

# CHUUK PUBLIC UTILITY CORPORATION

## Monthly Operations Report

September 2016



**Issued:**

15 October 2016

# Table of Contents

EXECUTIVE SUMMARY ..... 3

1 FINANCIAL PERFORMANCE GRAPHS..... 5

2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS ..... 7

3 WATER PERFORMANCE GRAPHS..... 9

Financial Table 1 P & L Statement – October 2015 to September 2016.....10

Financial Table 2 Cash Flow and A/R Report – October 2015 to September 2016 ..... 11

Financial Table 3 Power Sales Report – October 2015 to September 2016 ..... 12

Financial Table 4 Water Sales Report – October 2015 to September 2016 ..... 13

Financial Table 5 Key Performance Indicators – October 2015 to September 2016.....14

Power Table 1 Power Operation Indicators – October 2015 to September 2016 ..... 15

Power Table 2 Power Generation Statistics – October 2015 to September 2016 .....16

Power Table 3 Fuel & Lube Oil Statistics – October 2015 to September 2016..... 17

Power Table 4 Power Distribution Statistics – October 2015 to September 2016 ..... 17

Power Table 5 Power Outage Statistics – October 2015 to September 2016.....18

Water Table 1 Water Production & Sales Data Statistics October 2015 to September 2016 .....19

Water Table 2 Water/Sewer Connection Data – October 2015 to September 2016 ..... 20

Water Table 3 Zonal Water Use Statistics – FY2016..... 21

Administration Table 1 H&S Statistics – September 2016 & FY 2016 .....22

Administration Table 2 Attendance Summary – September 2016 & FY 2016 ..... 23

CAPEX Table 1 Major Capex Project Summary – End September 2016 ..... 24

CAPEX Table 2 Capex Summary Sheet – End September 2016 ..... 25

**EXECUTIVE SUMMARY**

**SUMMARY OF KEY STATISTICS**

	Sep-16	YTD 2016	US\$/kWh Sold		US\$/kWh generated	
			Sep-16	YTD 2016	Sep-16	2016 YTD
Revenue	539,377	6,096,822	0.504	0.494	0.418	0.408
Variable Costs	257,813	3,010,729	0.241	0.244	0.200	0.201
Fixed Costs	141,099	2,325,208	0.132	0.188	0.109	0.155
Total Expenses	398,912	5,335,937	0.373	0.432	0.309	0.357
Operating result	140,466	760,884	0.131	0.062	0.109	0.051
	<b>kWh</b>	<b>kWh</b>				
Power generation	1,290,136	14,959,680				
<i>Diesel</i>	1,262,410	14,603,440				
<i>Solar</i>	27,726	356,240				
Solar PV as % of Total Generation	2.1%	2.4%				
<i>Avoided Cost of Fuel - US\$</i>	5,101	67,317				
<i>Tons of CO2 Avoided</i>	19.1	253.9				
					<b>Sales</b>	
Government Sales	216,037	2,374,122	<b>Feeder</b>	<b>Conn's</b>	<b>Sep-16</b>	<b>2016 YTD</b>
Commercial Sales	555,472	6,641,152	F1	263	260,651	2,405,189
Residential Sales	238,821	2,709,149	F2	88	51,375	302,698
Intercompany Sales	55,391	628,224	F3	454	337,172	3,774,811
Sales Accrual	4,153	-8,322	F4	749	360,833	4,210,748
<b>Total Sales</b>	<b>1,069,874</b>	<b>12,344,324</b>	F5	361	59,013	594,305
Power Loss	17.1%	17.5%	<b>Total</b>	<b>1,915</b>	<b>1,069,044</b>	<b>11,287,752</b>
Operating ratio	0.74	0.88	NB - Error on Total and Feeder sales YTD is <0.1%; within limits;			
Water Produced - Gallons	18,804,109	230,972,279				
Water Sold - Gallons	6,752,414	76,900,124				
Non Revenue Water	64.1%	66.7%				

Daily generated output in September was 43,005 kWh/day; 0.8% lower than August . Average daily sales were 35,662kWh/day; 0.8% lower than August. Total power loss remained at 17.1%. FY2016 loss 17.5% - higher than the target of 17%.

Average fuel efficiency in September remained as August at 14.7 kWh/gallon – and for the full year was 14.2 kWh/gallon (2.3% below the annual target of 14.5 kWh/gall)

The split of power users for total sales in FY2016 was as follows:

Government – 19.3%; Commercial – 54.0%; Residential –21.7%; Intercompany 5.1%; Accrual -0.1%;

Solar PV generation in September was 27,726 kWh down by 8.0% on August total generation for FY2016 was 356,240kWh or 2.4% of total generation. The avoided cost of fuel for FY2016 was US\$67,317 and the amount of Carbon Dioxide avoided in FY2016 was 253.9 tons.

From a commercial perspective a total operating result of US\$760,884 was achieved inFY2016 considerably higher than the forecast for the year.

Non-revenue water was higher than forecast for the year at 66.7% (target of 60%); the water and revenue departments have agreed and commenced a NRW reduction strategy – this is expected to bear fruit in FY21 and will be detailed in the CPUC Business Plan.

Work on the power plant project is on schedule. RJE staff arrived on site in September to undertake site civil works in readiness for the power plant. The refurbishment of the office is progressing well by local contractor with completion by mid-November.

Bids for materials for CPUC Warehouse project were received in September and an award approved. Materials for the building will be shipped from Australia along with the new power plant equipment in December 2016 for arrival in January 2017.

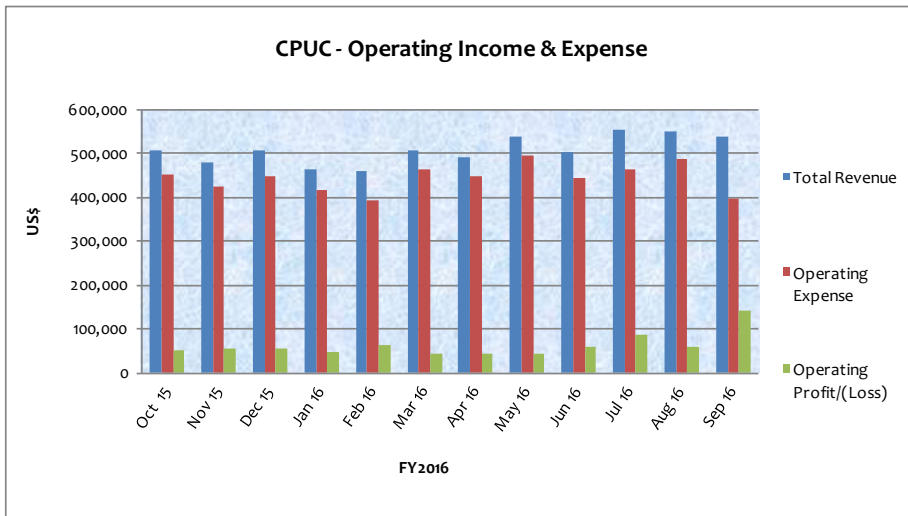
Rebuilding of the power distribution line from Sapuk Junction to Tunnuk is ongoing – this is approximately 50% complete and on schedule for completion by the end of December 2016.

A site visit to Tonoas was carried out in early September to confirm preferred locations for power generation in Tonoas.

CPUC Business plan for the period 2017-2021 was presented to the Board. The Board asked the CEO to consider tariff increase options to ensure full cost recovery for water and sewer by the end of the business plan period – currently CPUC power operations subsidises water and sewer operations by just under US\$0.05/kWh. The BP will be finalized in October for approval by the Board in early November.

Overall CPUC performance in FY2016 has been good and generally in line with the forecast at the start of the year.

# 1 FINANCIAL PERFORMANCE GRAPHS



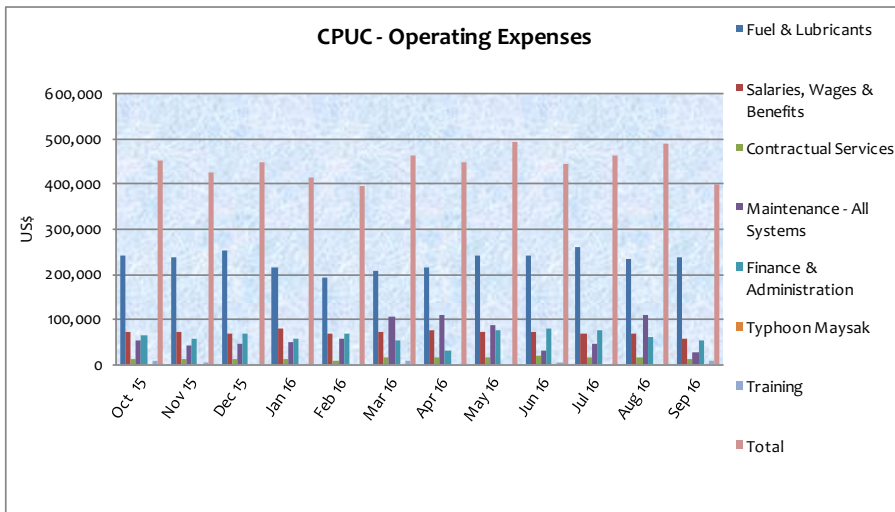
### 1.1 Key Points:

FY2016 Operating income before Depreciation & Interest :

September 2016 US\$140,466;

FY2016 US\$760,844

Operating ratio: September 0.74: FY2016 - 0.86



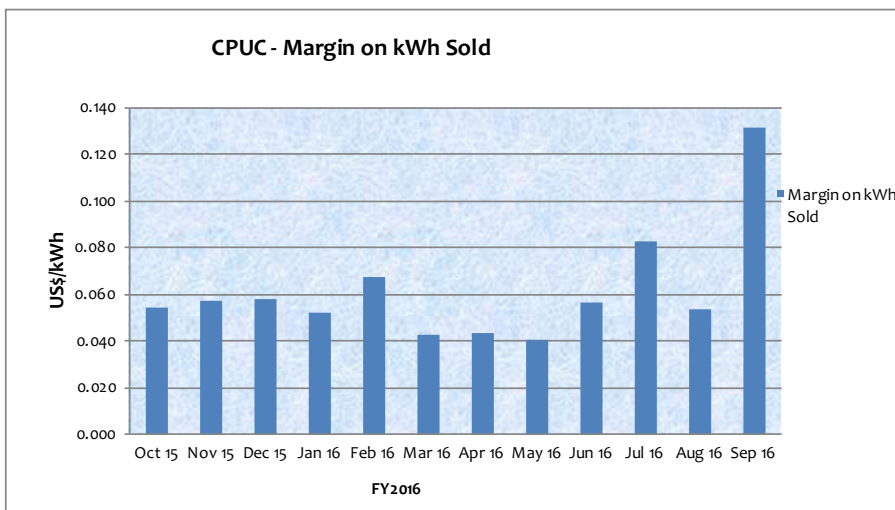
### 1.2 Key Points:

Price of Fuel in September:

US\$2.70/gallon;

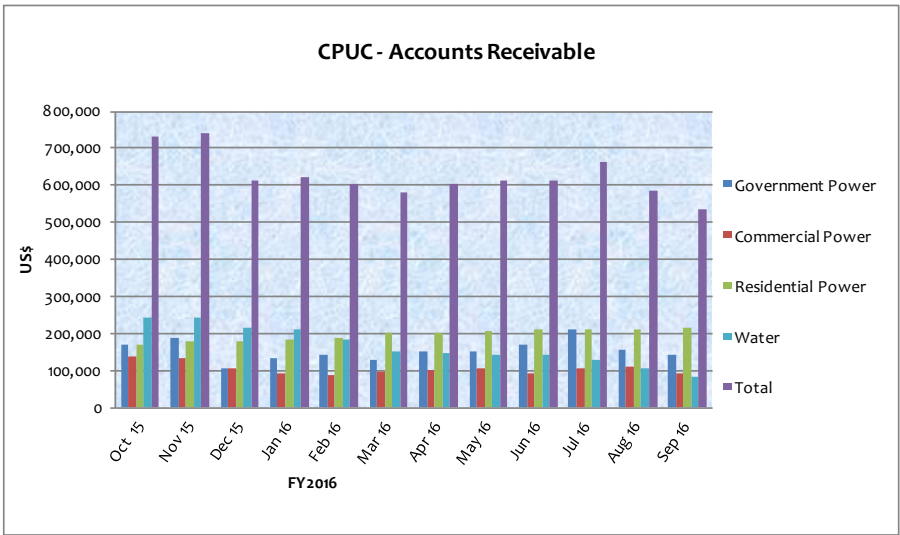
Avg Price FY2016

US\$2.70/gallon



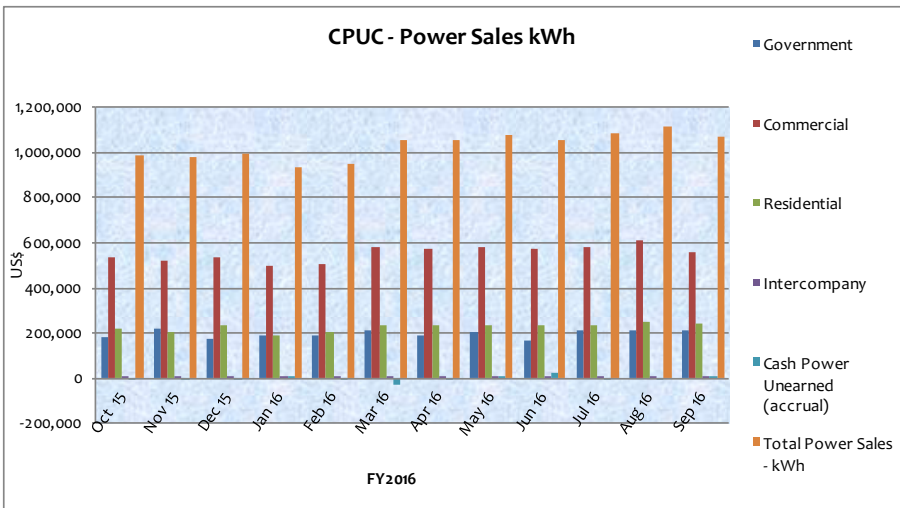
### 1.3 Key Points:

Avg for FY2016 US\$ 0.62/kWh sold

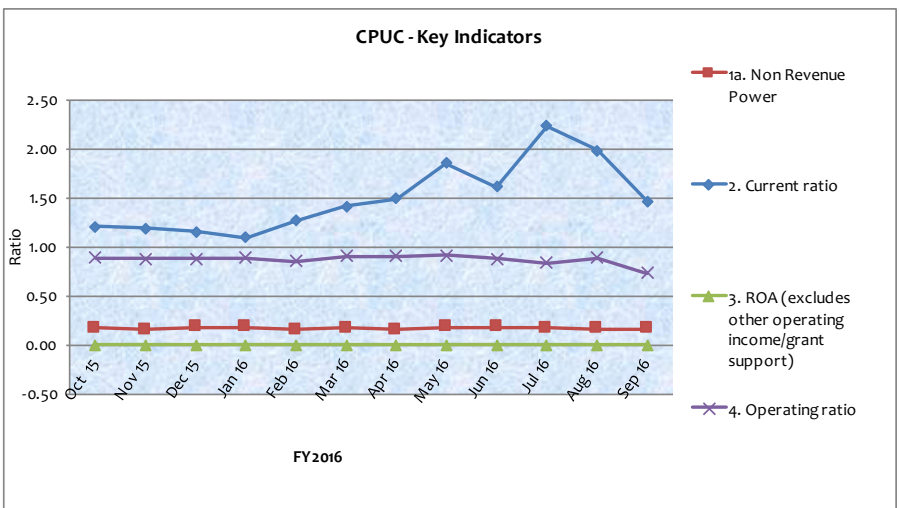


**1.4 Key Points:**

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;

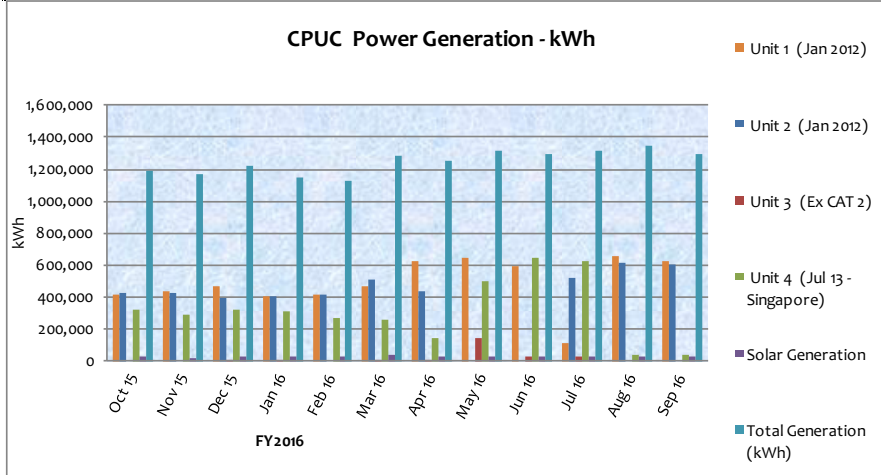


**1.5 Key Points:**

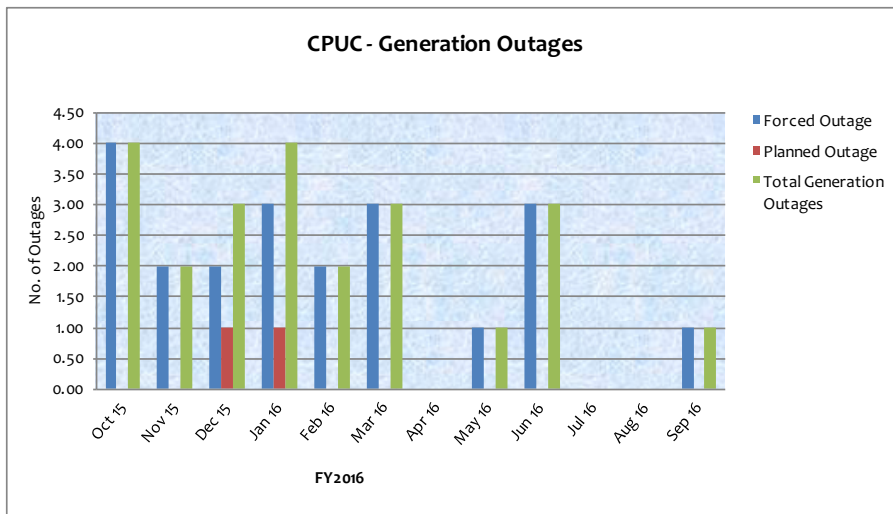


**1.6 Key Points:**

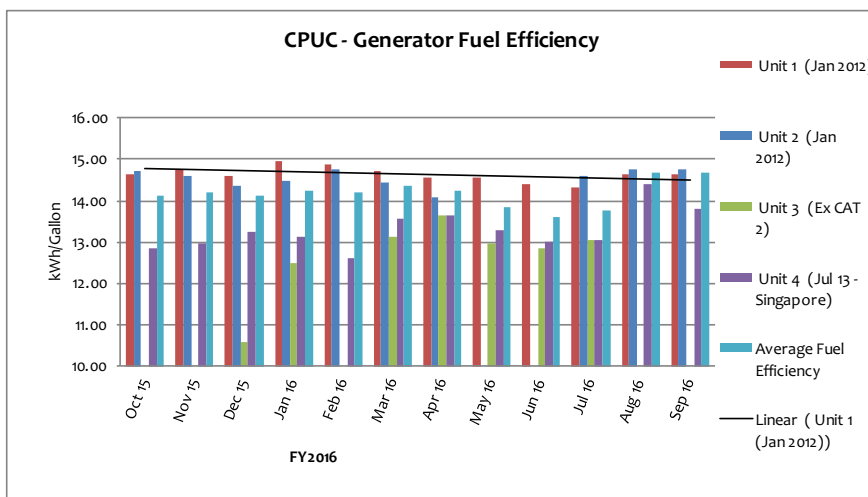
## 2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



### 2.1 Key Points:



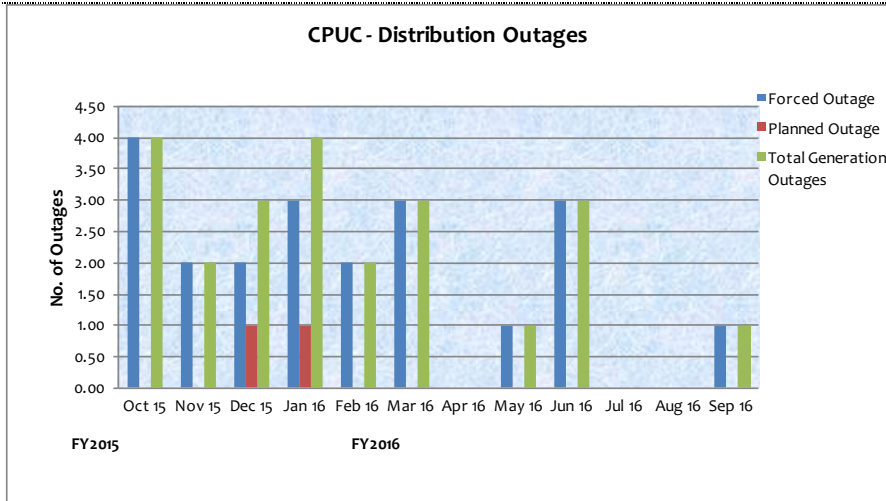
### 2.2 Key Points:



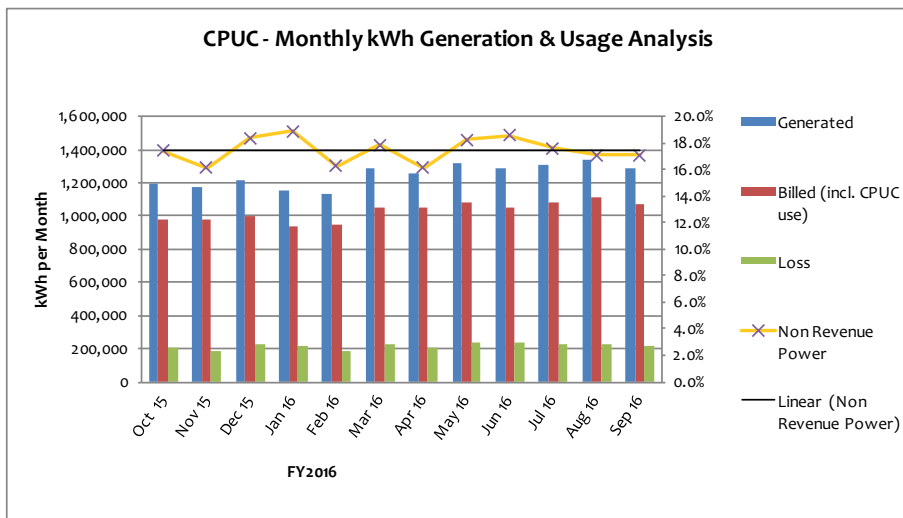
### 2.3 Key Points:

Avg fuel efficiency  
FY2016 = 14.17  
kWh/gallon.

This is 2.3 lower  
than forecast

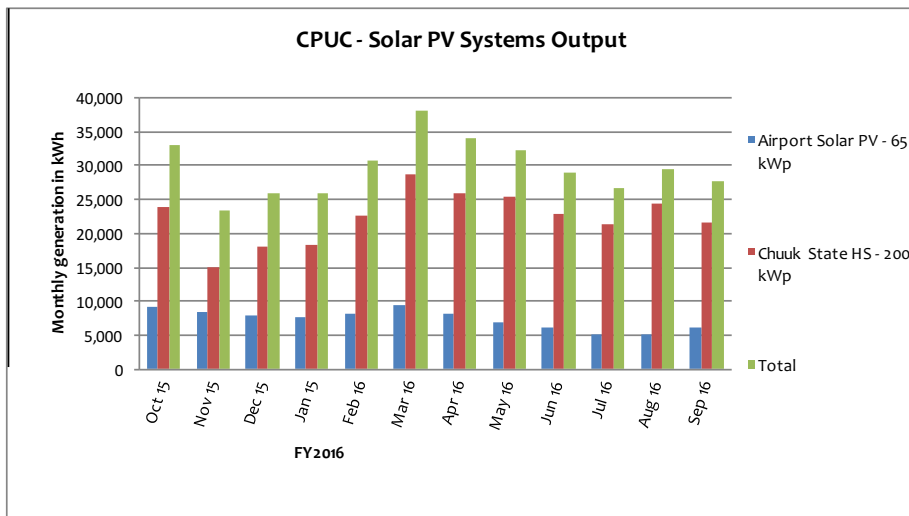


#### 2.4 Key Points



#### 2.5 Key Points:

Power loss ave. for FY2016 – 17.5%



#### 2.6 Key Points:

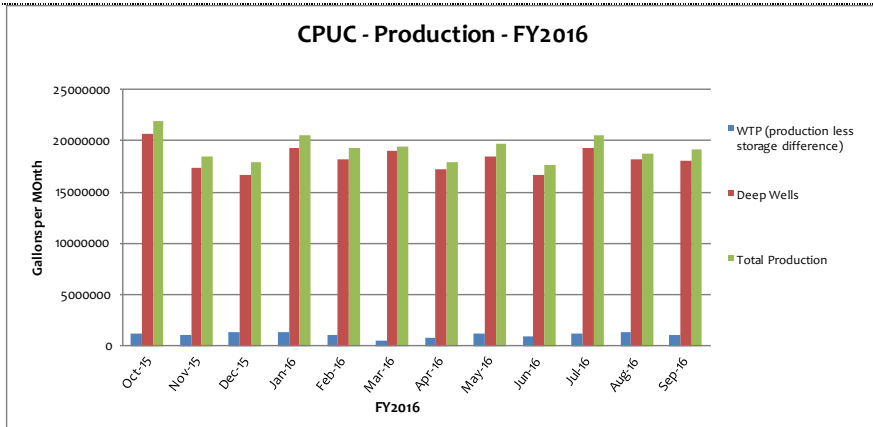
Solar PV accounted for 2.4% of CPUC generation in FY2016;

Avoided cost of fuel was: US\$67,317;

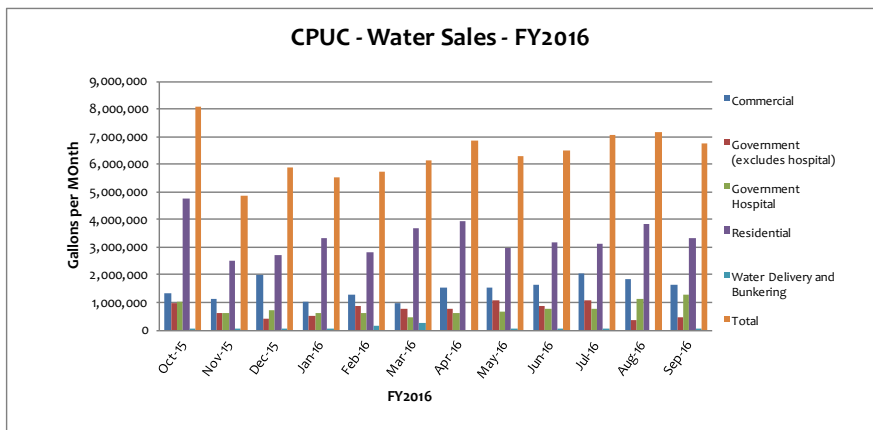
Avoided Tons of CO2 was 253.9 Tons.



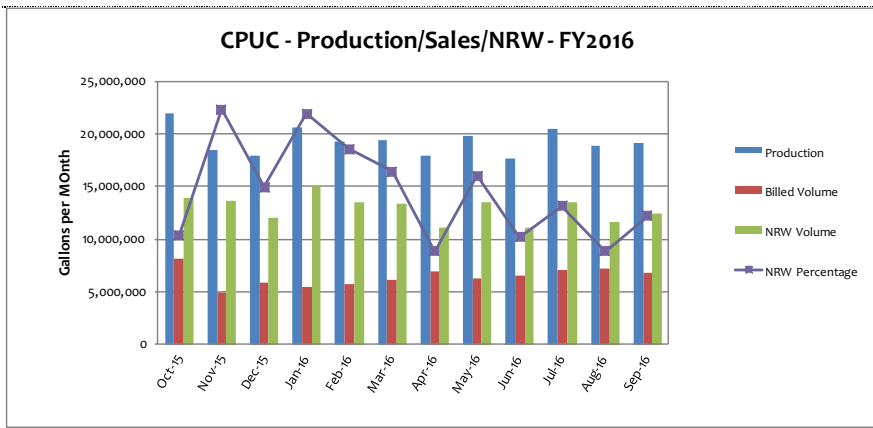
### 3 WATER PERFORMANCE GRAPHS



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



**Key Points:**



**Key Points:**  
The majority of the volume loss is in Zone 2. This area will be made the focus of NRW reduction activity for the remainder of the FY2015.

## Financial Table1 P & L Statement – October 2015 to September 2016

Revenue - US\$	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY 2016
<b>Operating revenue:</b>														
a. Power Sales	443,615	442,147	459,407	416,777	405,883	438,722	446,808	465,188	458,828	488,710	497,252	486,652	5,082,085	5,449,988
b. Water Sales	29,345	18,319	23,069	19,937	20,426	20,800	25,052	24,293	24,280	27,755	26,912	22,701	366,510	282,889
c. Sewer Sales	15,129	10,929	13,076	11,103	11,148	10,291	11,922	13,313	13,364	13,250	12,771	12,378	325,632	148,674
d. I/company Power Sales (in Power Sales from Oct 15)	-	-	-	-	-	-	-	-	-	-	-	-	325,632	0
d.Other operating revenue	18,388	8,747	10,308	16,437	20,671	38,634	8,154	34,902	6,812	23,000	11,570	17,646	270,931	215,270
<b>Revenue - Total</b>	<b>506,477</b>	<b>480,143</b>	<b>505,860</b>	<b>464,254</b>	<b>458,127</b>	<b>508,447</b>	<b>491,935</b>	<b>537,697</b>	<b>503,285</b>	<b>552,715</b>	<b>548,506</b>	<b>539,377</b>	<b>6,045,158</b>	<b>6,096,822</b>
<b>Expenses - US\$</b>														
Fuel & Lubricants	241,803	236,880	252,887	213,491	192,177	206,275	213,943	242,003	242,754	258,693	235,811	236,408	3,044,499	2,773,125
Salaries, Wages & Benefits	74,375	73,686	67,242	81,706	69,513	74,336	75,794	72,072	72,323	68,383	67,328	58,225	694,839	854,982
Contractual Services	12,562	11,908	13,824	13,830	9,533	14,633	17,578	15,500	19,807	15,602	14,367	12,891	234,696	172,034
Typhoon Maysak Expenses	0	0	0	0	0	0	0	0	0	0	0	0	254,036	0
O&M - Power Generation	20,217	20,814	6,688	7,737	31,693	43,656	71,121	62,028	8,180	14,495	70,700	7,373	247,449	364,702
O&M - Power Distribution	6,016	6,646	16,453	18,917	8,431	17,486	14,144	2,585	6,687	11,544	9,002	14,605	36,504	132,516
O&M - Water	2,776	2,860	2,177	3,160	6,171	27,360	10,666	10,153	1,336	5,980	9,462	-15,188	33,129	66,913
O&M - Sewer	2,776	0	0	1,630	229	3,596	0	338	928	743	873	649	0	11,760
Finance & Administration Overheads	44,579	43,045	48,065	39,127	49,753	33,698	7,945	53,901	58,610	54,129	41,962	33,325	523,013	508,139
Vehicle & Eq. Fuel	21,851	12,845	21,066	19,087	9,368	15,650	13,733	11,975	13,349	12,242	18,836	20,787	102,954	190,788
CPUC Power Usage (incl. in O&M from Oct 15)	19,268	15,602	19,792	17,285	17,305	19,697	21,656	23,394	19,713	21,858	20,631	21,405	325,632	237,605
Donation to Charity - Typhoon Maysak	0	0	0	0	0	0	0	0	0	0	0	0	3,891	0
Support to Energy Office	0	0	0	0	0	0	0	0	0	0	0	0	3,631	0
Training	7,102	141	0	0	0	7,232	0	0	465	0	0	8,433	0	23,373
<b>Expense - Total</b>	<b>453,324</b>	<b>424,427</b>	<b>448,193</b>	<b>415,970</b>	<b>394,172</b>	<b>463,619</b>	<b>446,578</b>	<b>493,951</b>	<b>444,153</b>	<b>463,668</b>	<b>488,971</b>	<b>398,912</b>	<b>5,504,274</b>	<b>5,335,937</b>
<b>Operating Income/(Loss)</b>	<b>53,153</b>	<b>55,716</b>	<b>57,667</b>	<b>48,284</b>	<b>63,954</b>	<b>44,828</b>	<b>45,357</b>	<b>43,746</b>	<b>59,132</b>	<b>89,047</b>	<b>59,535</b>	<b>140,466</b>	<b>540,884</b>	<b>760,884</b>
<b>Non-Cash Expenses - US\$</b>														
Depreciation	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	47,495	151,246	280,034	673,686
Interest Expense	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	10,381	12,133	61,598	126,319
<b>Non-Cash Expense - Total - US\$</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>57,875</b>	<b>163,378</b>	<b>341,632</b>	<b>800,005</b>
<b>Net Income/(Loss) - excluding grant support - US\$</b>	<b>-4,722</b>	<b>-2,159</b>	<b>-208</b>	<b>-9,591</b>	<b>6,079</b>	<b>-13,047</b>	<b>-12,519</b>	<b>-14,129</b>	<b>1,257</b>	<b>31,171</b>	<b>1,659</b>	<b>-22,913</b>	<b>-110,529</b>	<b>-39,121</b>
<b>Non-operating Income (Grant Support) - US\$</b>	<b>5</b>	<b>10</b>	<b>9</b>	<b>2</b>	<b>42,615</b>	<b>36</b>	<b>157</b>	<b>5</b>	<b>-3</b>	<b>13</b>	<b>2</b>	<b>306</b>	<b>3,631,519</b>	<b>43,156</b>
<b>Net Income/(Loss) - including grant support - US\$</b>	<b>-4,717</b>	<b>-2,150</b>	<b>-200</b>	<b>-9,589</b>	<b>48,694</b>	<b>-13,011</b>	<b>-12,362</b>	<b>-14,124</b>	<b>1,254</b>	<b>31,184</b>	<b>1,662</b>	<b>-22,606</b>	<b>3,520,991</b>	<b>4,035</b>

## Financial Table 2 Cash Flow and A/R Report – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY2016
<b>Cash Flow Report - US\$</b>														
Receipts	352,943	617,326	474,404	334,408	1,677,955	3,538,426	744,022	456,758	1,533,453	2,623,428	510,111	480,794	9,617,051	13,344,029
Disbursements	552,819	672,487	553,723	453,811	1,026,891	846,444	561,788	2,703,561	2,014,576	1,216,222	1,311,543	1,004,365	9,111,033	12,918,230
Net receipts/Disbursements	-199,876	-55,161	-79,319	-119,403	651,064	2,691,982	182,234	-2,246,803	-481,123	1,407,206	-801,432	-523,571	506,018	425,799
Cash balance (beginning)	1,019,751	819,875	764,714	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	513,733	1,969,120
Cash balance (end)	819,875	764,714	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	1,764,166	1,445,550
<b>Other Financial Data - US\$</b>														
Cash in Hand	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,694	1,394	1,394	1,394	1,394
Cash in Banks (Bank Overdraft)	818,482	763,320	684,000	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	1,018,357	1,444,156
Stocks	1,198,547	2,102,746	2,086,581	2,062,995	1,233,096	1,242,951	1,370,376	1,369,145	1,413,151	1,262,914	1,398,125	1,202,928	1,180,345	1,202,928
Trade Receivable	497,847	515,527	394,707	423,790	412,339	402,274	438,968	458,402	473,195	604,139	472,006	432,192	423,882	432,192
Other Accounts Receivable (Due From)	1,904,624	1,021,502	1,019,925	1,034,558	1,037,199	1,030,719	1,024,240	1,034,026	1,123,706	1,133,795	1,125,760	1,134,799	1,891,427	1,134,799
Loans Payable	4,678,738	4,678,738	4,678,738	4,705,182	4,912,182	4,836,701	4,832,209	4,827,920	4,710,555	4,706,144	4,702,046	4,817,912	4,678,738	4,817,912
Payables to Suppliers & creditors	2,805,456	2,839,917	2,736,577	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	2,645,331	2,101,725
<b>Total Accounts Receivable (to date) - US\$</b>														
Government Power	172,357	186,584	108,529	134,897	142,271	128,921	150,509	151,591	169,124	212,279	155,594	143,797	151,180	143,797
Commercial Power	140,179	131,933	106,292	95,297	86,720	98,324	101,591	106,705	93,703	107,626	111,225	93,596	88,073	93,596
Residential Power	171,536	178,582	180,865	184,460	187,587	201,722	204,364	208,539	209,443	210,534	211,923	214,622	184,404	214,622
Water	245,746	243,101	215,951	209,690	185,167	152,422	149,696	145,446	141,440	130,913	107,757	82,136	332,698	82,136
Sewer	95,271	100,972	106,769	115,942	127,090	137,381	144,508	157,821	171,186	254,487	197,207	209,741		209,741
Allowance for Doubtful	-327,241	-325,645	-323,698	-316,495	-316,495	-316,495	-311,700	-311,700	-311,700	-311,700	-311,700	-311,700	-327,630	-311,700
<b>Total</b>	<b>497,847</b>	<b>515,527</b>	<b>394,707</b>	<b>423,790</b>	<b>412,339</b>	<b>402,274</b>	<b>438,968</b>	<b>458,402</b>	<b>473,195</b>	<b>604,139</b>	<b>472,006</b>	<b>432,192</b>	<b>428,724</b>	<b>432,192</b>

### Financial Table 3 Power Sales Report – October 2015 to September 2016

Power Sales Report	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY2016
<b>Power Sales US\$</b>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	58,819	59,435	58,401	56,990	52,208	54,406	54,139	54,197	57,194	59,896	60,659	61,608	850,363	687,955
Government - Pre Paid (Cash Power)	27,398	37,837	24,745	29,746	31,550	35,951	29,019	35,491	17,714	36,814	34,759	39,862	383,753	380,886
Government Streetlights	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	31,152	31,152
Solar	2,661	2,661	2,661	2,855	2,855	2,855	3,750	3,750	3,750	3,836	3,836	3,836	34,515	39,303
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	19	28		46
<b>Government Total</b>	<b>91,474</b>	<b>102,529</b>	<b>88,403</b>	<b>92,187</b>	<b>89,209</b>	<b>95,808</b>	<b>89,504</b>	<b>96,034</b>	<b>81,254</b>	<b>103,142</b>	<b>101,849</b>	<b>107,902</b>	<b>1,299,784</b>	<b>1,139,296</b>
Commercial - Post Paid	182,069	175,780	182,152	165,977	157,130	179,614	182,275	187,413	188,850	200,224	203,442	189,140	2,055,368	2,194,067
Commercial - Pre Paid (Cashpower)	64,632	58,778	66,141	53,762	57,023	61,326	59,985	60,522	61,869	61,710	66,060	62,720	697,472	734,527
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	232	644		876
<b>Commercial Total</b>	<b>246,701</b>	<b>234,558</b>	<b>248,293</b>	<b>219,739</b>	<b>214,153</b>	<b>240,941</b>	<b>242,260</b>	<b>247,935</b>	<b>250,718</b>	<b>261,934</b>	<b>269,503</b>	<b>251,860</b>	<b>2,752,841</b>	<b>2,928,594</b>
Residential - Post Paid	5,947	5,152	5,484	4,827	5,607	4,486	4,725	6,483	3,249	3,518	3,721	4,046	53,049	57,246
Residential - Pre Paid (Cashpower)	86,978	80,669	95,131	73,192	75,512	84,283	88,158	87,855	92,204	91,805	95,859	89,851	986,009	1,041,498
Residential Scratch Card Sales	0	0	0	0	0	0	0	0	0	4,836	5,279	5,267		15,382
<b>Residential Total</b>	<b>92,925</b>	<b>85,822</b>	<b>100,615</b>	<b>78,019</b>	<b>81,120</b>	<b>88,769</b>	<b>92,883</b>	<b>94,338</b>	<b>95,452</b>	<b>100,160</b>	<b>104,860</b>	<b>99,165</b>	<b>1,039,057</b>	<b>1,114,126</b>
<b>Trade Power Sales Total</b>	<b>431,101</b>	<b>422,908</b>	<b>437,311</b>	<b>389,945</b>	<b>384,481</b>	<b>425,518</b>	<b>424,647</b>	<b>438,308</b>	<b>427,425</b>	<b>465,235</b>	<b>476,212</b>	<b>458,926</b>	<b>5,091,681</b>	<b>5,182,016</b>
Intercompany - CPUC Office	1,566	1,608	1,566	1,264	1,462	1,374	1,428	1,348	1,534	1,533	1,237	1,481	325,632	17,401
Intercompany - CPUC Water Operation	2,255	2,462	2,365	2,060	1,725	1,544	1,852	1,559	1,374	2,052	1,558	1,768	-	22,573
Intercompany - CPUC Water Operations	11,061	9,479	12,219	11,648	11,035	11,953	12,830	11,227	9,768	10,823	10,556	11,788	-	134,388
Intercompany - CPUC Sewer Operations	8,206	6,123	7,573	5,637	6,270	7,744	8,825	12,167	9,944	11,035	10,075	9,618	-	103,217
Cash Power Unearned	-10,575	-433	-1,628	6,224	-910	-9,410	-2,775	579	8,783	-1,968	-2,618	2,400	-9,596	-12,332
<b>Total Power Sales - US\$</b>	<b>443,615</b>	<b>442,147</b>	<b>459,407</b>	<b>416,777</b>	<b>404,062</b>	<b>438,722</b>	<b>446,808</b>	<b>465,188</b>	<b>458,828</b>	<b>488,710</b>	<b>497,020</b>	<b>485,980</b>	<b>5,407,717</b>	<b>5,447,263</b>
<b>Power Sales kWh</b>	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh		kWh	kWh
Government - Post Paid	122,558	134,591	121,595	122,835	117,113	125,273	121,938	119,622	123,826	126,964	128,975	125,572	1,648,805	1,490,862
Government - Pre Paid (Cash Power)	57,092	78,991	51,887	63,900	71,170	82,743	65,477	78,468	38,357	78,128	74,863	85,707	737,415	826,784
Government - Street Lights	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	4,698	56,376	56,376
Solar	0	0	0	0	0	0	0	0	0	0	0	0		0
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	40	60		100
<b>Government Total</b>	<b>184,347</b>	<b>218,280</b>	<b>178,180</b>	<b>191,433</b>	<b>192,981</b>	<b>212,714</b>	<b>192,113</b>	<b>202,789</b>	<b>166,881</b>	<b>209,790</b>	<b>208,576</b>	<b>216,037</b>	<b>2,442,596</b>	<b>2,374,122</b>
Commercial - Post Paid	396,695	391,336	390,672	375,069	368,695	434,428	429,926	438,350	436,251	442,069	457,726	413,114	4,146,250	4,974,330
Commercial - Pre Paid (Cashpower)	140,535	128,056	144,761	120,677	134,710	147,953	141,740	140,000	140,038	136,768	148,684	140,912	1,398,702	1,664,835
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	541	1,446		
<b>Commercial Total</b>	<b>537,230</b>	<b>519,392</b>	<b>535,433</b>	<b>495,746</b>	<b>503,405</b>	<b>582,381</b>	<b>571,666</b>	<b>578,350</b>	<b>576,289</b>	<b>578,837</b>	<b>606,952</b>	<b>555,472</b>	<b>5,544,952</b>	<b>6,641,152</b>
Residential - Post Paid	13,837	14,048	10,833	11,822	13,855	12,015	12,001	13,839	10,019	8,315	8,857	9,633	114,588	139,074
Residential - Pre Paid (Cashpower)	202,369	188,084	222,894	176,196	192,045	219,258	224,264	218,436	223,958	218,013	231,433	216,509	2,100,803	2,533,459
Residential Scratch Card Sales	0	0	0	0	0	0	0	0	0	11,485	12,451	12,680		36,616
<b>Residential Total</b>	<b>216,206</b>	<b>202,132</b>	<b>233,727</b>	<b>188,019</b>	<b>205,901</b>	<b>231,273</b>	<b>236,265</b>	<b>232,275</b>	<b>233,977</b>	<b>237,812</b>	<b>252,741</b>	<b>238,821</b>	<b>2,215,391</b>	<b>2,709,149</b>
<b>Trade Power Sales Total</b>	<b>937,783</b>	<b>939,804</b>	<b>947,340</b>	<b>875,198</b>	<b>902,287</b>	<b>1,026,367</b>	<b>1,000,044</b>	<b>1,013,414</b>	<b>977,147</b>	<b>1,026,439</b>	<b>1,068,269</b>	<b>1,010,330</b>	<b>10,202,938</b>	<b>11,724,422</b>
Intercompany - CPUC Office	3,405	3,503	3,428	2,838	3,453	3,314	3,327	3,119	3,162	3,398	2,749	3,327	651,629	39,023
Intercompany - CPUC Power Operation	4,903	5,363	5,177	4,623	4,075	3,725	4,313	3,607	3,133	4,547	3,463	3,973		50,902
Intercompany - CPUC Water Operations	24,051	20,652	26,744	26,145	26,069	28,837	29,887	25,971	22,277	23,987	23,457	26,483		304,560
Intercompany - CPUC Sewer Operations	17,844	13,339	16,575	12,653	14,812	18,682	20,557	28,145	22,678	24,457	22,389	21,608		233,739
Cash Power Unearned (accrual)	-4,855	-1,163	-4,095	11,165	-3,190	-25,164	-3,912	4,194	22,873	-2,173	-6,155	4,153	-9,717	-8,322
<b>Total Power Sales - kWh</b>	<b>983,131</b>	<b>981,498</b>	<b>995,169</b>	<b>932,622</b>	<b>947,506</b>	<b>1,055,761</b>	<b>1,054,216</b>	<b>1,078,450</b>	<b>1,051,270</b>	<b>1,080,655</b>	<b>1,114,172</b>	<b>1,069,874</b>	<b>10,844,850</b>	<b>12,344,324</b>

### Financial Table 4 Water Sales Report – October 2015 to September 2016

Water/Sewer Sales Report	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY2016
<b>Water Sales US\$</b>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	9,688	5,867	5,759	5,509	7,214	5,778	6,648	8,567	8,111	9,239	7,340	8,667	72,366	88,389
Commercial	6,456	5,364	9,624	4,882	5,956	4,489	7,524	7,458	8,031	9,901	8,978	7,993	52,489	86,657
Residential	14,120	7,484	7,847	9,770	8,242	10,533	11,039	8,269	8,858	8,615	10,725	9,165	115,704	114,666
Provision for Billing Errors	-919	-396	-162	-223	-986	0	-160	0	-721	0	-132	-3,124	-14,583	-6,823
<b>Total</b>	<b>29,345</b>	<b>18,319</b>	<b>23,069</b>	<b>19,937</b>	<b>20,426</b>	<b>20,800</b>	<b>25,052</b>	<b>24,293</b>	<b>24,280</b>	<b>27,755</b>	<b>26,912</b>	<b>22,701</b>	<b>225,977</b>	<b>282,889</b>
<b>Sewer Sales - US\$</b>														
Government	4,800	2,909	2,857	2,731	3,574	2,762	3,240	4,174	3,949	4,504	3,557	4,223	-	43,281
Commercial	2,871	2,221	4,360	2,170	2,387	1,840	3,014	3,433	3,697	3,301	3,261	2,869	-	35,423
Commercial with No Water	4,048	3,819	3,254	3,355	3,355	3,394	3,394	3,345	3,345	3,345	3,345	3,626	-	41,624
Residential	1,456	639	641	1,638	392	794	1,019	672	749	683	970	720	-	10,373
Residential with No Water	2,060	2,000	2,010	1,950	1,900	1,820	1,740	1,690	1,720	1,680	1,670	1,650	-	21,890
Provision for Billing Errors	-106	-659	-46	-741	-460	-319	-486	0	-96	-263	-31	-709	-	-3,915
<b>Sewer Sales</b>	<b>15,129</b>	<b>10,929</b>	<b>13,076</b>	<b>11,103</b>	<b>11,148</b>	<b>10,291</b>	<b>11,922</b>	<b>13,313</b>	<b>13,364</b>	<b>13,250</b>	<b>12,771</b>	<b>12,378</b>	<b>140,533</b>	<b>148,674</b>
<b>Total Water &amp; Sewer Sales</b>	<b>44,474</b>	<b>29,248</b>	<b>36,144</b>	<b>31,040</b>	<b>31,573</b>	<b>31,091</b>	<b>36,974</b>	<b>37,606</b>	<b>37,644</b>	<b>41,005</b>	<b>39,683</b>	<b>35,079</b>	<b>366,510</b>	<b>431,563</b>
<b>Water Sales - Gallons</b>														
Government	1,960,850	1,202,440	1,175,100	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	14,741,265	18,010,240
Commercial	1,353,064	1,127,860	1,994,655	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	11,251,173	18,033,605
Residential	4,737,307	2,520,050	2,703,599	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	39,880,995	40,240,893
Water Delivery & Bunkering	38,000	15,086	2,000	39,000	138,000	267,000	0	45,300	26,000	28,000	11,000	6,000	0	615,386
<b>Total</b>	<b>8,089,221</b>	<b>4,865,436</b>	<b>5,875,354</b>	<b>5,507,754</b>	<b>5,718,219</b>	<b>6,141,175</b>	<b>6,869,789</b>	<b>6,312,966</b>	<b>6,509,932</b>	<b>7,061,578</b>	<b>7,196,285</b>	<b>6,752,414</b>	<b>65,873,433</b>	<b>76,900,124</b>

## Financial Table 5 Key Performance Indicators – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY2015	FY2016
<b>1a. Non Revenue Power</b>	<b>17.4%</b>	<b>16.1%</b>	<b>18.4%</b>	<b>18.9%</b>	<b>16.3%</b>	<b>17.9%</b>	<b>16.1%</b>	<b>18.2%</b>	<b>18.6%</b>	<b>17.6%</b>	<b>17.1%</b>	<b>17.1%</b>	<b>18.9%</b>	<b>17.5%</b>
Total Power Generated - kWh	1,190,660	1,170,401	1,219,033	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	13,380,232	14,959,680
Total Power Billed - kWh	983,131	981,498	995,169	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	10,844,850	12,344,324
Generation Loss (assumed 6%) - kWh	71,440	70,224	73,142	68,990	67,907	77,130	75,397	79,137	77,442	78,701	80,662	77,408	802,814	897,581
Distribution Loss Estimate - kWh	106,323	89,419	120,246	119,478	88,076	120,470	95,592	128,387	129,720	119,540	115,931	110,601	1,398,062	1,343,784
Commercial Loss (assumed 2.5%) - kWh	29,767	29,260	30,476	28,746	28,295	32,137	31,416	32,974	32,268	32,792	33,609	32,253	334,506	373,992
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	207,529	188,903	223,864	217,215	184,277	229,738	202,405	240,497	239,430	231,034	230,202	220,262	2,535,382	2,615,356
Distribution loss %	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	8.6%	8.6%	10.4%	9.0%
<b>1b. Non Revenue Water</b>	<b>63.1%</b>	<b>73.6%</b>	<b>67.2%</b>	<b>73.2%</b>	<b>70.3%</b>	<b>68.4%</b>	<b>61.7%</b>	<b>68.1%</b>	<b>63.0%</b>	<b>65.6%</b>	<b>61.7%</b>	<b>64.1%</b>	<b>75.3%</b>	<b>66.7%</b>
Water Produced (million gallons)	21.9	18.4	17.9	20.6	19.3	19.4	18.0	19.8	17.6	20.5	18.8	18.8	266.2	231.0
Water Billed (million gallons)	8.09	4.87	5.88	5.51	5.72	6.14	6.87	6.31	6.51	7.06	7.20	6.75	65.9	76.9
<b>2. Current ratio</b>	<b>1.21</b>	<b>1.19</b>	<b>1.16</b>	<b>1.10</b>	<b>1.27</b>	<b>1.42</b>	<b>1.50</b>	<b>1.86</b>	<b>1.62</b>	<b>2.24</b>	<b>1.99</b>	<b>1.47</b>	<b>1.42</b>	<b>2.37</b>
<b>3. ROA (excludes other operating income/grant support)</b>	<b>-0.009%</b>	<b>-0.004%</b>	<b>0.000%</b>	<b>-0.019%</b>	<b>0.012%</b>	<b>-0.023%</b>	<b>-0.073%</b>	<b>-0.025%</b>	<b>0.002%</b>	<b>0.052%</b>	<b>0.000%</b>	<b>0.000%</b>	<b>-0.041</b>	<b>-0.011</b>
<b>4. Operating ratio</b>	<b>0.90</b>	<b>0.88</b>	<b>0.89</b>	<b>0.90</b>	<b>0.86</b>	<b>0.91</b>	<b>0.91</b>	<b>0.92</b>	<b>0.88</b>	<b>0.84</b>	<b>0.89</b>	<b>0.74</b>	<b>0.911</b>	<b>0.875</b>

## Power Table 1 Power Operation Indicators – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY2015	YTD 2016
<b>Generation Statistics</b>														
Diesel Generation - kWh	1,157,640	1,147,050	1,193,140	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	13,092,590	14,603,440
Peak Generation - kW	2,290	2,280	2,260	2,180	2,170	2,407	2,334	2,320	2,505	2,450	2,481	2,560	2,250	2,290
Fuel Consumption - Gallons	81,980	80,668	84,576	78,908	77,460	86,920	85,744	92,892	92,635	93,319	89,499	86,029	891,055	1,030,630
Average Fuel Price (\$/Gallon)	2.89	2.94	2.86	2.65	2.70	2.33	2.47	2.55	2.70	2.81	2.74	2.70	3.37	32.34
Load Factor (%)	66%	65%	68%	67%	66%	67%	68%	72%	65%	68%	68%	64%	64%	140%
Capacity Factor (%)	41%	41%	40%	39%	39%	43%	42%	41%	45%	44%	44%	46%	40%	41%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	200%	300%	400%	500%	600%	700%	100%	100%
Reserve Plant Margin (%)	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	143%	-100%	145%
<b>Solar PV Generation - kWh</b>														
Solar PV Generation - kWh	33,020	23,351	25,893	25,987	30,713	38,009	34,101	32,297	28,930	26,699	29,514	27,726	287,642	356,240
Solar Generation %	2.8%	2.0%	2.1%	2.3%	2.7%	3.0%	2.7%	2.4%	2.2%	2.0%	2.2%	2.1%	2.1%	2.4%
Peak PV Generation - kW	241	170	189	189	224	277	249	235	211	195	215	202	225	241
Avoided Fuel - Gallons	2,338	1,642	1,835	1,825	2,161	2,648	2,392	2,332	2,124	1,939	2,009	1,889	19,559	25,134
Avoided Cost of Fuel - US\$	6,758	4,828	5,249	4,835	5,834	6,171	5,908	5,946	5,735	5,448	5,504	5,101	65,680	67,317
Tons of CO <sub>2</sub> avoided	23.6	16.6	18.5	18.4	21.8	26.7	24.2	23.6	21.5	19.6	20.3	19.1	197.5	253.9
<b>Labour Productivity (kWh/Emp/d)</b>														
Labour Productivity (kWh/Emp/d)	1,167	1,156	1,203	1,133	1,110	1,258	1,232	1,297	1,272	1,295	1,325	1,273	1,121	1,501
<b>SFOC (kWh/gal)</b>														
SFOC (kWh/gal)	14.12	14.22	14.11	14.24	14.21	14.35	14.26	13.85	13.62	13.77	14.69	14.67	14.69	14.17
Unit 1 (Jan 2012)	14.65	14.76	14.62	14.95	14.90	14.72	14.55	14.55	14.39	14.33	14.66	14.66	14.75	14.65
Unit 2 (Jan 2012)	14.71	14.62	14.36	14.48	14.74	14.46	14.09	0.00	0.00	14.62	14.75	14.74	14.68	14.57
Unit 3 (Ex CAT 2)	0.00	0.00	10.60	12.50	-	13.14	13.64	12.97	12.86	13.07	0.00	1.00	12.72	12.91
Unit 4 (Jul 13 - Singapore)	12.84	12.98	13.26	13.15	12.63	13.57	13.66	13.28	13.02	13.07	14.40	13.82	14.40	13.13
<b>SLOC (kWh/gal)</b>														
SLOC (kWh/gal)	103.2	61.5	46.2	73.2	117.2	69.4	89.3	94.99	90.12	56.21	155.34	97.28	96	1,054
Unit 1 (Jan 2012)	3,607.5	3,621.8	4,900.4	3,282.6	3,927.2	2,337.0	4,625.4	4,607.4	4,506.2	1,177.5	6,890.9	6,557.1	4,269	4,034
Unit 2 (Jan 2012)	3,857.6	2,573.6	2,086.2	2,967.3	2,652.2	2,035.3	2,891.1	0.0	1.0	1.0	1.0	1.0	4,255	2,911
Unit 3 (Ex CAT 2)	0.0	0.0	75.9	0.0	0.0	0.0	0.0	14,076.0	0.0	0.0	0.0	0.0	0	2,049
Unit 4 (Jul 13 - Singapore)	3,352.0	3,029.5	1,800.1	3,288.9	-	2,765.2	1,548.4	2,636.1	3,393.2	3,279.2	0.0	0.0	0	3,075
Forced Outage Factor (%)	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.34%	0.40%
Planned Outage Factor (%)	0.0%	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.05%	0.79%
<b>Distribution</b>														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	24.1%	24.0%	23.8%	22.9%	22.8%	25.3%	24.6%	24.4%	26.4%	25.8%	26.1%	26.9%	21.8%	24.1%
Distribution Losses (%)	8.9%	7.6%	9.9%	10.4%	7.8%	9.4%	7.6%	9.7%	10.1%	9.1%	8.6%	8.6%	12.6%	107.7%
SAIDI (hours/consumer)	0.66	0.86	1.44	1.24	0.50	0.10	0.00	0.27	1.05	0.06	0.13	0.05	11.60	6.35
SAIFI	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.09	0.10
Average Cost (\$/kWh)	0.20	0.20	0.20	0.18	0.18	0.16	0.17	0.18	0.19	0.20	0.18	0.18	0.22	0.19

## Power Table 2 Power Generation Statistics – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY 2016 YTD
<b>Generation - Engine Output (kWh)</b>														
Unit 1 (Jan 2012)	414,860	434,610	465,540	410,320	420,210	467,400	622,120	645,040	590,310	111,860	654,640	622,920	6,489,250	5,859,830
Unit 2 (Jan 2012)	424,340	424,640	396,380	400,580	411,090	514,930	440,900	0	0	525,020	619,050	604,060	6,339,820	4,760,990
Unit 3 (Ex CAT 2)	0	0	7,210	500	0	2,470	12,400	140,760	26,750	25,060	0	0	95,330	215,150
Unit 4 (Jul 13 - Singapore)	318,440	287,800	324,010	312,450	269,770	262,690	147,100	500,850	644,710	623,050	41,170	35,430	168,190	3,767,470
<b>Diesel Generation Total (kWh)</b>	<b>1,157,640</b>	<b>1,147,050</b>	<b>1,193,140</b>	<b>1,123,850</b>	<b>1,101,070</b>	<b>1,247,490</b>	<b>1,222,520</b>	<b>1,286,650</b>	<b>1,261,770</b>	<b>1,284,990</b>	<b>1,314,860</b>	<b>1,262,410</b>	<b>13,092,590</b>	<b>14,603,440</b>
Airport Solar Panel	9,064	8,396	7,927	7,723	8,145	9,316	8,112	6,995	6,110	5,231	5,072	6,211	84,370	88,302
High School Solar Grid Connect	23,956	14,955	17,966	18,264	22,568	28,693	25,989	25,302	22,820	21,468	24,442	21,515	203,272	267,938
<b>Solar PV Generation Total (kWh)</b>	<b>33,020</b>	<b>23,351</b>	<b>25,893</b>	<b>25,987</b>	<b>30,713</b>	<b>38,009</b>	<b>34,101</b>	<b>32,297</b>	<b>28,930</b>	<b>26,699</b>	<b>29,514</b>	<b>27,726</b>	<b>287,642</b>	<b>356,240</b>
<b>Total Generation (kWh)</b>	<b>1,190,660</b>	<b>1,170,401</b>	<b>1,219,033</b>	<b>1,149,837</b>	<b>1,131,783</b>	<b>1,285,499</b>	<b>1,256,621</b>	<b>1,318,947</b>	<b>1,290,700</b>	<b>1,311,689</b>	<b>1,344,374</b>	<b>1,290,136</b>	<b>13,380,232</b>	<b>14,959,680</b>
<b>Maximum Demand (kW)</b>	<b>2,290</b>	<b>2,280</b>	<b>2,260</b>	<b>2,180</b>	<b>2,170</b>	<b>2,407</b>	<b>2,334</b>	<b>2,320</b>	<b>2,505</b>	<b>2,450</b>	<b>2,481</b>	<b>2,560</b>	<b>2,250</b>	<b>2,290</b>
<b>Engine Rating kW (at 0.8 PF)</b>														
Unit 1 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	15,600
Unit 2 (Jan 2012)	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	15,600
Unit 3 (Ex CAT 2)	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	14,400
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	0	19,200
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Station Services (kWh)</b>	<b>3,405</b>	<b>3,503</b>	<b>3,428</b>	<b>2,838</b>	<b>3,453</b>	<b>3,314</b>	<b>3,327</b>	<b>3,119</b>	<b>3,162</b>	<b>3,398</b>	<b>0</b>	<b>0</b>	<b>52,826</b>	<b>32,947</b>
<b>Running Hours</b>														
Unit 1 (Jan 2012)	469	493	519	486	496	551	717	739	717	140	736	707	8,168	6,769
Unit 2 (Jan 2012)	486	494	479	489	492	611	550	0	0	674	711	699	8,151	5,684
Unit 3 (Ex CAT 2)	0	0	11	1	0	6	20	199	39	38	0	0	132	314
Unit 4 (Jul 13 - Singapore)	259	207	223	242	215	249	153	550	688	653	36	35	192	3,509
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Hours</b>	<b>1,214</b>	<b>1,194</b>	<b>1,231</b>	<b>1,218</b>	<b>1,203</b>	<b>1,417</b>	<b>1,439</b>	<b>1,488</b>	<b>1,444</b>	<b>1,505</b>	<b>1,483</b>	<b>1,441</b>	<b>16,642</b>	<b>16,275</b>



### Power Table 3 Fuel & Lube Oil Statistics – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY 2016 YTD
<b>Fuel Consumption (Gallons)</b>														
Unit 1 (Jan 2012)	28,325	29,443	31,848	27,441	28,210	31,751	42,769	44,339	41,031	7,804	44,661	42,498	439,986	400,120
Unit 2 (Jan 2012)	28,848	29,047	27,609	27,661	27,889	35,619	31,293	0	0	35,916	41,979	40,968	431,893	326,830
Unit 3 (Ex CAT 2)	0	0	680	40	0	188	909	10,853	2,080	1,918	0	0	7,493	16,668
Unit 4 (Jul 13 - Singapore)	24,807	22,178	24,439	23,765	21,361	19,362	10,772	37,700	49,524	47,681	2,859	2,563	11,683	287,012
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Fuel Consumption (Gals)</b>	<b>81,980</b>	<b>80,668</b>	<b>84,576</b>	<b>78,908</b>	<b>77,460</b>	<b>86,920</b>	<b>85,744</b>	<b>92,892</b>	<b>92,635</b>	<b>93,319</b>	<b>89,499</b>	<b>86,029</b>	<b>891,055</b>	<b>1,030,630</b>
<b>Average Fuel Price (\$/Gallon)</b>	<b>2.89</b>	<b>2.94</b>	<b>2.86</b>	<b>2.65</b>	<b>2.70</b>	<b>2.33</b>	<b>2.47</b>	<b>2.55</b>	<b>2.70</b>	<b>2.81</b>	<b>2.74</b>	<b>2.70</b>	<b>3.37</b>	<b>2.69</b>
<b>Lube Oil Consumption (Gallons)</b>														
Unit 1 (Jan 2012)	20	25	0	30	12	10	40	45	36	0	0	0	0	218
Unit 2 (Jan 2012)	15	70	95	40	60	63	58	0	0	0	0	0	65	401
Unit 3 (Ex CAT 2)	0	0	0	0	0	0	0	10	0	0	0	0	0	10
Unit 4 (Jul 13 - Singapore)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unit 5 (Ex CAT 3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total LO Consumption (Gals)</b>	<b>35</b>	<b>95</b>	<b>95</b>	<b>70</b>	<b>72</b>	<b>73</b>	<b>97</b>	<b>55</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65</b>	<b>628</b>
<b>Oil Change Log (75 Gal/Change)</b>														
Unit 1 (Jan 2012)	95	95	95	95	95	190	95	95	95	95	95	95	1,520	1,235
Unit 2 (Jan 2012)	95	95	95	95	95	190	95	0	0	190	95	190	1,425	1,235
Unit 3 (Ex CAT 2)	0	0	95	0	0	0	0	0	0	0	0	0	0	95
Unit 4 (Jul 13 - Singapore)	95	95	180	95	0	95	95	190	190	190	0	0	0	1,225
Unit 5 (Ex CAT 3)	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>285</b>	<b>465</b>	<b>285</b>	<b>190</b>	<b>475</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>475</b>	<b>190</b>	<b>285</b>	<b>2,945</b>	<b>3,790</b>

### Power Table 4 Power Distribution Statistics – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY 2016 YTD
<b>Number of Outages (Frequency)</b>														
Forced - Generation	4	2	2	3	2	3	0	1	3	0	0	1	14	21
Planned - Generation	0	0	1	1	0	0	0	0	0	0	0	0	1	2
<b>Total Number of Outages (Gen)</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>15</b>	<b>23</b>
Forced - Distribution	16	12	11	19	13	23	0	5	21	7	3	5	115	135
Feeder 1	3	2	3	4	2	4	0	1	3	0	0	1	13	23
Feeder 2	4	2	2	3	2	4	0	1	4	1	0	1	30	24
Feeder 3	3	3	2	4	2	5	0	1	3	3	1	1	35	28
Feeder 4	3	5	2	3	5	4	0	1	5	1	1	1	37	31
Feeder 5	3	0	2	5	2	6	0	1	6	2	1	1		
Planned - Distribution	4	6	8	5	4	0	0	5	0	0	1	0	36	33
Feeder 1	2	0	1	1	0	0	0	1	0	0	0	0	3	5
Feeder 2	1	2	4	1	3	0	0	1	0	0	0	0	3	12
Feeder 3	0	0	1	1	0	0	0	1	0	0	0	0	14	3
Feeder 4	0	2	2	1	1	0	0	1	0	0	1	0	16	8
Feeder 5	1	2	0	1	0	0	0	1	0	0	0	0	0	5
<b>Total Number of Outages (Dist)</b>	<b>20</b>	<b>18</b>	<b>19</b>	<b>24</b>	<b>17</b>	<b>23</b>	<b>0</b>	<b>10</b>	<b>21</b>	<b>7</b>	<b>4</b>	<b>5</b>	<b>151</b>	<b>168</b>

## Power Table 5 Power Outage Statistics – October 2015 to September 2016

	Oct 15	Nov 15	Dec 15	Jan 16	Feb 16	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	FY 2015	FY 2016 YTD
<b>Duration of Outages (Hrs)</b>														
Forced - Generation	0.2	0.4	0.2	0.5	0.3	0.3	0.0	0.1	0.4	0.0	0.0	0.4	29.6	2.9
Planned - Generation	0.0	0.0	3.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.7
<b>Total Duration Gen Outage (Hrs)</b>	<b>0.2</b>	<b>0.4</b>	<b>3.4</b>	<b>3.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>0.1</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>	<b>33.6</b>	<b>8.6</b>
<b>Forced - Distribution</b>	<b>1.0</b>	<b>3.8</b>	<b>1.5</b>	<b>12.5</b>	<b>3.5</b>	<b>2.8</b>	<b>0.0</b>	<b>0.7</b>	<b>21.0</b>	<b>1.6</b>	<b>0.6</b>	<b>1.2</b>	<b>226.7</b>	<b>50.2</b>
Feeder 1	0.3	0.3	0.7	2.5	0.3	0.4	0.0	0.0	3.0	0.0	0.0	0.3		7.7
Feeder 2	0.2	0.3	0.2	2.5	0.3	0.4	0.0	0.0	4.0	0.4	0.0	0.4		8.7
Feeder 3	0.2	0.5	0.2	2.5	0.2	0.6	0.0	0.0	3.0	0.5	0.2	0.3		8.1
Feeder 4	0.2	2.8	0.2	2.5	2.5	0.8	0.0	0.6	5.0	0.3	0.2	0.1		15.1
Feeder 5	0.2	0.0	0.2	2.5	0.2	0.6	0.0	0.0	6.0	0.5	0.2	0.3		10.6
<b>Planned - Distribution</b>	<b>16.9</b>	<b>19.7</b>	<b>37.7</b>	<b>21.2</b>	<b>10.0</b>	<b>0.0</b>	<b>0.0</b>	<b>6.7</b>	<b>7.5</b>	<b>0.0</b>	<b>3.0</b>	<b>0.0</b>	<b>89.1</b>	<b>122.6</b>
Feeder 1	7.8	0.0	3.4	2.3	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0		15.1
Feeder 2	2.1	9.2	20.7	0.8	7.5	0.0	0.0	1.3	1.0	0.0	0.0	0.0		42.5
Feeder 3	0.0	0.0	6.1	0.6	0.0	0.0	0.0	1.3	0.4	0.0	3.0	0.0		11.5
Feeder 4	0.0	7.8	4.1	0.6	2.5	0.0	0.0	1.5	4.3	0.0	0.0	0.0		20.8
Feeder 5	7.0	2.7	3.4	16.9	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0		32.7
<b>Total Duration Dist Outage (Hrs)</b>	<b>18.8</b>	<b>27.3</b>	<b>40.7</b>	<b>46.2</b>	<b>17.0</b>	<b>5.6</b>	<b>0.0</b>	<b>8.1</b>	<b>49.5</b>	<b>3.2</b>	<b>4.1</b>	<b>2.5</b>	<b>315.8</b>	<b>172.8</b>

## Water Table 1 Water Production & Sales Data Statistics October 2015 to September 2016

COMPANY WIDE DATA	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
<b>Water Production(Gallons)</b>												
WTP Production	1,233,400	1,122,500	1,284,900	1,293,700	1,026,100	458,800	795,000	1,248,300	865,000	1,200,900	1,380,700	1,101,100
Water into Supply											688,600	515,650
Water Into Storage											(692,100)	(585,450)
Well Production (into supply)	20,691,800	17,321,000	16,603,776	19,293,792	18,243,591	18,974,336	17,164,066	18,524,248	16,718,126	19,300,026	18,115,509	18,103,900
<b>Total</b>	<b>21,925,200</b>	<b>18,443,500</b>	<b>17,888,676</b>	<b>20,587,492</b>	<b>19,269,691</b>	<b>19,433,136</b>	<b>17,959,066</b>	<b>19,772,548</b>	<b>17,583,126</b>	<b>20,509,926</b>	<b>18,804,109</b>	<b>19,135,200</b>
<b>Water Volume Billed(Gallons)</b>												
Commercial	1,353,064	1,127,860	1,994,655	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
Government (excludes hospital)	955,350	601,640	432,500	495,720	856,790	746,340	750,280	1,077,050	872,510	1,088,270	374,960	484,630
Government Hospital	1,005,500	600,800	742,600	628,800	617,000	441,900	610,200	662,300	782,600	782,000	1,121,300	1,279,200
Residential	4,737,307	2,520,050	2,703,599	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
Water Delivery and Bunkering	38,000	15,086	2,000	39,000	138,000	267,000	-	45,300	26,000	28,000	-	6,000
<b>Total</b>	<b>8,089,221</b>	<b>4,865,436</b>	<b>5,875,354</b>	<b>5,507,754</b>	<b>5,714,159</b>	<b>6,132,025</b>	<b>6,869,789</b>	<b>6,312,966</b>	<b>6,509,932</b>	<b>7,061,578</b>	<b>7,185,285</b>	<b>6,752,414</b>
<b>NRW</b>												
Volume	13,835,979	13,578,064	12,013,322	15,079,738	13,555,532	13,301,111	11,089,277	13,459,582	11,073,194	13,439,348	11,618,824	12,382,786
	63.1%	73.6%	67.2%	73.2%	70.3%	68.4%	61.7%	68.1%	63.0%	65.6%	61.8%	64.7%
<b>WWTP - Sewage Inflow - Gallons</b>												<b>11,300,000</b>
<b>Invoiced Water Value(USD)</b>												
Water Delivery and Bunkering			50	\$2,430	\$7,350	\$15,175	\$0	\$2,265	\$1,450	\$1,886		\$300.00
Commercial	6,704	5,564	9,840	\$5,051	\$6,153	\$4,582	\$7,525	\$7,484	\$8,035	\$9,917	\$8,987	\$7,994
Government (includes hospital)	9,688	5,867	5,759	\$5,509	\$7,214	\$5,778	\$6,648	\$8,567	\$8,111	\$9,239	\$7,340	\$8,667
Residential	14,120	7,484	7,847	\$9,770	\$8,241	\$10,533	\$11,040	\$8,269	\$8,858	\$8,615	\$10,687	\$9,164
<b>Total</b>	<b>30,512</b>	<b>18,915</b>	<b>23,447</b>	<b>\$20,330</b>	<b>\$21,608</b>	<b>\$20,893</b>	<b>\$25,213</b>	<b>\$24,320</b>	<b>\$25,004</b>	<b>\$27,770</b>	<b>\$27,014</b>	<b>\$25,826</b>
<b>Sewer Charges(USD)</b>												
Commercial	2,871	2,221	4,360	\$2,170	\$2,387	\$1,840	\$3,014	\$3,433	\$3,697	\$3,367	\$3,327	\$2,869
Commercial - w/o water	4,048	3,819	3,254	\$3,355	\$3,355	\$3,394	\$3,394	\$3,345	\$3,345	\$3,345	\$3,279	\$3,626
Government	4,800	2,909	2,857	\$2,731	\$3,574	\$2,762	\$3,240	\$4,174	\$3,949	\$4,504	\$3,586	\$4,223
Residential	1,456	639	641	\$931	\$609	\$794	\$1,019	\$672	\$749	\$683	\$970	\$720
Residential w/o water	2,060	2,000	2,010	\$1,950	\$1,900	\$1,820	\$1,740	\$1,690	\$1,720	\$1,680	\$1,670	\$1,650
<b>Total</b>	<b>15,235</b>	<b>11,589</b>	<b>13,122</b>	<b>\$11,137</b>	<b>\$11,825</b>	<b>\$10,610</b>	<b>\$12,408</b>	<b>\$13,313</b>	<b>\$13,460</b>	<b>\$13,579</b>	<b>\$12,832</b>	<b>\$13,087</b>

## Water Table 2 Water/Sewer Connection Data – October 2015 to September 2016

COMPANY WIDE DATA	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
<b>Water Connection Data (No. of Connections)</b>												
Commercial - Billed	64	65	65	66	69	70	66	66	68	67	68	65
Commercial - Disconnected	6	5	2	3	2	3	4	4	5	6	6	9
Commercial - Awaiting Connection	3	3	3	3	3	2	2	2	2	2	2	-
Commercial Avge Consumption - Gall/conn/mth	21,142	17,352	30,687	15,584	18,487	13,844	23,620	23,461	24,295	30,343	27,120	25,357
Government - Billed	16	15	15	13	19	19	17	15	19	14	13	15
Government - Disconnected	2	2	1	1	2	2	2	2	2	5	3	2
Government - Awaiting Connection	0	0	0	-	-	-	-	-	-	-	-	-
Government Avge Consumption - Gall/conn/mth	59,709	40,109	28,833	38,132	45,094	39,281	44,134	71,803	45,922	77,734	28,843	32,309
Hospital - Billed	1			1	1	1	1	1	1	1	1	1
Hospital - Disconnected	0			-	-	-	-	-	-	-	-	-
Hospital - Awaiting Connection	0			-	-	-	-	-	-	-	-	-
Hospital Avge Consumption - Gall/conn/mth	1005500			628800	617000	441900	610200	662300	782600	782000	1121300	1279200
Residential - Billed	340	343	340	337	348	357	353	348	351	331	334	324
Residential - Disconnected	119	119	119	118	118	113	120	118	122	143	137	139
Residential - Awaiting Connection	63	61	64	65	62	59	60	65	70	73	76	1
Residential Avge Consumption - Gall/conn/mth	13,933	7,347	7,952	9,839	8,123	10,386	11,191	8,563	9,051	9,457	11,511	10,291
<b>Sewer Connection Data (No. of Connections)</b>												
Commercial Billed	24	23	30	25	35	39	37	38	38	37	33	35
Commercial Billed w/o water	53	53	53	53	53	53	53	53	53	53	53	53
Government Billed	11	10	10	13	18	18	16	14	18	13	12	14
Residential Billed	127	136	135	139	140	158	169	160	160	146	154	148
Residential Billed w/o water	198	193	177	195	190	183	173	169	172	168	167	167
<b>STP Inflow (MG/month)</b>											16.5	
<b>SEWER OVERFLOWS</b>												
North Zone	0	1	0	0	0	0	0	0	4	0	2	0
South Zone	1	0	0	1	0	0	0	0	1	4	1	1

**Water Table 3 Zonal Water Use Statistics – FY2016**

ZONAL NRW - SEPTEMBER 2016					ZONAL NRW - FY2016 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	750,000	25,370	724,630	97%	1	13,956,879	4,726,310	9,230,569	66%
2	13,746,100	4,468,041	9,278,059	67%	2	154,480,126	48,285,429	106,194,697	69%
3	1,085,860	2,630	1,083,230	100%	3	14,692,855	2,765,690	11,927,165	81%
4	1,046,100	163,210	882,890	84%	4	11,893,847	1,515,489	10,378,358	87%
5	0	5,810	-5,810	-	5	1,869,400	59,540	1,809,860	-
6	1,949,400	1,932,953	16,447	1%	6	26,646,217	16,535,736	10,110,481	38%
7	31,890	24,920	6,970	-	7	387,506	514,960	-127,454	-
8	10,200	129,480	-119,280	-1169%	8	6,201,104	2,446,970	3,754,134	61%
<b>Total</b>	<b>18,619,550</b>	<b>6,752,414</b>	<b>11,867,136</b>	<b>64%</b>	<b>Total</b>	<b>230,127,934</b>	<b>76,850,124</b>	<b>153,277,810</b>	<b>67%</b>
ZONAL WATER CONSUMPTION - SEPTEMBER 2016					ZONAL WATER CONSUMPTION - FY2016 YTD				
Zone	AWge Use -Gallons/ConnecUion				Zone	Avge Use -Gallons/Connection			
	Commercial	GoWernment	Hospital	Residential		Commercial	Government	Hospital	Residential
1	200	0	-	3,146	1	24,891	34,183	-	7,941
2	28,066	0	-	10,216	2	21,351	53,662	-	9,455
3	0	0	-	329	3	0	15,490	-	12,458
4	8,800	0	-	12,134	4	7,791	0	-	9,588
5	0	0	-	968	5	0	0	-	1,041
6	9,790	0	1,279,200	0	6	52,144	0	772,850	13,897
7	0	0	-	6,230	7	0	0	-	9,074
8	0	21,728	-	4,730	8	8,217	32,362	-	6,510
<b>Total</b>	<b>25,357</b>	<b>32,309</b>	<b>1,279,200</b>	<b>10,291</b>	<b>Total</b>	<b>22,100</b>	<b>56,000</b>	<b>772,850</b>	<b>10,037</b>

# Administration Table 1 H&S Statistics – September 2016 & FY 2016



## HEALTH & SAFETY REPORT: FY2016 - September 2016

### 1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	September 2016						YEAR TO DATE - FY2016					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	9	1,567	0	0	0	0	0	19,320	0	0	0	0	0
Maintenance	7	1,199	0	0	0	0	0	16,366	0	0	0	0	0
Power Distribution - Line	20	3,162	0	0	0	0	0	41,783	0	0	0	0	0
Power Distribution - Contractors	13	2,331	0	0	0	0	0	26,812	0	0	0	0	0
Water & Sewer	11	1,750	0	0	0	0	0	22,558	0	0	0	0	0
Water & Sewer Contractors	13	4,063	0	0	0	0	0	30,093	0	0	0	0	0
Fin, Admin, Cust Care	18	2,703	0	0	0	0	0	30,317	0	0	0	0	0
<b>TOTAL</b>	<b>91</b>	<b>16,774</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>187,249</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

316,750

MT - Number of Medical Treatment cases

LTC - Number of Lost time cases

LTD - Number of Lost time days

FAT - Number of Fatalities

### 2. SICK LEAVE REPORT

DEPARTMENT	Number of Staff	September 2016		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	9	22	0	22
Maintenance	7	31	0	31
Power Distribution - Line	20	251	0	251
Power Distribution - Customer	13	5	0	5
WSS_Treatment/Prod	11	3	0	3
WSS Networks	13	0	0	0
Finance, Admin Cust Coord	18	132	0	132
<b>TOTAL</b>	<b>91</b>	<b>445</b>	<b>0</b>	<b>445</b>

Year To Date FY2016		
Total Hours Sick	Accident Related	Poor Health
1,033	0	1,033
581	0	581
3,066	0	3,066
405	0	405
924	0	924
25	0	25
3,067	0	3,067
<b>9101</b>	<b>0</b>	<b>9101</b>

Sick Hours as Percentage of Total Hours Worked	Total Hours Sick	Accident Related	Poor Health
	2.7%	0.0%	2.7%

Sick Hours as Percentage of Total Hours Worked	Total Hours Sick	Accident Related	Poor Health
	4.9%	0.0%	4.9%

DEPARTMENT	Number of Staff	September 2016		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	9	1.4%	0.0%	1.4%
Maintenance	7	2.6%	0.0%	2.6%
Power Distribution - Line	20	8.0%	0.0%	8.0%
Power Distribution - Customer	13	0.2%	0.0%	0.2%
WSS_Treatment/Prod	11	0.0%	0.0%	0.0%
WSS Networks	13	0.0%	0.0%	0.0%
Finance, Admin Cust Coord	18	4.9%	0.0%	4.9%
<b>TOTAL</b>	<b>91</b>	<b>2.7%</b>	<b>0.0%</b>	<b>2.7%</b>

## Administration Table 2 Attendance Summary – September 2016 & FY 2016

DEPARTMENT	September 2016								YEAR TO DATE - FY2016								
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWO L	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AW OL	Sick Leave As % of Hours claim	
		Regular	Overtime						Regular	Overtime							
Power Generation	9	1,310	257	0	22	89	1,678	67	15,417	2,489	170	1,033	602	19,712	101	5.2%	
Maintenance	7	1,093	106	0	31	43	1,273	9	14,494	1,872	474	581	856	18,278	58	3.2%	
Power Distribution - Line	20	2,877	286	0	251	183	3,597	1	34,256	7,527	1,171	3,066	2,063	48,083	143	6.4%	
Power Distribution - Contractors	13	2,331	0	0	5	0	2,336	0	26,315	497	188	405	114	27,519	0	1.5%	
Water & Sewer	11	1,508	242	0	3	136	1,889	6	18,810	3,748	410	924	1,455	25,346	41	3.6%	
Water & Sewer Contractors	13	4,063	0	0	0	0	4,063	0	29,703	390	203	25	204	30,525	20	0.1%	
Fin, Admin, Cust Care	18	2,521	182	0	132	169	3,003	52	27,500	2,817	965	3,067	3,740	38,089	368	8.1%	
<b>TOTAL</b>	<b>91</b>	<b>15,702</b>	<b>1,072</b>	<b>0</b>	<b>445</b>	<b>619</b>	<b>17,838</b>	<b>135</b>	<b>166,495</b>	<b>19,340</b>	<b>3,581</b>	<b>9,101</b>	<b>9,035</b>	<b>207,552</b>	<b>731</b>	<b>4.4%</b>	
Hours as % of Total Hours Claimed		88.0%	6.0%	0.0%	2.5%	3.5%			0.8%	80.2%	9.3%	1.7%	4.4%	4.4%			4.1%

## CAPEX Table 1 Major Capex Project Summary – End September 2016

<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	27,400				
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>1,193,500</b>				
<b>Balance of Grant for PART 2</b>	<b>6,496,500</b>				
<b>PART 2</b>					
	<b>Original Budget</b>	<b>Revised Budget - Sep 16</b>	<b>Variance on Original Budget</b>	<b>Spend to End Sept 16</b>	<b>Spend To Completion</b>
Power Plant Project - RJE	6,237,928	6,237,928	0	5,342,298	895,630
<b>Agreed Variations</b>					
AV1. Radiator coating upgrade		6,500	-6,500	0	6,500
AV2. Teleporter		35,000	-35,000	0	35,000
AV3. Electratherm - Waste Heat To Energy Eng Study		11,000	-11,000	0	11,000
<b>Potential Variations</b>					
PV1. Fuel Storage Option		151,550	-151,550	0	151,550
PV2. CCTV and Gates Option		149,500	-149,500	0	149,500
Power Plant - McMahon Amendment #1	196,500	225,000	-28,500	151,744	73,256
		34,100	-34,100	0	34,100
Power Plant Office - CPUC	216,000	135,000	81,000	82,975	52,025
Import Duties - CPUC	160,000	172,042	-12,042	0	172,042
Miscellaneous Support	0	81,000	-81,000	29,398	51,602
<b>Expenditure</b>	<b>6,810,428</b>	<b>7,238,620</b>	<b>-428,192</b>	<b>5,606,415</b>	<b>1,632,205</b>
<b>Available Funds Pre-drawdown</b>					
	<b>Funding Commitmen</b>			<b>Drawn</b>	<b>Balance</b>
Drawdown From Compact Grant	6,496,500	6,496,500		6,206,500	290,000
Supplement from WWTP Project	228,000	247,948		0	247,948
Supplement from Emergency Generation Project	85,969	85,969		0	85,969
Supplement from Contingency Support (under approval)		500,000		0	500,000
	<b>6,810,469</b>	<b>7,330,417</b>		<b>6,206,500</b>	<b>1,123,917</b>
<b>CPUC OFFICE/IT/WAREHOUSE PROJECT</b>	350,000	350,000	0	0	350,000
CPUC design work and evaluation carried out in September					
<b>WWTP REHABILITATION PROJECT</b>					
<b>Component 1 - Local</b>	Both grants closed out in August 2016 and transfer of excess funds to				
<b>Component 2 - International</b>	CPUC Power Plant Grant is approved by Statae and OIA.				
Balance payable to CCB Envico On D/L Completion in March 2017:					
<b>ADB ODP PROJECT - POWER DISTRIBUTION IMPROVEMENT - Loan Drawdown Completed - Loan Closed End June 2016</b>					



## CAPEX Table 2 Capex Summary Sheet – End September 2016

Chuuk Public Utility Corporation Capex Summary Sheet as of September 30, 2016									
	A	A1	B	C	D (B-C)	E (A+A1-B)	F	(A+A1-F)	G (F-C)
	Total Value	(Deoblicate) Obligate	Commitment	Expended	Commitment Balance	Uncommitted (Funded By Ops/Other Grants)	Cash Drawdown	OIA Balance	Cash Balance
<b>ADB Loan</b>									
OCR	2,800,000		2,788,915	2,788,915	0	11,085	2,788,915	0	0
ADF	2,694,256		2,694,256	2,694,256	0	0	2,694,256	0	0
<b>ADB Grant - Project Completed in December 2013</b>									
JFPR	980,000		980,000	963,000	17,000	0	963,000	0	0
<b>Compact Grant</b>									
CRISP - D11AF00015	2,360,200		2,306,200	2,306,200	0	54,000	2,306,200	0	0
CRISP - D11AF00084	2,121,440		2,165,889	2,165,889	0	-44,449	2,121,440	0	0
<b>CRISP TOTAL</b>	<b>4,481,640</b>		<b>4,472,089</b>	<b>4,472,089</b>	<b>0</b>	<b>9,551</b>	<b>4,427,640</b>	<b>0</b>	<b>0</b>
OMIP	250,000		251,427	251,427	0	-1,427	250,000	0	0
OIDPMatchPower Plant GR970170	7,690,000	874,039	8,432,120	6,799,915	1,632,205	131,919	7,400,000	1,164,039	600,085
Smoke Detection	60,000	-4,686	55,314	55,314	0	0	60,000	-4,686	4,686
Power Security grant D15AFF0020	470,000	-85,969	384,031	384,031	0	0	384,400	-369	369
FY 2014 professional Managt D14F0009-00020	762,400		751,000	751,000	0	11,400	751,000	11,400	0
Fy 2015 professional - D15F00015-00020	280,800		280,800	280,800	0	0	280,800	0	0
FY 2016 Professional - D16AF00023-00020	525,800		364,944	364,944	0	160,856	390,450	135,350	25,506
WWTP Phase 1 D14AF00042	955,000	-48,117	906,883	906,883	0	0	909,000	-2,117	2,117
WWTP Phase 2 D14AF00048	3,700,000	-235,267	3,464,733	3,414,233	50,500	50,500	3,456,497	8,236	42,264
FY 2016 Scratched Card - D16AF00017-00010	140,000		140,000	140,000	0	0	140,000	0	0
FY 2016 Tonoas Water System - D16AF00017-00010	750,000		0	0	0	0	0	750,000	0
FY 2016 - CPUC Office / Warehouse - D16AF00017-00010	350,000		0	0	0	0	0	350,000	0
<b>Total</b>	<b>26,889,896</b>	<b>500,000</b>	<b>25,966,511</b>	<b>24,266,806</b>	<b>1,699,705</b>	<b>373,884</b>	<b>24,895,958</b>	<b>2,411,853</b>	<b>675,027</b>