

CHUUK PUBLIC UTILITY CORPORATION

Monthly Operations Report

December 2016



Issued:

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Dec-16	YTD 2017	US\$/kWh Sold		US\$/kWh generated	
			Dec 16	YTD 2017	Dec-16	2017 YTD
Revenue	532,850	1,085,623	0.479	0.328	0.394	0.271
Variable Costs	256,002	503,746	0.230	0.152	0.189	0.126
Fixed Costs	209,663	363,959	0.188	0.110	0.155	0.091
Total Expenses	465,665	867,705	0.418	0.262	0.344	0.217
Operating result	67,185	217,918	0.060	0.066	0.050	0.054
	kWh	kWh				
Power generation	1,352,920	4,002,544				
Diesel	1,323,200	3,914,900				
Solar	29,720	87,644				
Solar PV as % of Total Generation	2.2%	2.2%				
Avoided Cost of Fuel - US\$	5,641	16,567				
Tons of CO2 Avoided	20.1	59.8				
					Sales	
Government Sales	202,296	633,026	Feeder	Conn's	Dec-16	2017 YTD
Commercial Sales	593,453	1,776,327	F1	317	215,698	696,548
Residential Sales	266,814	757,247	F2	352	110,185	223,593
Intercompany Sales	59,951	160,017	F3	470	371,372	1,111,680
Sales Accrual	-8,986	-14,917	F4	528	358,012	1,100,571
Total Sales	1,113,528	3,311,700	F5	364	56,872	177,433
Power Loss	17.7%	17.3%	Total	2,031	1,112,138	3,309,825
Operating ratio	0.87	0.82	NB - Error			
Water Produced - Gallons	18,907,900	215,487,270				
Water Sold - Gallons	4,760,330	19,099,030				
Non Revenue Water	74.8%	91.1%				

Daily generated output in December was 43,643 kWh/day; 0.2% lower than November. Average daily sales were 35,920kWh/day; 0.4% lower than November. Total power loss was 17.7% (YTD 17.3%).

Average fuel efficiency in December remained above forecast at 14.9 kWh/gallon

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

Government – 18.2%; Commercial – 53.3%; Residential –24.0%; Intercompany 5.4%; Accrual -0.8%;

Solar PV generation in November was 29,720 kWh or 2.2% of total generation. The avoided cost of fuel was US\$5,641 and the amount of Carbon Dioxide avoided was 20.1 tons.

From a commercial perspective the operating result for November was US\$67,185 with an operating ratio of 0.87 – higher than forecast costs we incurred for legal fees which reduced the operating result by around US\$20,000.

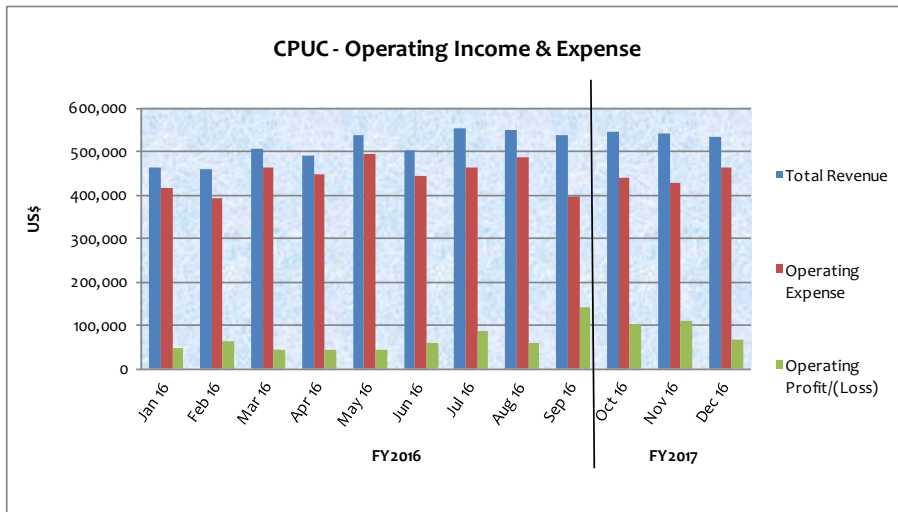
Non-revenue water average FY2017YTD was 61.3%. Work being carried out to reduce commercial losses and manage production at lower levels is expected to bear fruit in coming months

Work on the power plant project is on schedule. Equipment was shipped from Adelaide and arrived in Chuuk at New Year. RJE completed the necessary civil work preparation in December in readiness for placement of plant in January 2017.

Rebuilding of the power distribution line from Sapuk Junction to Tunnuk is ongoing – this was approximately 95% complete at the end of December and is on schedule to be completed by the end of January 2017.

CPUC have still not been granted access to the sewer grinder station in Peniesene in spite of having an injunction in place. Further legal action is likely to be taken in January 2017.

1 FINANCIAL PERFORMANCE GRAPHS



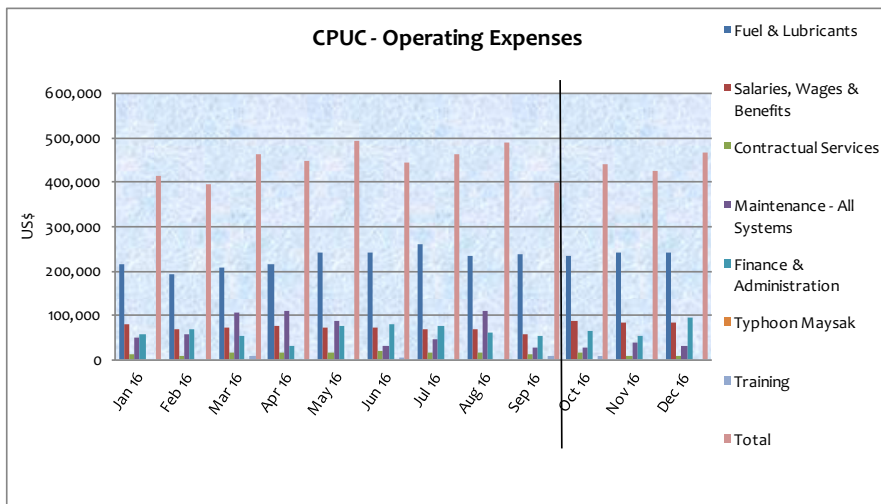
1.1 Key Points:

FY2017 Operating income before Depreciation & Interest :

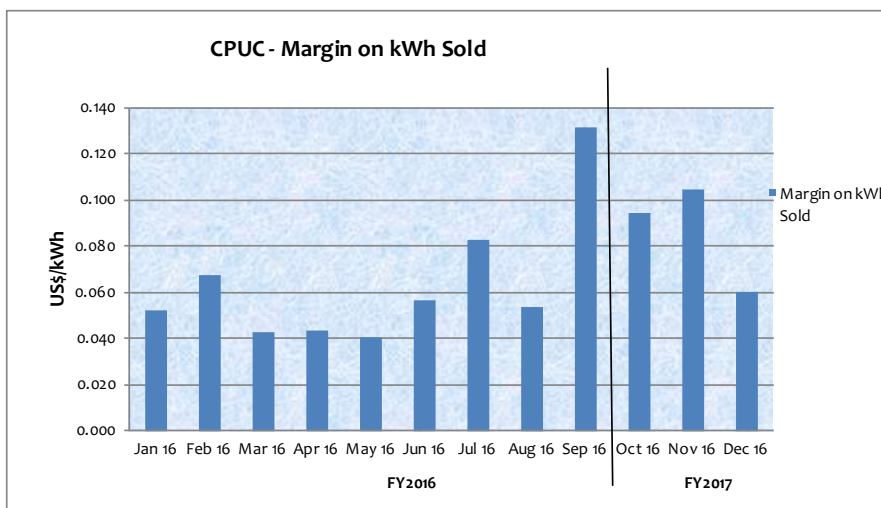
December 2017 US\$67k;

FY2017 US\$285k

Operating ratio: YTD 0.82;

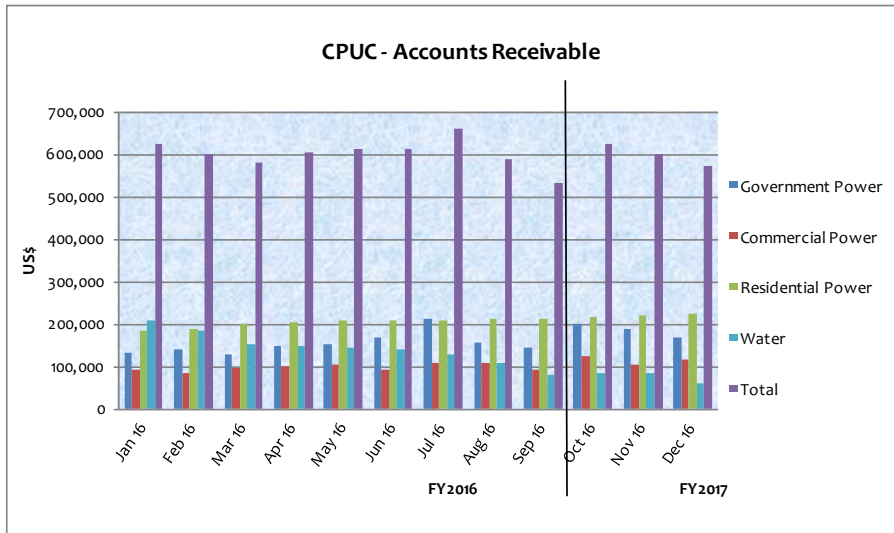


1.2 Key Points:



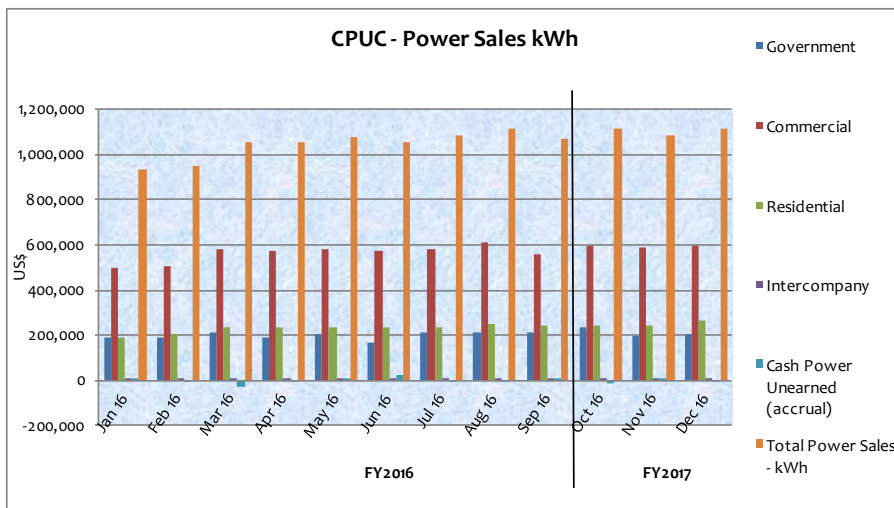
1.3 Key Points:

Avg for FY2017 YTD US\$ 0.086/kWh sold

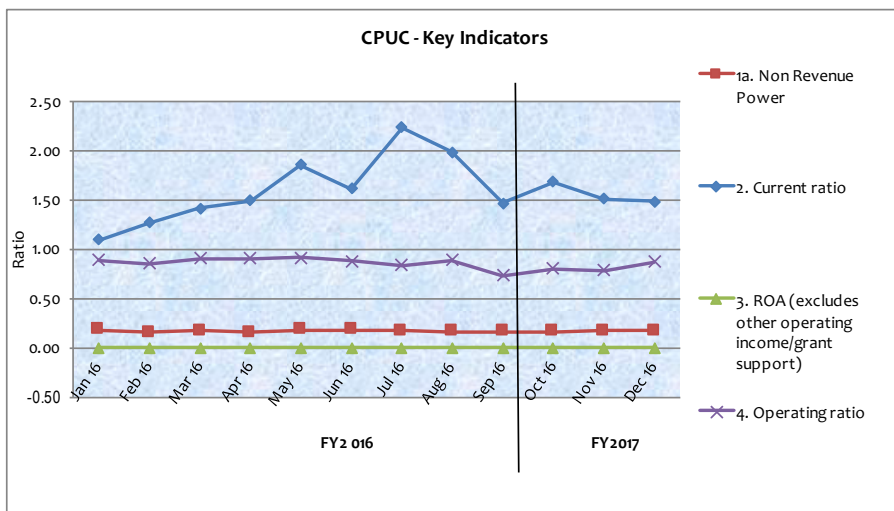


1.4 Key Points:

A sustained effort is being made by the billing department to reduce water arrears; Initial indications are that the efforts are working; A collection target of 95% has been set for FY2016;

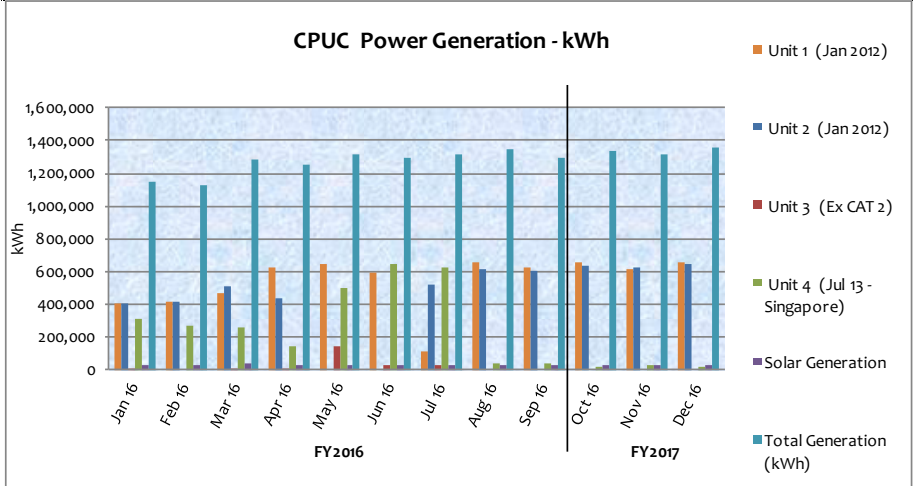


1.5 Key Points:

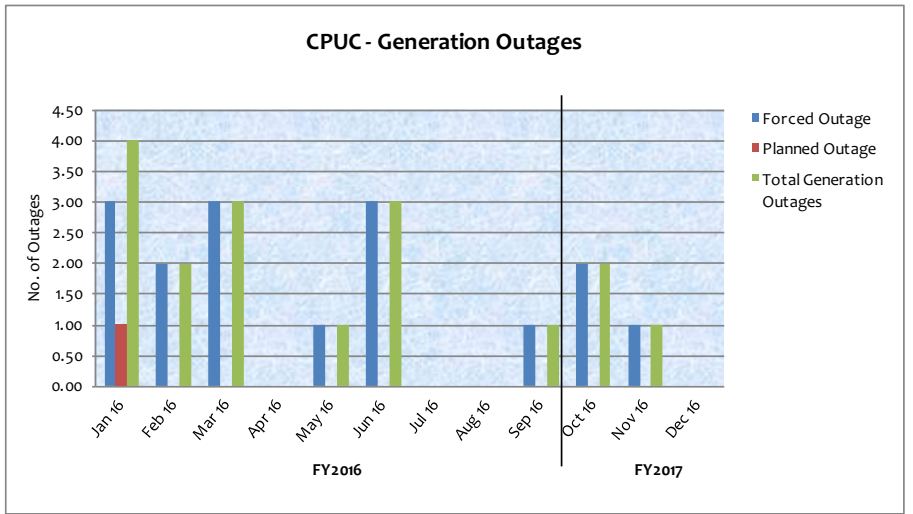


1.6 Key Points:

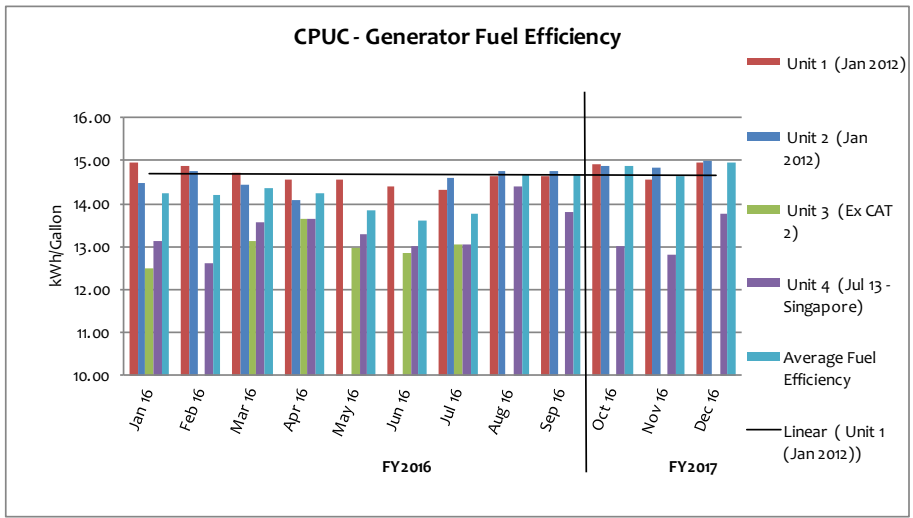
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

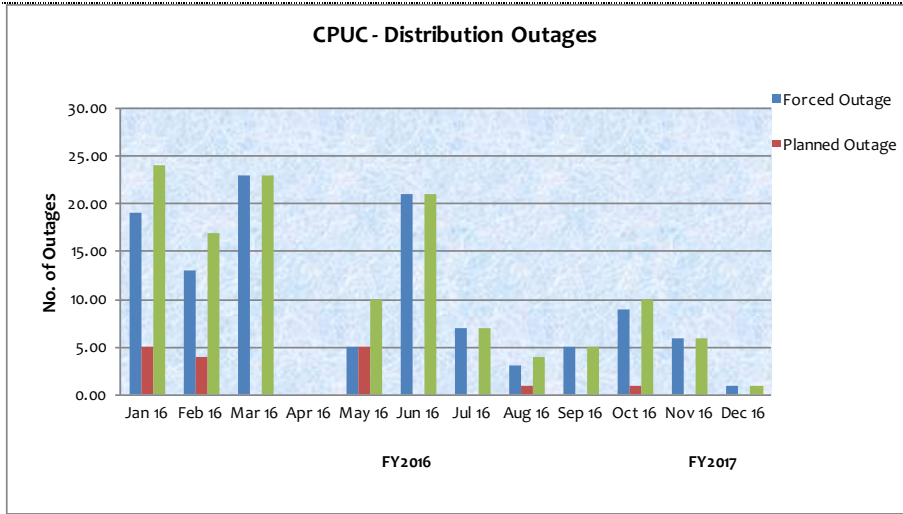


2.2 Key Points:

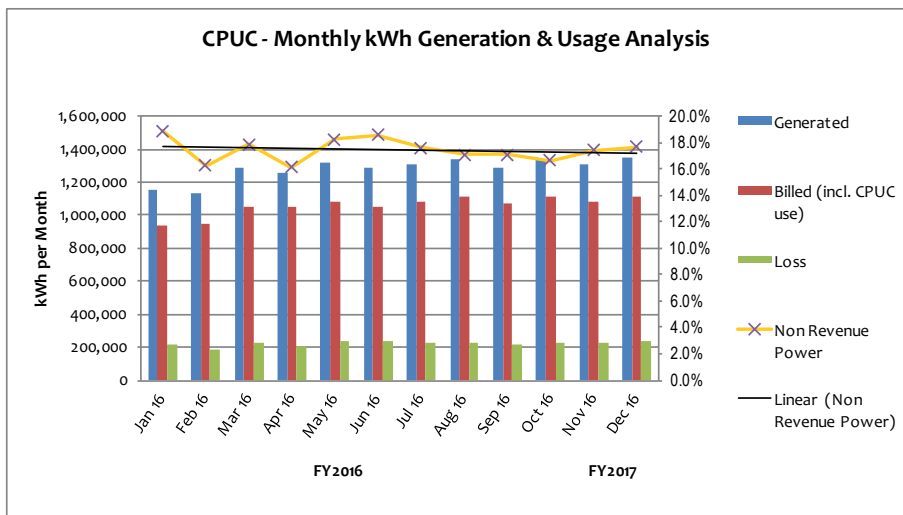


2.3 Key Points:

Avg fuel efficiency
FY2017 YTD = 14.75
kWh/gallon.



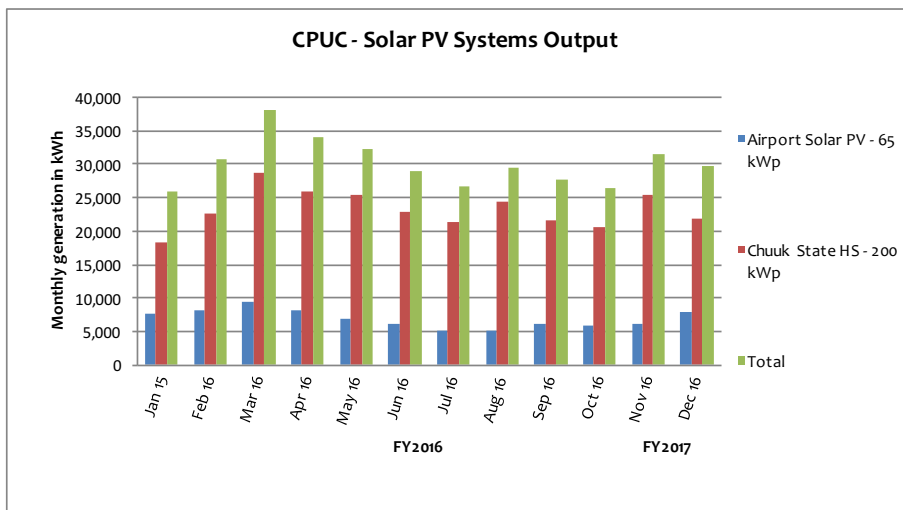
2.4 Key Points



2.5 Key Points:

Power loss avg. For Dec 16 – 17.7%;

YTD – 17.3%;



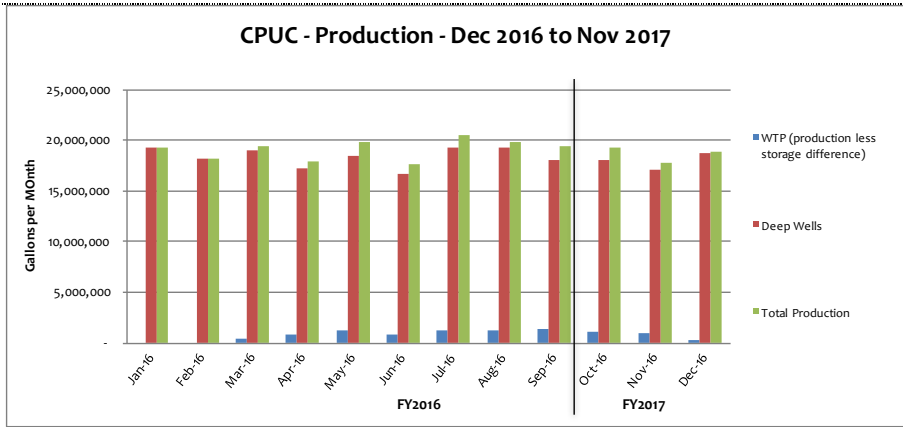
2.6 Key Points:

Solar PV accounted for 2.2% of CPUC generation in Dec 16;

Avoided cost of fuel was: US\$5,641;

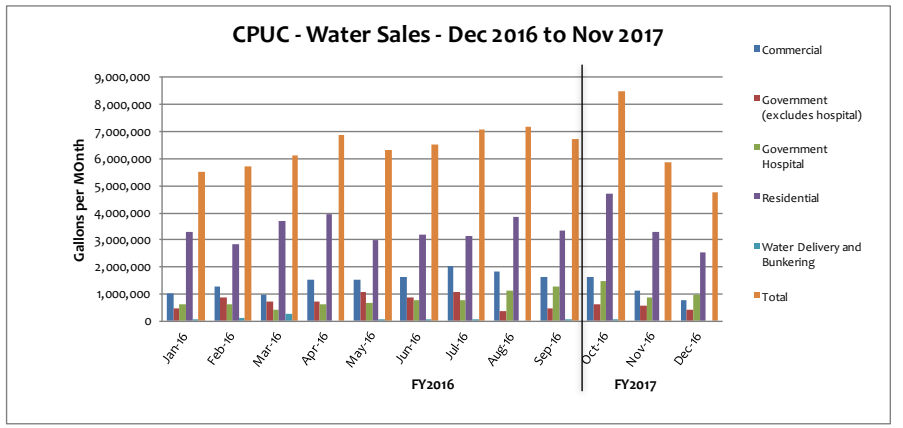
Avoided Tons of CO2 was 20.1 Tons.

3 WATER PERFORMANCE GRAPHS



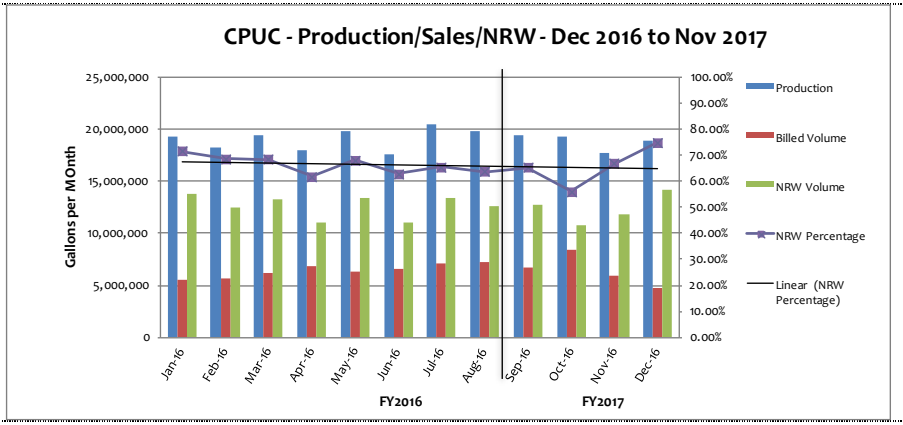
1 Key Points:

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



Key Points:

Oct sales were read over 38 days and November over 23 days – average sales over the 2 months was 7.2 MG/mth



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 – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY 2016	FY2017 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	416,777	405,883	438,722	446,808	465,188	458,828	488,710	497,252	486,652	497,453	477,869	491,185	5,449,988	1,466,507
b. Water Sales	19,937	20,426	20,800	25,052	24,293	24,280	27,755	26,912	22,701	29,946	21,364	15,354	282,889	66,663
c. Sewer Sales	11,103	11,148	10,291	11,922	13,313	13,364	13,250	12,771	12,378	14,245	10,619	10,792	148,674	35,656
d. I/Company Power Sales (in Power Sales from Oct 15)	-	-	-	-	-	-	-	-	-	-	-	-	0	0
d.Other operating revenue	16,437	20,671	38,634	8,154	34,902	6,812	23,000	11,570	17,646	3,502	30,625	15,519	215,270	49,646
Revenue - Total	464,254	458,127	508,447	491,935	537,697	503,285	552,715	548,506	539,377	545,146	540,476	532,850	6,096,822	1,618,473
Expenses - US\$														
Fuel & Lubricants	213,491	192,177	206,275	213,943	242,003	242,754	258,693	235,811	236,408	232,779	240,472	243,493	2,773,125	716,745
Salaries, Wages & Benefits	81,706	69,513	74,336	75,794	72,072	73,323	68,383	67,328	58,225	89,073	85,117	85,138	854,982	259,328
Contractual Services	13,830	9,533	14,633	17,578	15,500	19,807	15,602	14,367	12,891	17,284	9,422	9,069	172,034	35,774
O&M - Power Generation	7,737	31,693	43,656	71,121	62,028	8,180	14,495	70,700	7,373	5,744	5,174	3,368	364,702	14,285
O&M - Power Distribution	18,917	8,431	17,486	14,144	2,585	6,687	11,544	9,002	14,605	5,515	11,410	7,154	132,516	24,078
O&M - Water	3,160	6,171	27,360	10,666	10,153	1,336	5,980	9,462	-15,188	3,243	2,122	400	66,913	5,765
O&M - Sewer	1,630	229	3,596	0	338	928	743	873	649	705	763	841	11,760	2,310
Finance & Administration Overheads	39,127	49,753	33,698	7,945	53,901	58,610	54,129	41,962	33,325	43,596	43,493	84,402	508,139	171,491
Vehicle & Eq. Fuel	19,087	9,368	15,650	13,733	11,975	13,349	12,242	18,836	20,787	13,434	19,460	19,292	190,788	52,186
CPUC Power Usage (incl. in O&M from Oct 15)	17,285	17,305	19,697	21,656	23,394	19,713	21,858	20,631	21,405	20,393	10,102	12,509	237,605	43,004
Training	0	0	7,232	0	0	465	0	0	8,433	8,405	0	0	23,373	8,405
Expense - Total	415,970	394,172	463,619	446,578	493,951	444,153	463,668	488,971	398,912	440,171	427,534	465,665	5,335,937	1,333,370
Operating Income/(Loss)	48,284	63,954	44,828	45,357	43,746	59,132	89,047	59,535	140,466	104,976	112,942	67,185	760,884	285,102
Non-Cash Expenses - US\$														
Depreciation	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	151,246	98,146	98,146	98,146	673,686	294,438
Interest Expense	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	12,133	6,135	6,135	6,135	126,319	18,405
Non-Cash Expense - Total - US\$	57,875	57,875	57,875	57,875	57,875	57,875	57,875	57,875	163,378	104,281	104,281	104,281	800,005	312,843
Net Income/(Loss) - excluding grant support - US\$	-9,591	6,079	-13,047	-12,519	-14,129	1,257	31,171	1,659	-22,913	695	8,661	-37,096	-39,121	-27,740
Non-operating Income (Grant Support) - US\$	2	42,615	36	157	5	-3	13	2	306	386,334	30,299	517,938	43,156	934,572
Net Income/(Loss) - including grant support - US\$	-9,589	48,694	-13,011	-12,362	-14,124	1,254	31,184	1,662	-22,606	387,030	38,960	480,842	4,035	906,832

Financial Table 2 Cash Flow and A/R Report – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY2016	FY2017 YTD
Cash Flow Report - US\$														
Receipts	334,408	1,677,955	3,538,426	744,022	456,758	1,533,453	2,623,428	510,111	480,794	817,295	475,496	1,103,561	13,344,029	2,396,352
Disbursements	453,811	1,026,891	846,444	561,788	2,703,561	2,014,576	1,216,222	1,311,543	1,004,365	878,275	803,772	1,130,611	12,918,230	2,812,658
Net receipts/Disbursements	-119,403	651,064	2,691,982	182,234	-2,246,803	-481,123	1,407,206	-801,432	-523,571	-60,980	-328,276	-27,050	425,799	-416,306
Cash balance (beginning)	685,395	565,992	1,217,056	3,909,038	4,091,272	1,844,469	1,363,346	2,770,552	1,969,120	1,445,550	1,384,570	1,056,294	1,969,120	1,445,550
Cash balance (end)	565,992	1,217,056	3,909,038	4,091,272	1,844,469	1,363,346	2,770,552	1,969,120	1,445,550	1,384,570	1,056,294	1,029,244	1,445,550	1,029,244
Other Financial Data - US\$														
Cash in Hand	1,394	1,394	1,394	1,394	1,394	1,394	1,694	1,394	1,394	1,394	1,394	1,694	1,394	1,694
Cash in Banks (Bank Overdraft)	564,598	1,215,662	3,907,644	4,089,878	1,843,075	1,361,953	2,768,858	1,967,727	1,444,156	1,383,176	1,054,900	1,027,550	1,444,156	1,027,550
Stocks	2,062,995	1,233,096	1,242,951	1,370,376	1,369,145	1,413,151	1,262,914	1,398,125	1,202,928	1,216,385	1,255,575	1,284,593	1,202,928	1,284,593
Trade Receivable	423,790	412,339	402,274	438,968	458,402	473,195	604,139	472,006	432,192	527,503	538,405	506,981	432,192	506,981
Other Accounts Receivable (Due From)	1,034,558	1,037,199	1,030,719	1,024,240	1,034,026	1,123,706	1,133,795	1,125,760	1,134,799	1,144,297	1,154,177	1,164,133	1,134,799	1,164,133
Loans Payable	4,705,182	4,912,182	4,836,701	4,832,209	4,827,920	4,710,555	4,706,144	4,702,046	4,817,912	1,858,828	1,897,589	1,898,611	4,817,912	1,898,611
Payables to Suppliers & creditors	2,786,032	2,254,989	3,910,231	3,934,468	1,976,537	2,008,582	2,006,012	1,931,292	2,101,725	4,813,813	4,809,714	4,805,099	2,101,725	4,805,099
Total Accounts Receivable (to date) - US\$														
Government Power	134,897	142,271	128,921	150,509	151,591	169,124	212,279	155,594	143,797	200,615	189,160	169,281	143,797	169,281
Commercial Power	95,297	86,720	98,324	101,591	106,705	93,703	107,626	111,225	93,596	124,225	106,452	118,825	93,596	118,825
Residential Power	184,460	187,587	201,722	204,364	208,539	209,443	210,534	211,923	214,622	216,303	221,859	225,292	214,622	225,292
Water	209,690	185,167	152,422	149,696	145,446	141,440	130,913	107,757	82,136	84,091	84,625	59,875	82,136	59,875
Sewer	115,942	127,090	137,381	144,508	157,821	171,186	254,487	197,207	209,741	223,597	234,848	245,408	209,741	245,408
Allowance for Doubtful	-316,495	-316,495	-316,495	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700
Total	423,790	412,339	402,274	438,968	458,402	473,195	604,139	472,006	432,192	537,131	525,244	506,981	432,192	506,981

Financial Table 3 Power Sales Report – January to December 2016

Power Sales Report	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY2016	FY2017 YTD
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	56,990	52,208	54,406	54,139	54,197	57,194	59,896	60,659	61,608	58,177	59,051	55,968	687,955	173,196
Government - Pre Paid (Cash Power)	29,746	31,550	35,951	29,019	35,491	17,714	36,814	34,759	39,862	47,105	30,976	34,131	380,886	112,212
Government Streetlights	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	3,194	4,823	3,362	31,152	11,380
Solar	2,855	2,855	2,855	3,750	3,750	3,750	3,836	3,836	3,836	3,671	3,671	3,671	39,303	11,013
Government Scratchcard	0	0	0	0	0	0	0	19	28	111	37	0	46	149
Government Total	92,187	89,209	95,808	89,504	96,034	81,254	103,142	101,849	107,902	112,148	98,521	97,132	1,139,296	307,801
Commercial - Post Paid	165,977	157,130	179,614	182,275	187,413	188,850	200,224	203,442	189,140	199,103	196,888	199,201	2,194,067	595,192
Commercial - Pre Paid (Cashpower)	53,762	57,023	61,326	59,985	60,522	61,869	61,710	66,060	62,720	64,693	63,376	70,325	734,527	198,395
Commercial - Scratchcard	0	0	0	0	0	0	0	232	644	844	1,374	0	876	2,217
Commercial Total	219,739	214,153	240,941	242,260	247,935	250,718	261,934	269,503	251,860	263,796	260,263	269,527	2,928,594	793,586
Residential - Post Paid	4,827	5,607	4,486	4,725	6,483	3,249	3,518	3,721	4,046	4,769	4,870	4,915	57,246	29,109
Residential - Pre Paid (Cashpower)	73,192	75,512	84,283	88,158	87,855	92,204	91,805	95,859	89,851	90,299	91,996	102,134	1,041,498	568,858
Residential Scratch Card Sales	0	0	0	0	0	0	4,836	5,279	5,267	6,942	6,906	6,950	15,382	20,798
Residential Total	78,019	81,120	88,769	92,883	94,338	95,452	100,160	104,860	99,165	102,010	103,772	113,999	1,114,126	618,765
Trade Power Sales Total	389,945	384,481	425,518	424,647	438,308	427,425	465,235	476,212	458,926	477,954	462,557	480,658	5,182,016	1,720,153
Intercompany - CPUC Office	1,264	1,462	1,374	1,428	1,348	1,534	1,533	1,237	1,481	1,330	766	915	17,401	6,020
Intercompany - CPUC Power Operation	2,060	1,725	1,544	1,852	1,559	1,374	2,052	1,558	1,768	2,085	1,303	1,685	22,573	10,145
Intercompany - CPUC Water Operations	11,648	11,035	11,953	12,830	11,227	9,768	10,823	10,556	11,788	12,153	4,932	5,265	134,388	44,701
Intercompany - CPUC Sewer Operations	5,637	6,270	7,744	8,825	12,167	9,944	11,035	10,075	9,618	8,240	5,170	7,243	103,217	41,306
Cash Power UnEarned	6,224	-910	-9,410	-2,775	579	8,783	-1,968	-2,618	2,400	-5,263	1,730	-4,581	-12,332	-16,230
Total Power Sales - US\$	416,777	404,062	438,722	446,808	465,188	458,828	488,710	497,020	485,980	496,498	476,458	491,185	5,447,263	1,806,096
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	122,835	117,113	125,273	121,938	119,622	123,826	126,964	128,975	125,572	124,932	121,571	117,325	1,490,862	363,828
Government - Pre Paid (Cash Power)	63,900	71,170	82,743	65,477	78,468	38,357	78,128	74,863	85,707	101,214	65,502	71,523	826,784	238,239
Government - Street Lights	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	6,830	10,364	13,448	56,376	30,642
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	0	0	0	0	0	0	0	40	60	239	78	0	100	317
Government Total	191,433	192,981	212,714	192,113	202,789	166,881	209,790	208,576	216,037	233,215	197,515	202,296	2,374,122	633,026
Commercial - Post Paid	375,069	368,695	434,428	429,926	438,350	436,251	442,069	457,726	413,114	449,324	443,473	439,635	4,974,330	1,332,433
Commercial - Pre Paid (Cashpower)	120,677	134,710	147,953	141,740	140,000	140,038	136,768	148,684	140,912	145,248	139,933	153,817	1,664,835	438,999
Commercial Scratchcard	0	0	0	0	0	0	0	541	1,446	1,891	3,005	0	1,987	4,896
Commercial Total	495,746	503,405	582,381	571,666	578,350	576,289	578,837	606,952	555,472	596,464	586,411	593,453	6,641,152	1,776,327
Residential - Post Paid	11,822	13,855	12,015	12,001	13,839	10,019	8,315	8,857	9,633	11,480	11,022	11,540	139,074	34,041
Residential - Pre Paid (Cashpower)	176,196	192,045	219,258	224,264	218,436	223,958	218,013	231,433	216,509	217,430	217,588	239,134	2,533,459	674,152
Residential Scratch Card Sales	0	0	0	0	0	0	11,485	12,451	12,680	16,694	16,220	16,140	36,616	49,054
Residential Total	188,019	205,901	231,273	236,265	232,275	233,977	237,812	252,741	238,821	245,604	244,829	266,814	2,709,149	757,247
Trade Power Sales Total	875,198	902,287	1,026,367	1,000,044	1,013,414	977,147	1,026,439	1,068,269	1,010,330	1,075,283	1,028,755	1,062,563	11,724,422	3,166,600
Intercompany - CPUC Office	2,838	3,453	3,314	3,327	3,119	3,162	3,398	2,749	3,327	2,891	3,040	3,629	39,023	9,560
Intercompany - CPUC Power Operation	4,623	4,075	3,725	4,313	3,607	3,133	4,547	3,463	3,973	4,534	5,170	6,685	50,902	16,389
Intercompany - CPUC Water Operations	26,145	26,069	28,837	29,887	25,971	22,277	23,987	23,457	26,443	26,426	19,572	20,894	304,560	66,892
Intercompany - CPUC Sewer Operations	12,653	14,812	18,682	20,557	28,145	22,678	24,457	22,389	21,608	17,916	20,517	28,743	233,739	67,176
Cash Power Unearned (accrual)	11,165	-3,190	-25,164	-3,912	4,194	22,873	-2,173	-6,155	4,153	-11,832	5,901	-8,986	-8,322	-14,917
Total Power Sales - kWh	932,622	947,506	1,055,761	1,054,216	1,078,450	1,051,270	1,080,655	1,114,172	1,069,874	1,115,218	1,082,955	1,113,528	12,344,324	3,311,700

Financial Table 4 Water Sales Report – January to December 2016

Water/Sewer Sales Report	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY2016	
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$				\$	
Government	5,509	7,214	5,778	6,648	8,567	8,111	9,239	7,340	8,667	10,309	6,380	6,398	88,389	23,087
Commercial	4,882	5,956	4,489	7,524	7,458	8,031	9,901	8,978	7,993	8,078	6,366	3,195	86,657	17,639
Residential	9,770	8,242	10,533	11,039	8,269	8,858	8,615	10,725	9,165	13,251	8,685	5,760	114,666	27,697
Provision for Billing Errors	-223	-986	0	-160	0	-721	0	-132	-3,124	-1,693	-67	0	-6,823	-1,760
Total	19,937	20,426	20,800	25,052	24,293	24,280	27,755	26,912	22,701	29,946	21,364	15,354	282,889	66,663
Sewer Sales - US\$														
Government	2,731	3,574	2,762	3,240	4,174	3,949	4,504	3,557	4,223	5,018	3,053	3,024	43,281	11,094
Commercial	2,170	2,387	1,840	3,014	3,433	3,697	3,301	3,261	2,869	2,966	2,309	5,710	35,423	10,985
Commercial with No Water	3,355	3,355	3,394	3,394	3,345	3,345	3,345	3,345	3,626	3,640	3,574	0	41,624	7,215
Residential	1,638	392	794	1,019	672	749	683	970	720	1,168	882	2,059	10,373	4,109
Residential with No Water	1,950	1,900	1,820	1,740	1,690	1,720	1,680	1,670	1,650	1,660	1,622	0	21,890	3,282
Provision for Billing Errors	-741	-460	-319	-486	0	-96	-263	-31	-709	-206	-822	0	-3,915	-1,029
Sewer Sales	11,103	11,148	10,291	11,922	13,313	13,364	13,250	12,771	12,378	14,245	10,619	10,792	148,674	35,656
Total Water & Sewer Sales	31,040	31,573	31,091	36,974	37,606	37,644	41,005	39,683	35,079	44,191	31,983	26,146	431,563	102,320
Water Sales - Gallons														
Government	1,124,520	1,473,790	1,188,240	1,360,480	1,739,350	1,655,110	1,870,270	1,496,260	1,763,830	2,093,490	1,303,180	1,307,760	18,010,240	4,704,430
Commercial	1,028,560	1,275,610	969,055	1,558,890	1,548,440	1,652,090	2,032,980	1,844,190	1,648,210	1,660,118	1,353,550	1,223,590	18,033,605	4,237,258
Residential	3,315,674	2,830,819	3,716,880	3,950,419	2,979,876	3,176,732	3,130,328	3,844,835	3,334,374	4,712,842	3,214,520	2,228,980	40,240,893	10,156,342
Water Delivery & Bunkering	39,000	138,000	267,000	0	45,300	26,000	28,000	11,000	6,000	1,000	0	0	615,386	1,000
Total	5,507,754	5,718,219	6,141,175	6,869,789	6,312,966	6,509,932	7,061,578	7,196,285	6,752,414	8,467,450	5,871,250	4,760,330	76,900,124	19,099,030

Financial Table 5 Key Performance Indicators – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY2016	FY2017 YTD
1a. Non Revenue Power	18.9%	16.3%	17.9%	16.1%	18.2%	18.6%	17.6%	17.1%	17.1%	16.7%	17.4%	17.7%	17.48%	17.26%
Total Power Generated - kWh	1,149,837	1,131,783	1,285,499	1,256,621	1,318,947	1,290,700	1,311,689	1,344,374	1,290,136	1,338,296	1,311,328	1,352,920	14,959,680	4,002,544
Total Power Billed - kWh	932,622	947,506	1,055,761	1,054,216	1,078,450	1,051,270	1,080,655	1,114,172	1,069,874	1,115,218	1,082,955	1,113,528	12,344,324	3,311,700
Generation Loss (assumed 6%) - kWh	68,990	67,907	77,130	75,397	79,137	77,442	78,701	80,662	77,408	80,298	78,680	81,175	897,581	240,153
Distribution Loss Estimate - kWh	119,478	88,076	120,470	95,592	128,387	129,720	119,540	115,931	110,601	109,323	116,910	124,394	1,343,784	350,627
Commercial Loss (assumed 2.5%) - kWh	28,746	28,295	32,137	31,416	32,974	32,268	32,792	33,609	32,253	33,457	33,783	33,823	373,992	100,064
Street Light Usage	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	2,063	24,750	24,750
Total Loss - kWh	217,215	184,277	229,738	202,405	240,497	239,430	231,034	230,202	220,262	223,078	228,373	239,392	2,615,356	690,844
Distribution loss %	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	8.6%	8.6%	8.2%	8.9%	9.2%	9.0%	8.8%
1b. Non Revenue Water	73.2%	70.3%	68.4%	61.7%	68.1%	63.0%	65.6%	63.7%	65.2%	56.1%	66.9%	74.8%	66.9%	91.1%
Water Produced (million gallons)	20.6	19.3	19.4	18.0	19.8	17.6	20.5	19.8	19.4	19.3	17.7	18.9	232.6	215
Water Billed (million gallons)	5.51	5.72	6.14	6.87	6.31	6.51	7.06	7.20	6.75	8.47	5.87	4.76	76.9	19
2. Current ratio	1.10	1.27	1.42	1.50	1.86	1.62	2.24	1.99	1.47	1.68	1.51	1.49	2.37	0.70
3. ROA (excludes other operating income/grant support)	-0.019%	0.012%	-0.023%	-0.022%	-0.025%	0.002%	0.052%	0.003%	-0.036%	-0.014%	0.011%	-0.047%	-0.011	-0.008
4. Operating ratio	0.90	0.86	0.91	0.91	0.92	0.88	0.84	0.89	0.74	0.81	0.79	0.87	0.875	0.824

Power Table 1 Power Operation Indicators – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	2016	YTD 2017
Generation Statistics														
Diesel Generation - kWh	1,123,850	1,101,070	1,247,490	1,222,520	1,286,650	1,261,770	1,284,990	1,314,860	1,262,410	1,311,890	1,279,810	1,323,200	14,603,440	3,914,900
Peak Generation - kW	2,180	2,170	2,407	2,334	2,320	2,505	2,450	2,481	2,560	2,550	2,607	2,802	2,550	7,959
Fuel Consumption - Gallons	78,908	77,460	86,920	85,744	92,892	92,635	93,319	89,499	86,029	88,269	87,429	88,440	1,030,630	264,138
Average Fuel Price (\$/Gallon)	2.65	2.70	2.33	2.47	2.55	2.70	2.81	2.74	2.70	2.72	2.83	2.84	32.34	8.39
Load Factor (%)	67%	66%	67%	68%	72%	65%	68%	68%	64%	66%	64%	61%	63%	99%
Capacity Factor (%)	39%	39%	43%	42%	41%	45%	44%	44%	46%	46%	47%	50%	46%	142%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	200%	300%	100%	600%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	120%	115%	100%	120%	334%
Solar PV Generation - kWh														
Solar PV Generation - kWh	25,987	30,713	38,009	34,101	32,297	28,930	26,699	29,514	27,726	26,406	31,518	29,720	356,240	87,644
Solar Generation %	2.3%	2.7%	3.0%	2.7%	2.4%	2.2%	2.0%	2.2%	2.1%	2.0%	2.4%	2.2%	2.4%	2.2%
Peak PV Generation - kW	189	224	277	249	235	211	195	215	202	193	230	217	241	230
Avoided Fuel - Gallons	1,825	2,161	2,648	2,392	2,332	2,124	1,939	2,009	1,889	1,777	2,153	1,986	25,134	5,916
Avoided Cost of Fuel - US\$	4,835	5,834	6,171	5,908	5,946	5,735	5,448	5,504	5,101	4,833	6,093	5,641	67,317	16,567
Tons of CO2 avoided	18.4	21.8	26.7	24.2	23.6	21.5	19.6	20.3	19.1	17.9	21.7	20.1	253.9	59.8
Labour Productivity (kWh/Emp/d)														
Labour Productivity (kWh/Emp/d)	1,133	1,110	1,258	1,232	1,297	1,272	1,295	1,325	1,273	1,322	1,333	1,334	1,501	1,330
SFOC (kWh/gal)														
SFOC (kWh/gal)	14.24	14.21	14.35	14.26	13.85	13.62	13.77	14.69	14.67	14.86	14.64	14.96	14.17	14.82
Unit 1 (Jan 2012)	14.95	14.90	14.72	14.55	14.55	14.39	14.33	14.66	14.66	14.91	14.56	14.96	14.65	14.81
Unit 2 (Jan 2012)	14.48	14.74	14.46	14.09	0.00	0.00	14.62	14.75	14.74	14.88	14.83	15.00	14.57	14.91
Unit 3 (Ex CAT 2)	12.50	-	13.14	13.64	12.97	12.86	13.07	0.00	1.00	0.00	0.00	0.00	12.91	0.00
Unit 4 (Jul 13 - Singapore)	13.15	12.63	13.57	13.66	13.28	13.02	13.07	14.40	13.82	13.02	12.82	13.75	13.13	13.20
SLOC (kWh/gal)														
SLOC (kWh/gal)	73.2	117.2	69.4	89.3	94.99	90.12	56.21	155.34	97.28	4603.12	4490.56	6964.21	1,054	5,353
Unit 1 (Jan 2012)	3,282.6	3,927.2	2,337.0	4,625.4	4,607.4	4,506.2	1,177.5	6,890.9	6,557.1	3,449.1	6,522.3	6,932.9	4,034	5,088
Unit 2 (Jan 2012)	2,967.3	2,652.2	2,035.3	2,891.1	0.0	0.0	2,763.3	6,516.3	3,179.3	6,680.3	3,303.7	6,802.9	2,911	5,023
Unit 3 (Ex CAT 2)	0.0	0.0	0.0	0.0	14,076.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,049	0
Unit 4 (Jul 13 - Singapore)	3,288.9	-	2,765.2	1,548.4	2,636.1	3,393.2	3,279.2	0.0	0.0	0.0	0.0	0.0	3,075	0
Forced Outage Factor (%)														
Forced Outage Factor (%)	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.40%	0.06%
Planned Outage Factor (%)														
Planned Outage Factor (%)	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.79%	0.00%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	22.9%	22.8%	25.3%	24.6%	24.4%	26.4%	25.8%	26.1%	26.9%	26.8%	27.4%	29.5%	26.8%	27.4%
Distribution Losses (%)	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	8.6%	8.6%	8.2%	8.9%	9.2%	9.0%	13.1%
SAIDI (hours/consumer)	1.24	0.50	0.10	0.00	0.27	1.05	0.06	0.13	0.05	0.21	0.12	0.02	6.35	0.35
SAIFI	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.01
Average Cost (\$/kWh)	0.18	0.18	0.16	0.17	0.18	0.19	0.20	0.18	0.18	0.18	0.19	0.19	0.19	0.18

Power Table 2 Power Generation Statistics – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY 2016	FY 2017 YTD
Generation - Engine Output (kWh)														
Unit 1 (Jan 2012)	410,320	420,210	467,400	622,120	645,040	590,310	111,860	654,640	622,920	655,330	619,620	658,630	5,859,830	1,933,580
Unit 2 (Jan 2012)	400,580	411,090	514,930	440,900	0	0	525,020	619,050	604,060	634,630	627,700	646,280	4,760,990	1,908,610
Unit 3 (Ex CAT 2)	500	0	2,470	12,400	140,760	26,750	25,060	0	0	0	0	0	215,150	0
Unit 4 (Jul 13 - Singapore)	312,450	269,770	262,690	147,100	500,850	644,710	623,050	41,170	35,430	21,930	32,490	18,290	3,767,470	72,710
Diesel Generation Total (kWh)	1,123,850	1,101,070	1,247,490	1,222,520	1,286,650	1,261,770	1,284,990	1,314,860	1,262,410	1,311,890	1,279,810	1,323,200	14,603,440	3,914,900
Airport Solar Panel	7,723	8,145	9,316	8,112	6,995	6,110	5,231	5,072	6,211	5,911	6,098	7,980	88,302	19,989
High School Solar Grid Connect	18,264	22,568	28,693	25,989	25,302	22,820	21,468	24,442	21,515	20,495	25,420	21,740	267,938	67,655
Solar PV Generation Total (kWh)	25,987	30,713	38,009	34,101	32,297	28,930	26,699	29,514	27,726	26,406	31,518	29,720	356,240	87,644
Total Generation (kWh)	1,149,837	1,131,783	1,285,499	1,256,621	1,318,947	1,290,700	1,311,689	1,344,374	1,290,136	1,338,296	1,311,328	1,352,920	14,959,680	4,002,544
Maximum Demand (kW)	2,180	2,170	2,407	2,334	2,320	2,505	2,450	2,481	2,560	2,550	2,607	2,802	2,550	2,607
Engine Rating kW (at 0.8 PF)														
Unit 1 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	3,900	3,900
Unit 2 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	3,900	3,900
Unit 3 (Ex CAT 2)	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	3,600	3,600
Unit 4 (Jul 13 - Singapore)	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	4,800	4,800
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station Services (kWh)	2,838	3,453	3,314	3,327	3,119	3,162	3,398	2,749	3,327	2,891	3,040	3,629	9,560	9,560
Running Hours														
Unit 1 (Jan 2012)	486	496	551	717	739	717	140	736	707	736	702	736	6,769	2,174
Unit 2 (Jan 2012)	489	492	611	550	0	0	674	711	699	726	708	734	5,684	2,168
Unit 3 (Ex CAT 2)	1	0	6	20	199	39	38	0	0	0	1	0	314	1
Unit 4 (Jul 13 - Singapore)	242	215	249	153	550	688	653	36	35	26	33	18	3,509	77
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,218	1,203	1,417	1,439	1,488	1,444	1,505	1,483	1,441	1,488	1,444	1,488	16,275	4,420

Power Table 3 Fuel & Lube Oil Statistics – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov	Dec	FY 2016	FY 2017 VTD
Fuel Consumption (Gallons)														
Unit 1 (Jan 2012)	27,441	28,210	31,751	42,769	44,339	41,031	7,804	44,661	42,498	43,948	42,569	44,030	400,120	130,547
Unit 2 (Jan 2012)	27,661	27,889	35,619	31,293	0	0	35,916	41,979	40,968	42,637	42,326	43,080	326,830	128,042
Unit 3 (Ex CAT 2)	40	0	188	909	10,853	2,080	1,918	0	0	0	0	0	16,668	0
Unit 4 (Jul 13 - Present)	23,765	21,361	19,362	10,772	37,700	49,524	47,681	2,859	2,563	1,684	2,534	1,330	287,012	5,548
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Consumption (Gals)	78,908	77,460	86,920	85,744	92,892	92,635	93,319	89,499	86,029	88,269	87,429	88,440	###	264,138
Average Fuel Price (\$/Gallon)	2.65	2.70	2.33	2.47	2.55	2.70	2.81	2.74	2.70	2.72	2.83	2.84	2.69	2.80
Lube Oil Consumption (Gallons)														
Unit 1 (Jan 2012)	30	12	10	40	45	36	0	0	0	0	0	0	218	0
Unit 2 (Jan 2012)	40	60	63	58	0	0	0	0	0	0	0	0	401	0
Unit 3 (Ex CAT 2)	0	0	0	0	10	0	0	0	0	0	0	0	10	0
Unit 4 (Jul 13 - Present)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	70	72	73	97	55	36	0	0	0	0	0	0	628	0
Oil Change Log (75 Gal/Change)														
Unit 1 (Jan 2012)	95	95	190	95	95	95	95	95	95	190	95	95	1,235	380
Unit 2 (Jan 2012)	95	95	190	95	0	0	190	95	190	95	190	95	1,235	380
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	0	0	0	0	0	95	0
Unit 4 (Jul 13 - Present)	95	0	95	95	190	190	190	0	0	0	0	0	1,225	0
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Change Volume (Gals)	285	190	475	285	285	285	475	190	285	285	285	190	3,790	760

Power Table 4 Power Distribution Statistics – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY 2016	FY 2017 YTD
Number of Outages (Frequency)														
Forced - Generation	3	2	3	0	1	3	0	0	1	2	1	0	21	3
Planned - Generation	1	0	0	0	0	0	0	0	0	0	0	0	2	0
Total Number of Outages (Gen)	4	2	3	0	1	3	0	0	1	2	1	0	23	3
Forced - Distribution	19	13	23	0	5	21	7	3	5	9	6	1	135	16
Feeder 1	4	2	4	0	1	3	0	0	1	2	1	0	23	3
Feeder 2	3	2	4	0	1	4	1	0	1	4	1	1	24	6
Feeder 3	4	2	5	0	1	3	3	1	1	1	1	0	28	2
Feeder 4	3	5	4	0	1	5	1	1	1	1	2	0	31	3
Feeder 5	5	2	6	0	1	6	2	1	1	1	1	0		
Planned - Distribution	5	4	0	0	5	0	0	1	0	1	0	0	33	1
Feeder 1	1	0	0	0	1	0	0	0	0	1	0	0	5	1
Feeder 2	1	3	0	0	1	0	0	0	0	0	0	0	12	0
Feeder 3	1	0	0	0	1	0	0	0	0	0	0	0	3	0
Feeder 4	1	1	0	0	1	0	0	1	0	0	0	0	8	0
Feeder 5	1	0	0	0	1	0	0	0	0	0	0	0	5	0
Total Number of Outages (Dist)	24	17	23	0	10	21	7	4	5	10	6	1	168	17

Power Table 5 Power Outage Statistics – January to December 2016

	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	FY 2016	FY 2017 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.5	0.3	0.3	0.0	0.1	0.4	0.0	0.0	0.4	1.2	0.2	0.0	2.9	1.4
Planned - Generation	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0
Total Duration Gen Outage (Hrs)	3.0	0.3	0.3	0.0	0.1	0.4	0.0	0.0	0.4	1.2	0.2	0.0	8.6	1.4
Forced - Distribution	12.5	3.5	2.8	0.0	0.7	21.0	1.6	0.6	1.2	4.4	3.4	0.4	50.2	8.2
Feeder 1	2.5	0.3	0.4	0.0	0.0	3.0	0.0	0.0	0.3	0.3	0.2	0.0	7.7	0.5
Feeder 2	2.5	0.3	0.4	0.0	0.0	4.0	0.4	0.0	0.4	3.4	0.2	0.4	8.7	4.0
Feeder 3	2.5	0.2	0.6	0.0	0.0	3.0	0.5	0.2	0.3	0.2	0.2	0.0	8.1	0.4
Feeder 4	2.5	2.5	0.8	0.0	0.6	5.0	0.3	0.2	0.1	0.3	2.6	0.0	15.1	2.9
Feeder 5	2.5	0.2	0.6	0.0	0.0	6.0	0.5	0.2	0.3	0.2	0.2	0.0	10.6	0.4
Planned - Distribution	21.2	10.0	0.0	0.0	6.7	7.5	0.0	3.0	0.0	1.2	0.0	0.0	122.6	1.2
Feeder 1	2.3	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	1.2	0.0	0.0	15.1	1.2
Feeder 2	0.8	7.5	0.0	0.0	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	0.0
Feeder 3	0.6	0.0	0.0	0.0	1.3	0.4	0.0	3.0	0.0	0.0	0.0	0.0	11.5	0.0
Feeder 4	0.6	2.5	0.0	0.0	1.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	20.8	0.0
Feeder 5	16.9	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	32.7	0.0
Total Duration Dist Outage (Hrs)	46.2	17.0	5.6	0.0	8.1	49.5	3.2	4.1	2.5	10.0	6.8	0.8	172.8	9.4

Water Table 1 Water Production & Sales Data Statistics January to December 2016

COMPANY WIDE DATA	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Water Production (Gallons)												
WTP Production	0	0	458,800	795,000	1,248,300	865,000	1,200,900	1,200,900	1,380,700	1,101,100	928,200	324,700
Pink Apartment Volume start of Month										444,600	364,800	695,400
Pink Apartment Volume end of Month										364,800	695,400	792,300
Pink Apartment Vol in to Supply/(Storage)									-69,800	79,800	-330,600	-96,900
Well Production (into supply)	19,293,792	18,243,591	18,974,336	17,164,066	18,524,248	16,718,126	19,300,026	19,300,026	18,115,509	18,103,900	17,131,857	18,680,100
Volume into network	19,293,792	18,243,591	19,433,136	17,959,066	19,772,548	17,583,126	20,500,926	19,808,826	19,426,409	19,284,800	17,729,457	18,907,900
Water Volume Billed (Gallons)												
Commercial	1,028,560	1,275,610	969,055	1,558,890	1,548,440	1,652,090	2,032,980	1,844,190	1,648,210	1,660,118	1,115,330	802,850
Government (excludes hospital)	495,720	856,790	746,340	750,280	1,077,050	872,510	1,088,270	374,960	484,630	612,390	582,240	429,420
Government Hospital	628,800	617,000	441,900	610,200	662,300	782,600	782,000	1,121,300	1,279,200	1,481,100	892,900	977,300
Residential	3,315,674	2,826,759	3,707,730	3,950,419	2,979,876	3,176,732	3,130,328	3,844,835	3,334,374	4,712,842	3,280,680	2,550,560
Water Delivery and Bunkering	39,000	138,000	267,000	0	45,300	26,000	28,000	0	6,000	1,000	0	0
Water Adjustment												
Total	5,507,754	5,714,159	6,132,025	6,869,789	6,312,966	6,509,932	7,061,578	7,185,285	6,752,414	8,467,450	5,871,150	4,760,130
NRW												
Volume	13,786,038	12,529,432	13,301,111	11,089,277	13,459,582	11,073,194	13,439,348	12,623,541	12,673,995	10,817,350	11,858,307	14,147,770
	71.5%	68.7%	68.4%	61.7%	68.1%	63.0%	65.6%	63.7%	65.2%	56.1%	66.9%	74.8%
Invoiced Water Value (USD)												
Water Delivery and Bunkering	\$2,430	\$7,350	\$15,175	\$0	\$2,265	\$1,450	\$1,886		\$300.00	\$50.00	\$0.00	\$0.00
Commercial	\$5,051	\$6,153	\$4,582	\$7,525	\$7,484	\$8,035	\$9,917	\$8,987	\$7,994	\$8,092	\$6,549	\$5,490
Government (includes hospital)	\$5,509	\$7,214	\$5,778	\$6,648	\$8,567	\$8,111	\$9,239	\$7,340	\$8,667	\$10,309	\$6,373	\$6,378
Residential	\$9,770	\$8,241	\$10,533	\$11,040	\$8,269	\$8,858	\$8,615	\$10,687	\$9,164	\$13,251	\$8,684	\$5,807
	\$20,330	\$21,608	\$20,893	\$25,213	\$24,320	\$25,004	\$27,770	\$27,014	\$25,826	\$31,653	\$21,605	\$17,675
Sewer Charges (USD)												
Commercial	\$2,170	\$2,387	\$1,840	\$3,014	\$3,433	\$3,697	\$3,367	\$3,327	\$2,869	\$2,966	\$2,309	\$2,126
Commercial - w/o water	\$3,355	\$3,355	\$3,394	\$3,394	\$3,345	\$3,345	\$3,345	\$3,279	\$3,626	\$3,640	\$3,640	\$3,640
Government	\$2,731	\$3,574	\$2,762	\$3,240	\$4,174	\$3,949	\$4,504	\$3,586	\$4,223	\$5,018	\$3,053	\$3,023
Residential	\$931	\$609	\$794	\$1,019	\$672	\$749	\$683	\$970	\$720	\$1,175	\$882	\$446
Residential w/o water	\$1,950	\$1,900	\$1,820	\$1,740	\$1,690	\$1,720	\$1,680	\$1,670	\$1,650	\$1,660	\$1,643	\$1,660
	\$11,137	\$11,825	\$10,610	\$12,408	\$13,313	\$13,460	\$13,579	\$12,832	\$13,087	\$14,459	\$11,527	\$10,895

Water Table 2 Water/Sewer Connection Data – January to December 2016

COMPANY WIDE DATA	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Water Connection Data (No. of Connections)												
Commercial - Billed	66	69	70	66	66	68	67	68	65	71	66	67
Commercial - Disconnected	3	2	3	4	4	5	6	6	9	7	9	9
Commercial - Meter Pulled	3	3	2	2	2	2	2	2	-	2	-	-
Commercial Avge Consumption - Gall/conn/	15,584	18,487	13,844	23,620	23,461	24,295	30,343	27,120	25,357	23,382	16,899	11,983
Government - Billed	13	19	19	17	15	19	14	13	15	15	17	18
Government - Disconnected	1	2	2	2	2	2	5	3	2	3	4	5
Government - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-
Government Avge Consumption - Gall/conn	38,132	45,094	39,281	44,134	71,803	45,922	77,734	28,843	32,309	40,826	34,249	23,857
Hospital - Billed	1	1	1	1	1	1	1	1	1	1	1	1
Hospital - Disconnected	-	-	-	-	-	-	-	-	-	-	-	-
Hospital - Meter Pulled	-	-	-	-	-	-	-	-	-	-	-	-
Hospital Avge Consumption - Gall/conn/mth	628800	617000	441900	610200	662300	782600	782000	1121300	1279200	1481100	892900	977300
Residential - Billed	337	348	357	353	348	351	331	334	324	362	324	305
Residential - Disconnected	118	118	113	120	118	122	143	137	139	106	142	161
Residential - Meter Pulled	65	62	59	60	65	70	73	76	1	84	84	84
Residential Avge Consumption - Gall/conn/m	9,839	8,123	10,386	11,191	8,563	9,051	9,457	11,511	10,291	13,019	10,126	8,362
Sewer Connection Data (No. of Connections)												
Commercial Billed	25	35	39	37	38	38	37	33	35	36	35	34
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	13	18	18	16	14	18	13	12	14	14	16	15
Residential Billed	139	140	158	169	160	160	146	154	148	163	163	152
Residential Billed w/o water	195	190	183	173	169	172	168	167	167	166	163	166
STP Inflow (MG/month)								16.5	11.3	14.5	17.7	21.7
SEWER OVERFLOWS												
North Zone	0	0	0	0	0	4	0	2	0	1	0	1
South Zone	1	0	0	0	0	1	4	1	1	4	0	2

Water Table 3 Zonal Water Use Statistics – FY2017

ZONAL NRW - DECEMBER 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	14,370	14,370	0	0%	1	1,027,470	99,270	928,200	90%
2	14,096,346	3,061,600	11,034,746	78%	2	41,144,546	11,913,040	29,231,506	71%
3	1,165,536	63,600	1,101,936	95%	3	3,643,171	165,450	3,477,721	95%
4	1,546,100	66,140	1,479,960	96%	4	3,752,800	439,190	3,313,610	88%
5	0	4,600	-4,600	-	5	0	43,050	-43,050	-
6	1,490,400	1,395,980	94,420	6%	6	4,906,900	5,722,170	-815,270	-17%
7	12,648	16,010	-3,362	-	7	50,412	203,860	-153,448	-
8	582,500	137,830	444,670	76%	8	1,173,057	512,700	660,357	56%
Total	18,907,900	4,760,130	14,147,770	75%	Total	55,698,356	19,098,730	36,599,626	66%
ZONAL WATER CONSUMPTION - NOVEMBER 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	AWge Use -Gallons/ConnecUion				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	0	0	-	1,796	1	0	0	-	3,177
2	13,190	25,266	-	8,086	2	18,033	36,147	-	9,607
3	0	0	-	21,200	3	0	0	-	11,917
4	0	0	-	7,349	4	0	0	-	13,260
5	0	0	-	1,150	5	0	0	-	2,511
6	1,738	0	977,300	0	6	14,053	0	1,117,100	21,945
7	0	0	-	4,003	7	0	0	-	10,289
8	7	18,923	-	6,789	8	2	24,702	-	6,396
Total	23,382	40,826	1,481,100	13,019	Total	17,802	30,075	1,117,100	11,524

Administration Table 1 H&S Statistics – December 2016 & FY 2017



HEALTH & SAFETY REPORT: FY2017 - December 2016

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	December 2016						YEAR TO DATE - FY2017					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,793	0	0	0	0	0	4,928	0	0	0	0	0
Maintenance	6	963	0	0	0	0	0	3,280	0	0	0	0	0
Power Distribution - Line	20	3,907	0	0	0	0	0	11,086	0	0	0	0	0
Power Distribution - Contractors	13	2,278	0	0	0	0	0	6,396	0	0	0	0	0
Water & Sewer	11	1,981	0	0	0	0	0	5,555	0	0	0	0	0
Water & Sewer Contractors	13	2,392	0	0	0	0	0	8,072	0	0	0	0	0
Fin, Admin, Cust Care	18	2,573	0	0	0	0	0	8,447	0	0	0	0	0
TOTAL	90	15,888	0	0	0	0	0	47,764	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident- Whole Company

364,514

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	December 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	59	0	59
Maintenance	6	6	0	6
Power Distribution - Line	20	286	0	286
Power Distribution - Customer	13	0	0	0
WSS_Treatment/Prod	11	141	0	141
WSS Networks	13	0	0	0
Finance, Admin Cust Coord	18	149	0	149
TOTAL	90	640	0	640

Year To Date FY2017				
Total Hours Sick	Accident Related		Poor Health	
413	0	0	413	0
61	0	0	61	0
771	0	0	771	0
0	0	0	0	0
359	0	0	359	0
0	0	0	0	0
570	0	0	570	0
2175	0	0	2175	0

Sick Hours as Percentage of Total Hours Worked	4.0%	0.0%	4.0%
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4.6%	0.0%	4.6%
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DEPARTMENT	Number of Staff	December 2016		
		Sick Hours as Percentage of Total Hours Worked	Accident Related	Poor Health
Power Generation	9	3.3%	0.0%	3.3%
Maintenance	6	0.6%	0.0%	0.6%
Power Distribution - Line	20	7.3%	0.0%	7.3%
Power Distribution - Customer	13	0.0%	0.0%	0.0%
WSS_Treatment/Prod	11	0.0%	0.0%	0.0%
WSS Networks	13	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	18	5.8%	0.0%	5.8%
TOTAL	90	4.0%	0.0%	4.0%

Administration Table 2 Attendance Summary – November 2016 & FY 2017

DEPARTMENT	December 2016								YEAR TO DATE - FY2017							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claim
		Regular	Overtime						Regular	Overtime						
Power Generation	9	1,514	280	0	59	86	1,938	6	4,101	827	0	413	246	5,587	14	7.4%
Maintenance	6	839	124	0	6	25	994	0	2,852	428	0	61	101	3,441	0	1.8%
Power Distribution - Line	20	3,455	452	0	286	205	4,399	0	9,641	1,446	0	771	451	12,309	20	6.3%
Power Distribution - Contractors	13	2,185	93	0	0	0	2,278	0	6,303	93	0	0	0	6,396	0	0.0%
Water & Sewer	11	1,733	248	0	141	137	2,259	0	4,764	791	0	359	367	6,281	4	5.7%
Water & Sewer Contractors	13	2,392	0	0	0	0	2,392	0	8,072	0	0	0	0	8,072	0	0.0%
Fin, Admin, Cust Care	18	2,237	336	0	149	287	3,009	2	7,656	791	0	570	594	9,612	33	5.9%
TOTAL EMPLOYEES	90	14,356	1,532	0	640	741	17,269	8	43,389	4,375	0	2,175	1,759	51,698	72	4.2%
REGULAR STAFF	64	9,779	1,439	0	640	741	12,599	8	29,015	4,282	0	2,175	1,759	37,230	72	
Hours as % of Total Hours Claimed		77.6%	11.4%	0.0%	5.1%	5.9%		0.1%	77.9%	11.5%	0.0%	5.8%	4.7%		0.2%	
CONTRACT STAFF	26	4,577	93	0	0	0	4,670	0	14,375	93	0	0	0	14,468	0	
Hours as % of Total Hours Claimed		98.0%	2.0%	0.0%	0.0%	0.0%		0.0%	99.4%	0.6%	0.0%	0.0%	0.0%		0.0%	

CAPEX Table 1 Major Capex Project Summary – October 2016

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					
Import 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				
PART 2					
	Original Budget	Revised Budget - Jan 17	Variance on Original Budget	Spend to End Dec 16	Spend To Completion
Power Plant Project - RJE	6,237,928	6,237,928	0	5,999,118	238,810
Agreed Variations					
AV1. Radiator coating upgrade		6,400	-6,400	6,400	0
AV2. Civil Preparation works		7,235	-7,235	0	7,235
AV3. Electratherm - Waste Heat To Energy Eng Study		11,000	-11,000	0	11,000
AV4. Fuel Storage Option		176,076	-176,076	52,823	123,253
Potential Variations					
PV 1. Teleporter		35,000	-35,000	0	35,000
PV2. Drainage Extension		25,000	-25,000	0	25,000
Power Plant Engineering - McMahon	196,500	225,000	-28,500	189,313	35,687
Agreed Variations					
Amendment #1 - Tonoas Design		34,100	-34,100	27,400	6,700
Power Plant Office - CPUC (includes Retaining wall)	216,000	135,000	81,000	91,975	43,025
Agreed Variations					
V1 - CPUC Security Gates		25,595	-25,595	13,559	12,036
V2 - Fuel Storage Civils		19,882	-19,882	0	19,882
V3 - Vehicle Workshop and Hoist		22,544	-22,544	0	22,544
V4 - Site finishing (landscape; ditching etc.)		15,000	-15,000	0	15,000
Import Duties - CPUC	160,000	196,040	-36,040	11,757	184,283
Miscellaneous Support	0	115,000	-115,000	64,100	50,900
Expenditure	6,810,428	7,286,800	-476,372	6,456,445	830,355
	Original			Drawn	Balance
Drawdown From Compact Grant	6,498,892	6,498,892		6,498,892	0
Power Plant Supplemental Grant	875,553	875,553		240,000	635,553
Total Funds Available	7,374,445	7,374,445		6,738,892	635,553

CAPEX Table 2 Capex Summary Sheet – End December 2016

Capex Summary Sheet as of December 31, 2016								
	A	B	C	D (B-C)	E (A-B)	F	(A+A1-F)	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted	Cash Drawdown	OIA Balance	Cash Balance
OIDPMatchPower Plant GR970170	7,690,000	7,690,000	7,665,725	24,275	0	7,690,000	0	24,275
Power Plant Supplement D17AF00016	875,553	742,120	0	742,120	133,433	240,000	635,553	240,000
FY 2016 Professional - D16AF00023-00020	525,800	525,800	399,841	125,959	0	453,450	72,350	53,609
FY 2017 Professional - D17AF00011-00020	274,800	274,800	65,605	209,195	0	0	274,800	-65,605
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	0	0	0	750,000	0	750,000	0
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000	181,310	161,415	19,895	168,690	153,440	196,560	-7,975
Total	10,466,153	9,414,030	8,292,587	1,121,443	1,052,123	8,536,890	1,929,263	244,303