0.0
<b>Planned - Distribution</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>71.0</b>	<b>0.9</b>	<b>20.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>35.9</b>	<b>93.5</b>	<b>25.9</b>
Feeder 1	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	4.1	19.1	4.1
Feeder 2	0.0	0.0	0.0	0.0	14.2	0.2	5.0	0.0	0.0	0.0	0.0	21.8	19.4	21.8
Feeder 3	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	0.0	17.9	0.0
Feeder 4	0.0	0.0	0.0	0.0	14.2	0.2	4.9	0.0	0.0	0.0	0.0	0.0	19.3	0.0
Feeder 5	0.0	0.0	0.0	0.0	14.2	0.2	3.5	0.0	0.0	0.0	0.0	0.0	17.9	0.0
<b>Total Duration Dist Outage (Hrs)</b>	<b>6.8</b>	<b>0.8</b>	<b>14.4</b>	<b>5.4</b>	<b>74.5</b>	<b>3.7</b>	<b>24.2</b>	<b>7.0</b>	<b>6.2</b>	<b>1.2</b>	<b>0.0</b>	<b>29.6</b>	<b>123.8</b>	<b>27.8</b>





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

COMPANY WIDE DATA	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	FY2018
<b>Water Production (Gallons)</b>													
WTP Production	928,200	324,700	664,100	423,500	509,400	500,100	190,500	7,600	1,900	386,600	1,099,400	1,451,200	1,451,200
Pink Apartment Volume start of Month	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	490,000	490,000
Pink Apartment Volume end of Month	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	1,008,900	1,008,900
Pink Apartment Vol in to Supply/(Storage)	-330,600	-96,900	-131,100	(131,100)	34,500	-285,000	-285,300	0	449,000	485,000	-217,000	-518,900	-518,900
Tanker volume for billing						286,000	22,000	24,000	8,000	23,000	8,000	37,000	37,000
Well Production (into supply)	17,131,857	18,680,100	17,888,100	14,496,902	16,447,113	18,621,700	17,125,200	16,640,700	17,718,050	17,495,300	18,195,000	20,436,500	20,436,500
Volume into network	<b>17,729,457</b>	<b>18,907,900</b>	<b>18,421,100</b>	<b>14,789,302</b>	<b>16,991,013</b>	<b>18,836,800</b>	<b>17,030,400</b>	<b>16,648,300</b>	<b>18,160,950</b>	<b>18,343,900</b>	<b>19,069,400</b>	<b>21,331,800</b>	<b>22,904,700</b>
<b>Water Volume Billed (Gallons)</b>													
Commercial	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	1,165,105	1,165,105
Government (excludes hospital)	582,240	429,420	888,260	728,070	687,640	955,900	661,770	620,480	583,470	632,870	625,920	534,510	534,510
Government Hospital	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	652,000	490,200	490,200
Residential	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	3,791,355	3,791,355
Water Delivery and Bunkering	0	0	33,550	19,600	80,000	75,318	0	0	49,675	30,900	76,250	24,325	24,325
Water Adjustment													0
<b>Total</b>	<b>5,871,150</b>	<b>4,760,130</b>	<b>7,123,880</b>	<b>5,612,190</b>	<b>6,085,600</b>	<b>6,897,381</b>	<b>5,260,203</b>	<b>5,426,390</b>	<b>4,811,785</b>	<b>7,031,907</b>	<b>7,247,382</b>	<b>6,005,495</b>	<b>6,005,495</b>
<b>NRW</b>													
Volume	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	15,326,305	16,899,205
	66.9%	74.8%	61.3%	62.1%	64.2%	63.4%	69.1%	67.4%	73.5%	61.7%	62.0%	71.8%	73.8%
<b>Invoiced Water Value (USD)</b>													
Water Delivery and Bunkering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,679	\$6,901	\$5,735	\$11,410	\$10,493	\$7,304	0
Commercial	\$6,549	\$5,490	\$8,740	\$6,154	\$6,778	\$8,528	\$6,679	\$6,207	\$6,240	\$5,793	\$6,427	\$4,864	4,864
Government (includes hospital)	\$6,373	\$6,378	\$9,257	\$8,279	\$8,773	\$9,861	\$7,920	\$6,207	\$6,240	\$5,793	\$6,427	\$4,864	4,864
Residential	\$8,684	\$5,807	\$9,356	\$6,917	\$6,739	\$8,066	\$5,952	\$7,058	\$5,984	\$9,223	\$9,993	\$9,182	9,182
	\$21,605	\$17,675	\$27,354	\$21,350	\$22,289	\$26,455	\$20,551	\$20,166	\$17,959	\$26,426	\$26,912	\$21,350	\$21,350
<b>Sewer Charges (USD)</b>													
Commercial	\$2,309	\$2,126	\$3,024	\$2,339	\$2,652	\$3,564	\$3,076	\$3,004	\$2,604	\$3,661	\$4,004	\$2,833	2,833
Commercial - w/o water	\$3,640	\$3,640	\$3,640	\$3,640	\$3,640	\$3,640	\$3,537	\$3,537	\$3,537	\$3,537	\$3,742	\$3,685	3,685
Government	\$3,053	\$3,023	\$4,068	\$3,938	\$4,106	\$4,612	\$3,735	\$2,946	\$2,973	\$2,728	\$2,993	\$2,326	2,326
Residential	\$882	\$446	\$676	\$500	\$931	\$565	\$389	\$553	\$462	\$675	\$778	\$529	529
Residential w/o water	\$1,643	\$1,660	\$1,670	\$1,640	\$1,712	\$1,630	\$1,740	\$1,750	\$1,750	\$1,790	\$1,810	\$1,670	1,670
	\$11,527	\$10,895	\$13,077	\$12,057	\$13,041	\$14,010	\$12,477	\$11,789	\$11,325	\$12,390	\$13,326	\$11,042	\$11,042





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

COMPANY WIDE DATA	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	FY2018
<b>Water Connection Data (No. of Connections)</b>													
Commercial - Billed	66	67	68	62	66	67	70	68	69	72	72	79	77
Commercial - Disconnected	9	9	8	14	11	9	7	9	8	6	6	2	2
Commercial - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Ave Consumption - Gall/conn/mth	16,899	11,983	17,705	17,339	31,126	17,768	15,438	17,693	14,297	17,785	30,150	14,748	15,131.2317
Government - Billed	17	18	17	17	15	16	17	17	18	18	18	18	18
Government - Disconnected	4	5	6	6	8	7	6	6	5	5	5	5	5
Government - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Ave Consumption - Gall/conn/mth	34,249	23,857	52,251	42,828	45,843	59,744	38,928	36,499	32,415	35,159	34,773	29,695	29,695
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	892900	977300	1201000	1156800	1197800	-	-	-	-	-	-	-	#DIV/0!
Residential - Billed	324	305	327	305	313	321	312	311	313	336	352	369	369
Residential - Disconnected	142	161	140	162	155	150	161	163	161	139	123	102	102
Residential - Meter Pulled	84	84	84	84	84	85	85	85	85	89	89	93	93
Residential Ave Consumption - Gall/conn/mth	10,126	8,362	11,612	8,632	6,600	10,577	7,887	9,480	7,998	13,383	10,574	10,275	10274.6748
<b>Sewer Connection Data (No. of Connections)</b>													
Commercial Billed	35	34	35	37	36	40	43	44	437	463	467	460	460
Commercial Billed w/o water	53	53	53	53	53	53	53	53	40	45	44	44	47
Government Billed	16	15	16	16	14	15	16	16	53	53	53	53	53
Residential Billed	163	152	151	156	157	161	154	157	17	17	17	17	17
Residential Billed w/o water	163	166	167	163	164	163	174	174	153	169	181	181	181
<b>STP Inflow (MG/month)</b>	17.7	21.7	14.0	12.1	21.0	13.5	14.7	11.2	15.6	13.9	14.6	17.8	17.8
<b>SEWER OVERFLOWS</b>													
North Zone	0	1	0	0	0	0	1	1	0	0	0	2	2
South Zone	0	2	1	1	0	0	0	1	0	1	2	3	3

**Water Table 3 Zonal Water Use Statistics – FY2018**

ZONAL NRW - October 2017				ZONAL NRW - FY2018 YTD					
Zone	Production Gallons	Sales Gallons	NRW		Production Gallons	Sales Gallons	NRW		
			Gallons	%			Gallons	%	
1	70,000	444,590	-374,590	-535%	70,000	444,590	-374,590	-535%	
2	15,717,800	4,085,725	11,632,075	74%	15,717,800	4,085,725	11,632,075	74%	
3	825,300	45,920	779,380	94%	825,300	45,920	779,380	94%	
4	714,400	193,820	520,580	73%	714,400	193,820	520,580	73%	
5	10,000	2,600	7,400	74%	10,000	2,600	7,400	74%	
6	2,777,700	930,750	1,846,950	66%	2,777,700	930,750	1,846,950	66%	
7	50,000	45,870	4,130	8%	50,000	45,870	4,130	8%	
8	661,200	256,220	404,980	61%	661,200	256,220	404,980	61%	
<b>Total</b>	<b>20,826,400</b>	<b>6,005,495</b>	<b>14,820,905</b>	<b>71%</b>	<b>20,826,400</b>	<b>6,005,495</b>	<b>14,820,905</b>	<b>71%</b>	
<b>ZONAL WATER CONSUMPTION - October 2017</b>				<b>ZONAL WATER CONSUMPTION - FY2018 YTD</b>					
Zone	Avg Use - Gallons/Connection			Residential	Commercial	Avg Use - Gallons/Connection			Residential
	Government	Hospital	Commercial			Government	Hospital	Commercial	
1	0	-	7	37,023	7	0	-	37,023	
2	26,859	-	16,335	8,853	16,335	26,859	-	8,853	
3	0	-	0	7,653	0	0	-	7,653	
4	0	-	0	19,382	0	0	-	19,382	
5	0	-	0	2,600	0	0	-	2,600	
6	0	490,200	4,416	0	4,416	0	490,200	11,704	
7	0	-	0	9,174	0	0	-	9,174	
8	185	-	0	8,019	0	185	-	8,019	
<b>Total</b>	<b>17,768</b>	<b>59,744</b>	<b>219,773</b>	<b>10,577</b>	<b>219,773</b>	<b>444,913</b>	<b>11,831,300</b>	<b>109,562</b>	

### Work Order Summary – End October 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
<b>TOTAL ALL WORK ORDERS</b>	<b>162</b>	<b>193</b>	<b>204</b>	<b>148</b>	<b>157</b>	<b>198</b>
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%		
<b>TOTAL ALL WORK ORDERS</b>			<b>44.2%</b>			

# Administration Table 1 H&S Statistics – October 2017 & FY 2018



## HEALTH & SAFETY REPORT: FY2017 - October 2017

### 1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	October 2017						YEAR TO DATE - FY2017					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,635	0	0	0	0	0	1,635	0	0	0	0	0
Maintenance	4	857	0	0	0	0	0	857	0	0	0	0	0
Power Distribution - Line	17	2,862	0	0	0	0	0	2,862	0	0	0	0	0
Power Distribution - Contractors	13	2,052	0	0	0	0	0	2,052	0	0	0	0	0
Water & Sewer	9	1,512	0	0	0	0	0	1,512	0	0	0	0	0
Water & Sewer Contractors	13	2,523	0	0	0	0	0	2,523	0	0	0	0	0
Fin, Admin, Cust Care	20	2,720	0	0	0	0	0	2,720	0	0	0	0	0
<b>TOTAL</b>	<b>85</b>	<b>14,162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company 513,886

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	October 2017		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	97	0	97
Maintenance	4	39	0	39
Power Distribution - Line	17	155	0	155
Power Distribution - Customer	13	0	0	0
WSS _ Treatment/Prod	9	69	0	69
WSS Networks	13	0	0	0
Finance, Admin Cust Coord	20	157	0	157
<b>TOTAL</b>	<b>85</b>	<b>516</b>	<b>0</b>	<b>516</b>
<b>Sick Hours as Percentage of Total Hours Worked</b>		<b>3.6%</b>	<b>0.0%</b>	<b>3.6%</b>

Year To Date FY2017				
Total Hours Sick	Accident Related		Poor Health	
97	0	0	97	0
39	0	0	39	0
155	0	0	155	0
0	0	0	0	0
69	0	0	69	0
0	0	0	0	0
157	0	0	157	0
<b>516</b>	<b>0</b>	<b>0</b>	<b>516</b>	<b>0</b>
<b>3.6%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>3.6%</b>	<b>0.0%</b>

DEPARTMENT	Number of Staff	October 2017		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	5.9%	0.0%	5.9%
Maintenance	4	4.5%	0.0%	4.5%
Power Distribution - Line	17	5.4%	0.0%	5.4%
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	5.8%	0.0%	5.8%
<b>TOTAL</b>	<b>85</b>	<b>3.6%</b>	<b>0.0%</b>	<b>3.6%</b>



## Administration Table 2 Attendance Summary – October 2017 & FY 2018

DEPARTMENT	Number of Staff	YEAR TO DATE - FY2017														
		October 2017						FY2017								
		Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		Sick Leave	Annual Leave	Total Hours Claimed	Sick Leave As % of Hours claimed		
Regular	Overtime	Regular	Overtime													
Power Generation	9	1,391	244	68	97	42	1,841	0	1,391	244	68	97	42	1,841	0	5.2%
Maintenance	4	636	221	34	39	0	930	0	636	221	34	39	0	930	0	4.2%
Power Distribution - Line	17	2,422	440	205	155	135	3,357	0	2,422	440	205	155	135	3,357	0	4.6%
Power Distribution - Contractors	13	2,026	26	10	0	8	2,070	0	2,026	26	10	0	8	2,070	0	0.0%
Water & Sewer	9	1,350	161	81	69	73	1,735	16	1,350	161	81	69	73	1,735	16	4.0%
Water & Sewer Contractors	13	2,493	30	19	0	0	2,543	0	2,493	30	19	0	0	2,543	0	0.0%
Fin, Admin, Cust Care	20	2,501	219	271	157	104	3,253	31	2,501	219	271	157	104	3,253	31	4.8%
<b>TOTAL EMPLOYEES</b>	<b>85</b>	<b>12,820</b>	<b>1,342</b>	<b>687</b>	<b>516</b>	<b>362</b>	<b>15,728</b>	<b>47</b>	<b>12,820</b>	<b>1,342</b>	<b>687</b>	<b>516</b>	<b>362</b>	<b>15,728</b>	<b>47</b>	<b>3.3%</b>
<b>REGULAR STAFF</b>	<b>59</b>	<b>8,301</b>	<b>1,286</b>	<b>658</b>	<b>516</b>	<b>354</b>	<b>11,116</b>	<b>47</b>	<b>8,301</b>	<b>1,286</b>	<b>658</b>	<b>516</b>	<b>354</b>	<b>11,116</b>	<b>47</b>	
Hours as % of Total Hours Claimed		74.7%	11.6%	5.9%	4.6%	3.2%		0.4%	74.7%	11.6%	5.9%	4.6%	3.2%		0.4%	
<b>CONTRACT STAFF</b>	<b>26</b>	<b>4,519</b>	<b>56</b>	<b>29</b>	<b>0</b>	<b>8</b>	<b>4,612</b>	<b>0</b>	<b>4,519</b>	<b>56</b>	<b>29</b>	<b>0</b>	<b>8</b>	<b>4,612</b>	<b>0</b>	
Hours as % of Total Hours Claimed		98.0%	1.2%	0.6%	0.0%	0.2%		0.0%	98.0%	1.2%	0.6%	0.0%	0.2%		0.0%	

## CAPEX Table 1 Major Capex Project Summary – October 2017

<b>INITIAL GRANT FUNDS</b>	<b>7,690,000</b>				
<b>PART 1 - COMPLETE</b>	<b>Original Budget</b>				
<b>Supply Continuity - Pre Implementation</b>					
Overhaul of Existing Generator	233,500				
<b>ADB ODP Matching Funding</b>					
Import Duty On ADB ODP Project (Counterpart Funds)	149,900				
Warehousing for ODP Project	25,008				
ODP Project - Line Construction Supervision	62,500				
<b>Power Plant</b>					
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				
<b>PART 1 Spend Total</b>	<b>1,191,108</b>				
<b>Balance of Grant for PART 2</b>	<b>6,498,892</b>				
	<b>Original Budget</b>	<b>Revised Budget</b>	<b>Variance on</b>	<b>Spend to End</b>	<b>Spend To</b>
<b>PART 2</b>		<b>September 17</b>	<b>Original Budget</b>	<b>September 17</b>	<b>Completion</b>
<b>Power Plant Project - RJE</b>	6,237,928	6,237,924	0	6,237,924	0
<b>Agreed Variations</b>					
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
<b>Agreed Negative Variations</b>					
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
<b>Clients' Engineer - McMahon Ltd</b>					
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
<b>Agreed Variations</b>					
Amendment #1 - Tonoas Power Plant Design		34,100	-34,100	34,100	0
<b>CPUC Managed Projects</b>	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
<b>Agreed Additions</b>					
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
<b>Additional CPUC Costs</b>					
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
<b>Expenditure</b>	<b>6,835,428</b>	<b>7,374,445</b>	<b>-530,744</b>	<b>7,340,574</b>	<b>33,871</b>
	<b>Original Funding</b>			<b>Drawn</b>	<b>Balance</b>
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
<b>Total Funds Available</b>	<b>7,374,445</b>	<b>7,374,445</b>		<b>7,363,292</b>	<b>11,153</b>





**CAPEX Table 2 Capex Summary Sheet – October 2017**

Chuuk Public Utility Corporation Capex Summary Sheet as of October 31, 2017									
A	B	C	D	E	F	G	(A+B)	(A+C)	(F-G)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted	Cash Drawdown	OIA Balance	Cash Balance	
FY 2018 Professional management -	266,298	266,298	26,718	239,580	0	0	266,298	-26,718	
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	135,680	40,007	95,673	614,320	0	750,000	-40,007	
<b>Total</b>	<b>1,016,298.00</b>	<b>401,978.00</b>	<b>66,725.00</b>	<b>335,253.00</b>	<b>614,320.00</b>	<b>0.00</b>	<b>1,016,298.00</b>	<b>-66,725.00</b>	