

## CHUUK PUBLIC UTILITY CORPORATION



### MONTHLY REPORT:

FY2019 – December 2018



Issued: 19 January 2019

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**EXECUTIVE SUMMARY**

**SUMMARY OF KEY STATISTICS**

	Dec-18	FY2019	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Dec-18	FY2019	Dec-18	FY2019
Revenue	715,049	2,127,421	0.581	0.571	0.492	0.481
Variable Costs	337,142	1,079,935	0.274	0.290	0.232	0.244
Fixed Costs	205,396	547,975	0.167	0.147	0.141	0.124
Total Expenses	542,538	1,627,910	0.441	0.437	0.374	0.368
Operating result	172,511	499,511	0.140	0.134	0.119	0.113
Power generation	1,451,890	4,418,480				
<i>Diesel</i>	1,428,107	4,346,630				
<i>Solar</i>	23,783	71,850				
<i>Solar PV as % of Total Generation</i>	1.6%	1.6%				
<i>Avoided Cost of Fuel - US\$</i>	5,405	17,123				
<i>Tons of CO2 Avoided</i>	16.2	48.8				
					<b>Sales</b>	
Government Sales	213,467	626,003	<b>Feeder</b>	<b>Conns</b>	<b>Dec-18</b>	<b>FY2019</b>
Commercial Sales	581,161	1,882,829	F1	466	343,035	663,470
Residential Sales	349,072	1,000,190	F2	457	109,677	198,834
Intercompany Sales	66,366	216,734	F3	376	341,229	733,876
Sales Accrual	20,020	1,209	F4	374	299,126	623,048
<b>Total Sales</b>	<b>1,230,086</b>	<b>3,726,964</b>	F5	481	120,489	267,933
Power Loss	15.3%	15.7%	<b>Total</b>	<b>2,155</b>	<b>1,213,555</b>	<b>2,487,161</b>
Operating ratio	0.76	0.78	<b>NB</b> - Error on Total and Feeder sales YTD is <1.0%; 15,980 kWh station use is not included			
Water Produced - Gallons	24,063,184	73,036,484				
Water Sold - Gallons	7,665,390	20,759,325				
Non Revenue Water	68.1%	71.6%				

Daily generated output in December was 46,835 kWh/day; 2.9% lower than November. Average daily sales were 39,680 kWh/day; 2.7% lower than November. Total power loss was 15.3%.

Average fuel efficiency for December was 14.83 kWh/gallon – the gradual decline in fuel efficiency is of concern and operating strategy will be reviewed in January 2019. Performance will be tracked and reviewed once power assemblies are changed out on Unit 1 in Q1 of 2019.

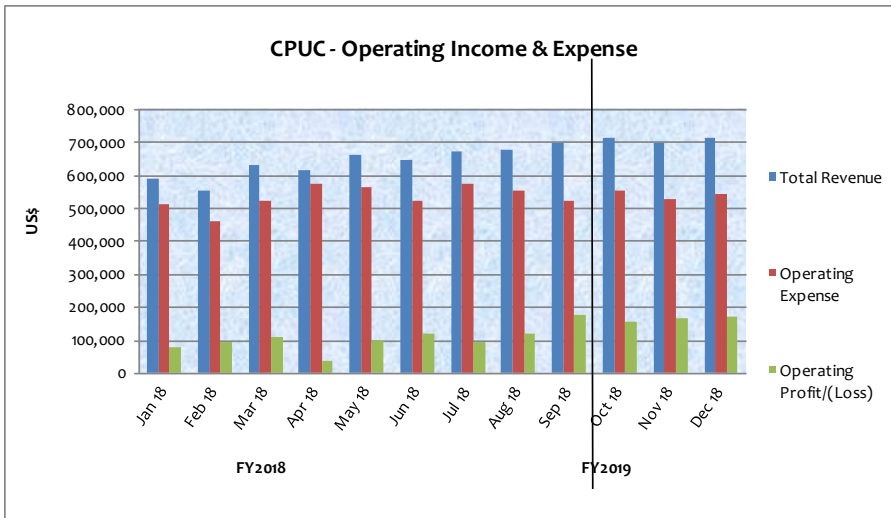
The split of power users for total sales throughput in December was as follows:

Government – 17.4%; Commercial – 47.2%; Residential – 28.4%; Intercompany 5.4%; Accrual 1.6%;

Solar PV generation in December was 23,783 kWh or 1.6% of total generation. The avoided cost of fuel was US\$5,405 and the amount of Carbon Dioxide avoided was 16.2 tons.

From a commercial perspective the operating result for December 2018 was US\$172,511 with an operating ratio of 0.76; YTD US\$ 499,511,000 and 0.78 respectively.

# 1 FINANCIAL PERFORMANCE GRAPHS

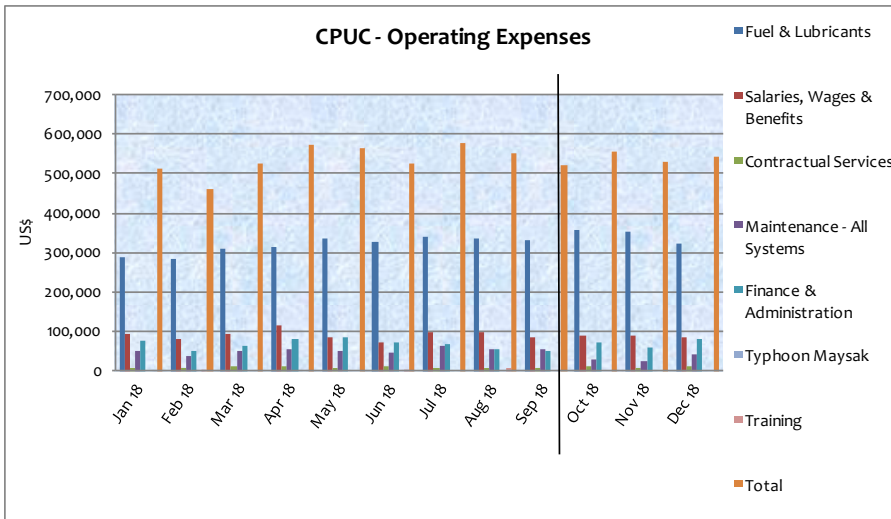


## 1.1 Key Points:

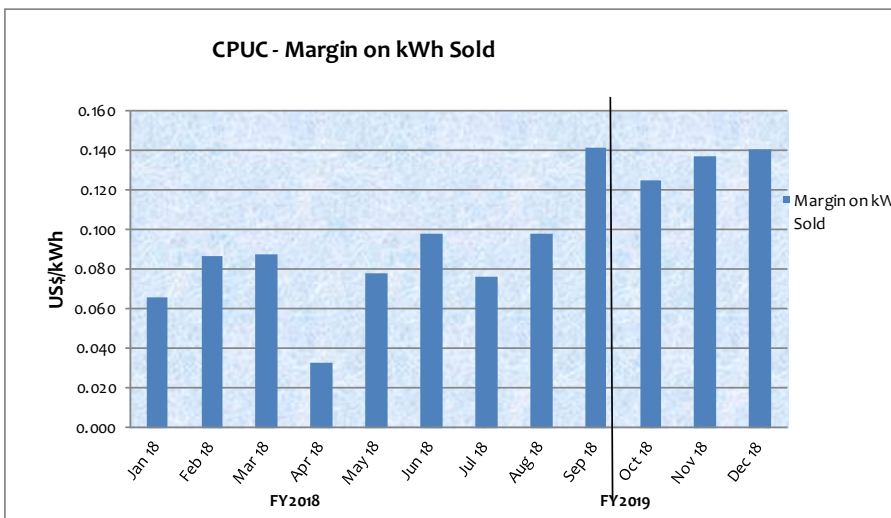
FY2018 Operating income before Depreciation & Interest :

FY2019 US\$499,511

Operating ratio: YTD 0.78;

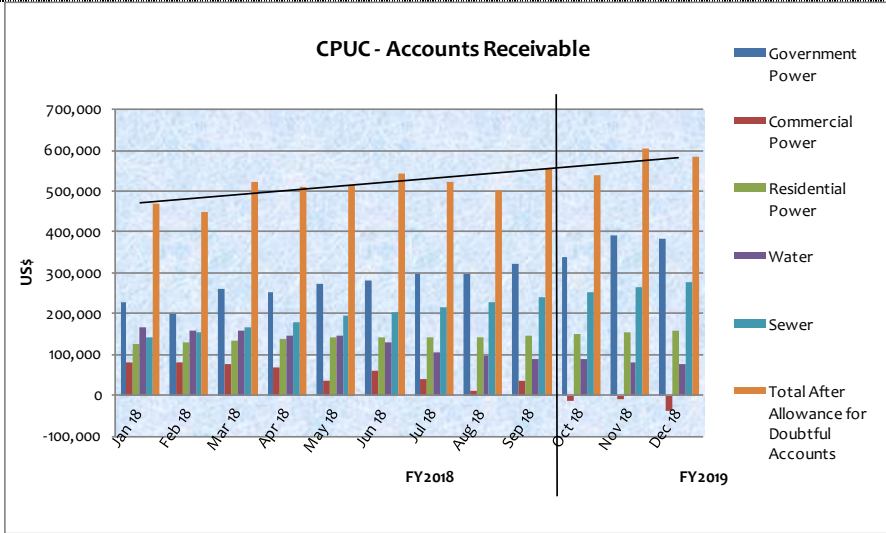


## 1.2 Key Points:



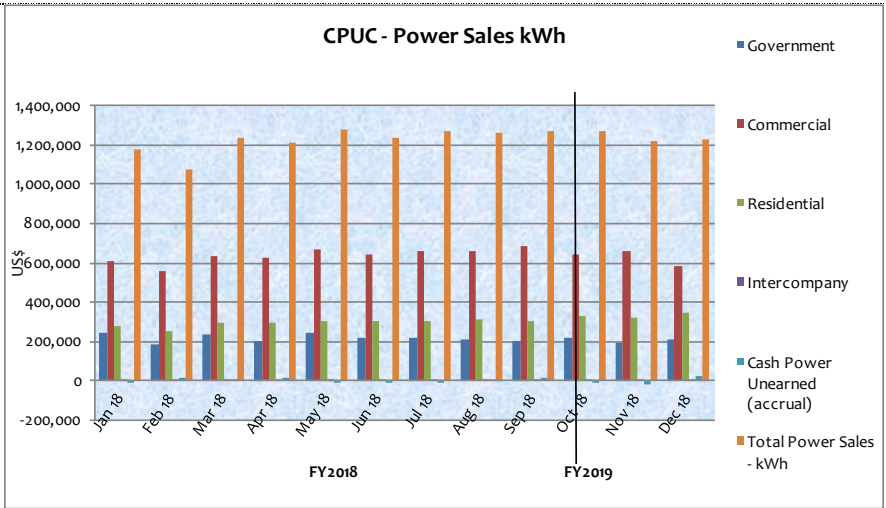
## 1.3 Key Points:

YTD US\$0.134kWh sold.

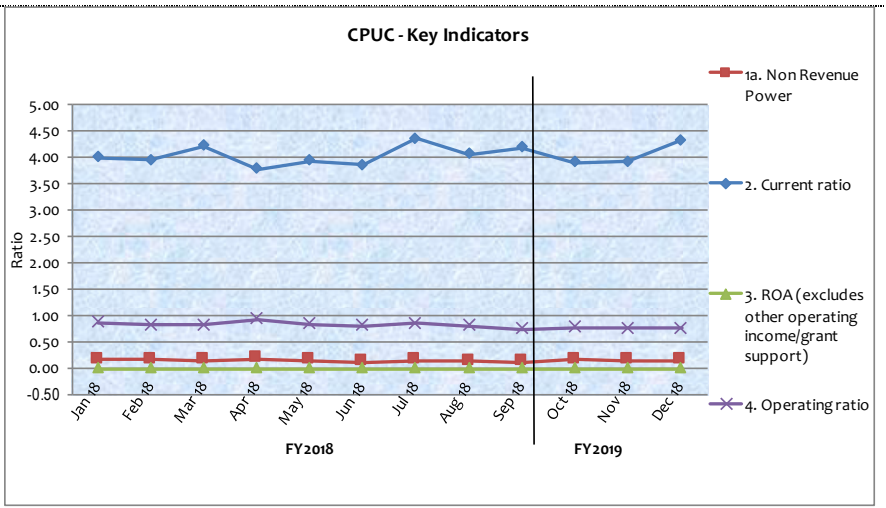


**1.4 Key Points:**

Government payables are increasing – a key issue is non-payment for street lighting since 2012

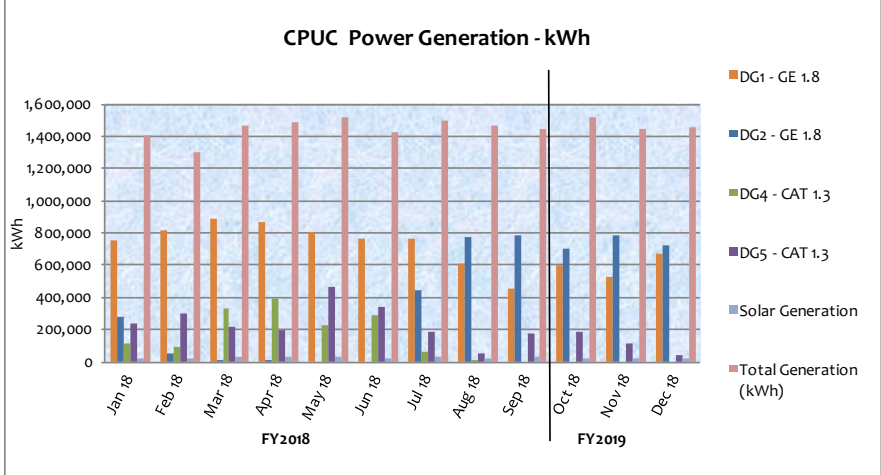


**1.5 Key Points:**

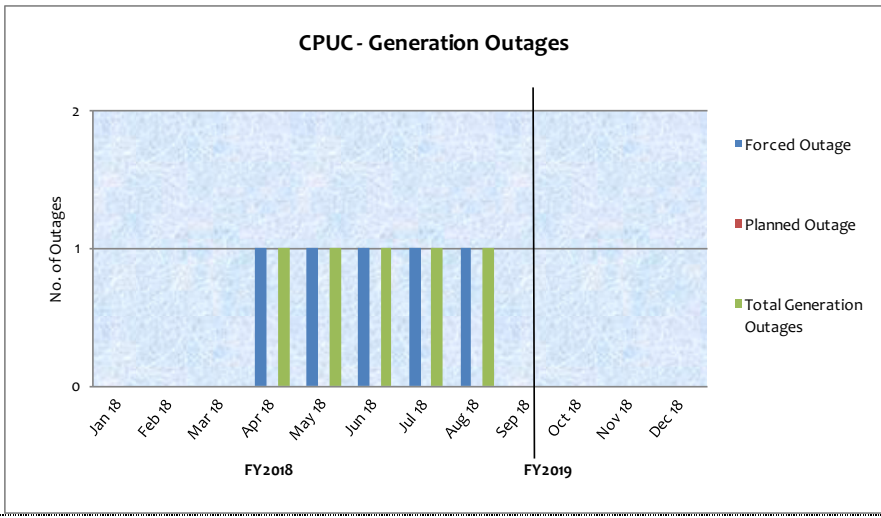


**1.6 Key Points:**

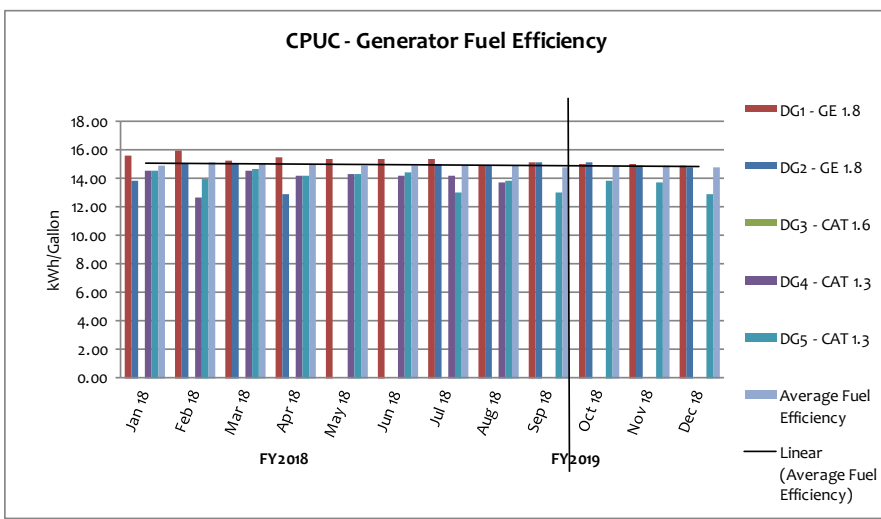
## 2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



### 2.1 Key Points:

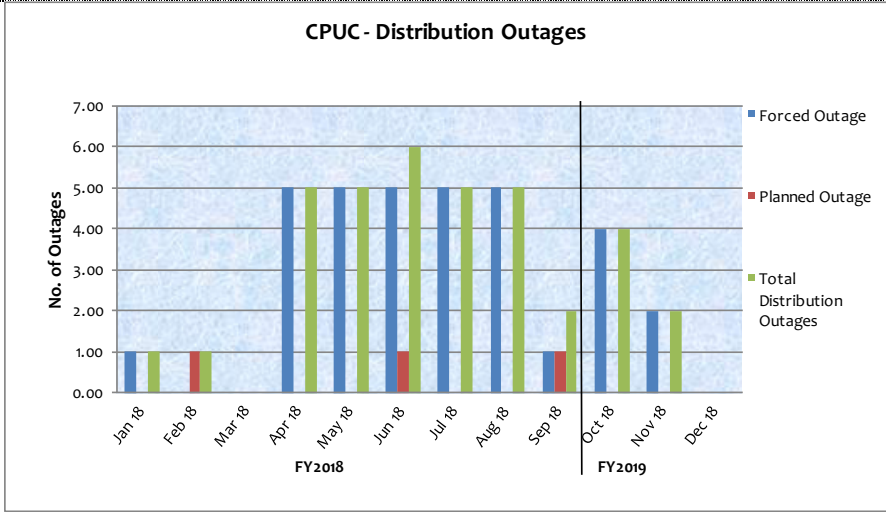


### 2.2 Key Points:

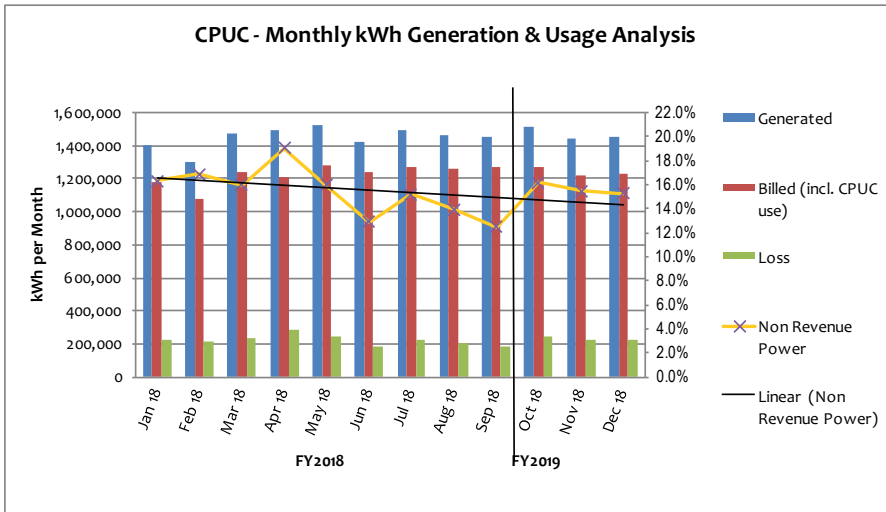


### 2.3 Key Points:

Avg fuel efficiency in FY2019 14.9kWh/gall.

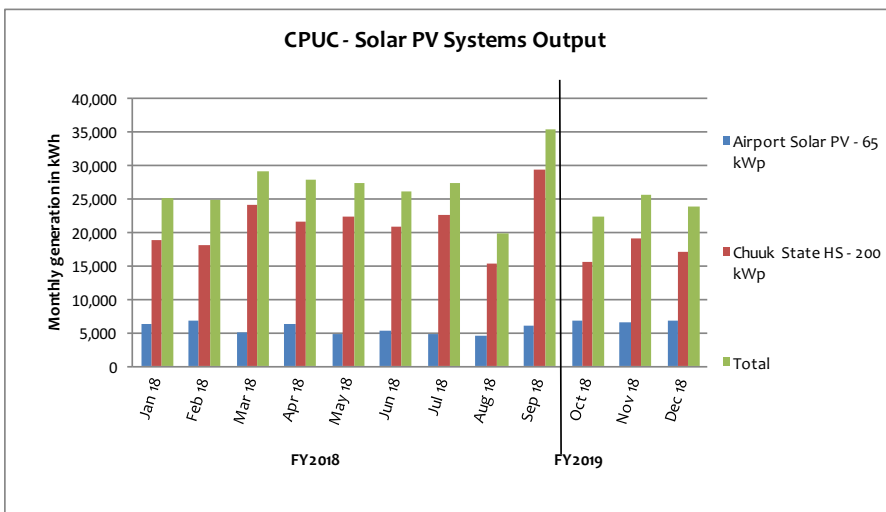


#### 2.4 Key Points



#### 2.5 Key Points:

Power loss for December 18 – 15.3%;



#### 2.6 Key Points:

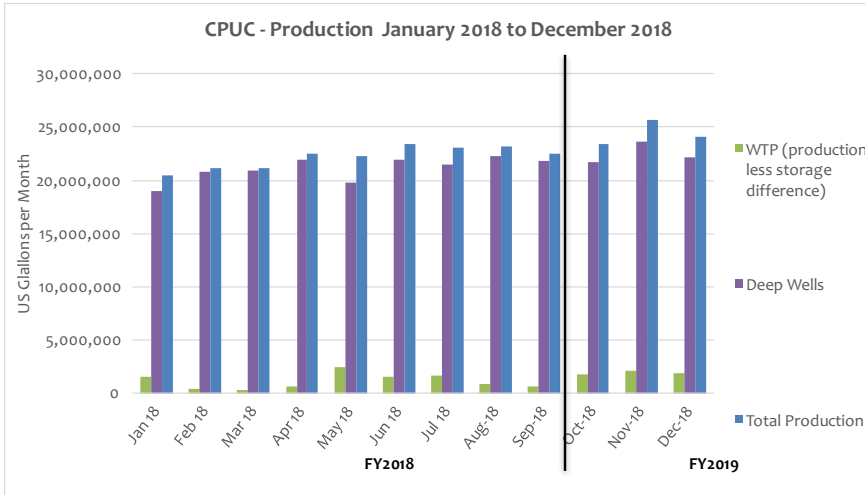
Solar PV accounted for 1.6% of CPUC generation in December;

The avoided cost of fuel was: US\$5,405

Avoided Tons of CO2 was 16.2 Tons;

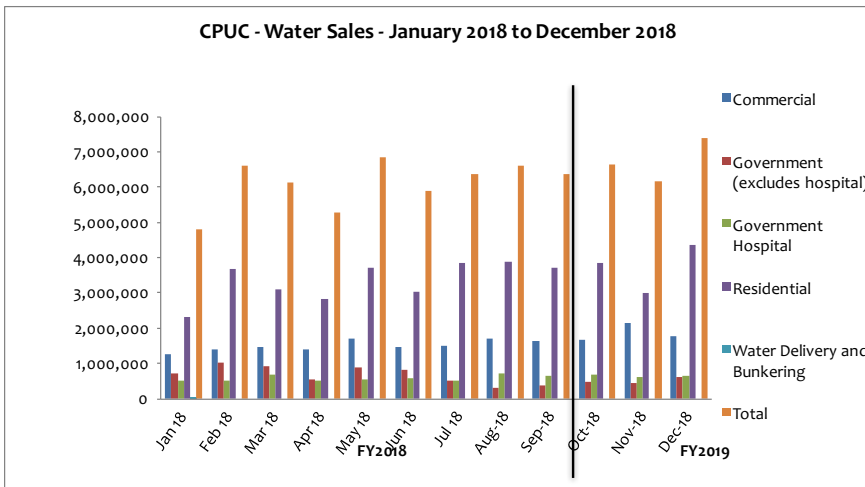


### 3 WATER PERFORMANCE GRAPHS

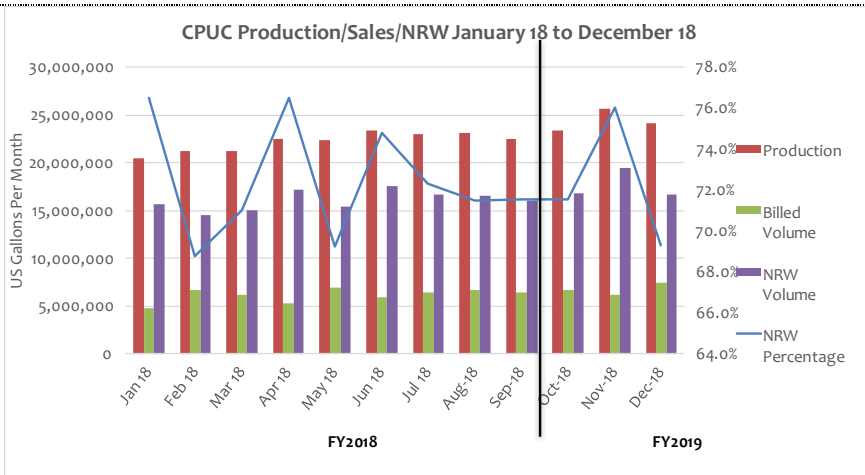


**1 Key Points:**

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



**Key Points:**



**Key Points:**



## Financial Table1 P & L Statement – January 2018 to December 2018

Revenue - US\$	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019
<b>Operating revenue:</b>														
a. Power Sales	554,772	512,095	592,791	573,531	615,902	607,009	626,747	620,986	656,139	665,920	651,371	659,579	7,058,632	1,976,871
b. Water Sales	17,166	24,181	23,014	19,618	25,590	21,923	22,356	24,483	23,833	24,496	23,247	28,617	273,716	76,361
c. Sewer Sales	10,802	12,495	12,733	11,282	15,973	11,771	11,289	12,366	11,836	12,204	13,274	13,201	145,333	38,679
d. Other operating revenue	9,585	5,421	4,121	9,731	7,207	5,599	14,697	19,052	8,980	12,939	8,920	13,651	108,961	35,511
<b>Revenue - Total</b>	<b>592,325</b>	<b>554,192</b>	<b>632,658</b>	<b>614,163</b>	<b>664,672</b>	<b>646,302</b>	<b>675,089</b>	<b>676,887</b>	<b>700,789</b>	<b>715,559</b>	<b>696,813</b>	<b>715,049</b>	<b>7,586,642</b>	<b>2,127,421</b>
<b>Expenses - US\$</b>														
Fuel & Lubricants	289,899	284,789	310,514	312,850	335,161	324,799	341,204	333,944	329,402	357,813	351,703	324,559	3,738,941	1,034,075
Salaries, Wages & Benefits	93,046	78,835	92,771	114,968	85,955	71,648	97,994	96,620	82,808	90,443	86,883	86,183	1,087,840	263,509
Contractual Services	7,871	8,108	10,581	10,907	7,900	10,121	8,250	7,494	8,596	10,274	8,120	8,934	105,293	27,328
O&M - Power Generation	19,023	10,207	17,195	20,243	22,514	20,235	11,026	21,919	11,968	2,592	2,796	9,175	205,681	14,563
O&M - Power Distribution	8,129	8,437	11,671	10,618	14,031	9,940	15,741	10,603	18,625	8,235	7,355	17,556	140,422	33,146
O&M - Water	4,267	5,762	3,112	3,723	4,079	3,515	12,388	6,097	8,152	2,591	4,668	787	59,845	8,045
O&M - Sewer	0	215	367	2,901	0	0	120	0	0	71	0	1,650	3,602	1,721
Finance & Administration Overheads	62,537	38,727	49,390	69,883	70,246	58,144	52,455	39,815	34,970	56,170	44,688	69,378	619,662	170,236
Vehicle & Eq. Fuel	17,854	13,402	15,892	16,338	11,216	10,511	24,804	17,424	13,600	12,698	8,928	11,732	180,871	33,359
CPUC Power Usage (incl. in O&M from Oct 15)	12,231	11,954	12,616	12,285	13,443	15,005	13,736	14,233	13,266	15,329	14,016	12,583	157,143	41,928
Training	0	608	0	0	0	653	0	5,340	0	0	0	0	9,601	0
<b>Expense - Total</b>	<b>514,857</b>	<b>461,045</b>	<b>524,109</b>	<b>574,716</b>	<b>564,544</b>	<b>524,571</b>	<b>577,718</b>	<b>553,489</b>	<b>521,388</b>	<b>556,217</b>	<b>529,156</b>	<b>542,538</b>	<b>6,308,899</b>	<b>1,627,910</b>
<b>Operating Income/(Loss)</b>	<b>77,468</b>	<b>93,147</b>	<b>108,550</b>	<b>39,447</b>	<b>100,128</b>	<b>121,731</b>	<b>97,371</b>	<b>123,398</b>	<b>179,401</b>	<b>159,343</b>	<b>167,657</b>	<b>172,511</b>	<b>1,277,743</b>	<b>499,511</b>
<b>Non-Cash Expenses - US\$</b>														
Depreciation	122,291	122,291	122,291	122,291	122,291	122,291	122,291	122,291	122,291	118,520	118,520	118,520	1,467,491	355,559
Interest Expense	5,667	5,667	5,667	5,667	5,667	5,667	5,667	5,667	5,667	5,667	5,667	5,667	68,004	17,001
<b>Non-Cash Expense - Total - US\$</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>127,958</b>	<b>124,187</b>	<b>124,187</b>	<b>124,187</b>	<b>1,535,495</b>	<b>372,560</b>
<b>Income/(Loss) - excluding grant support - US\$</b>	<b>-50,490</b>	<b>-34,811</b>	<b>-19,408</b>	<b>-88,511</b>	<b>-27,830</b>	<b>-6,227</b>	<b>-30,587</b>	<b>-4,560</b>	<b>51,443</b>	<b>35,156</b>	<b>43,471</b>	<b>48,324</b>	<b>-257,752</b>	<b>126,951</b>
<b>Non-operating Income (Grant Support) - US\$</b>	<b>98</b>	<b>10</b>	<b>115,061</b>	<b>89</b>	<b>59</b>	<b>89</b>	<b>300,139</b>	<b>61</b>	<b>64</b>	<b>0</b>	<b>23</b>	<b>31</b>	<b>416,122</b>	<b>54</b>
<b>Income/(Loss) - including grant support - US\$</b>	<b>-50,392</b>	<b>-34,801</b>	<b>95,653</b>	<b>-88,422</b>	<b>-27,772</b>	<b>-6,138</b>	<b>269,552</b>	<b>-4,498</b>	<b>51,507</b>	<b>35,156</b>	<b>43,494</b>	<b>48,355</b>	<b>158,370</b>	<b>127,005</b>

## Financial Table 2 Cash Flow and A/R Report – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019
<b>Cash Flow Report - US\$</b>														
Receipts	557,546	470,120	598,123	632,467	570,529	511,773	900,095	578,614	613,681	568,122	567,676	609,554	6,998,463	1,745,352
Disbursements	673,416	461,494	538,318	516,528	712,577	692,907	974,693	497,138	490,106	400,353	598,191	522,456	7,206,976	1,521,000
Net receipts/Disbursements	-115,870	8,626	59,805	115,940	-142,048	-181,134	-74,598	81,476	123,575	167,769	-30,515	87,098	-208,513	224,352
Cash balance (beginning)	1,203,681	1,087,811	1,096,437	1,156,242	1,272,182	1,130,134	949,000	923,458	1,004,934	1,128,509	1,296,278	1,265,763	1,287,966	245,648
Cash balance (end)	1,087,811	1,096,437	1,156,242	1,272,182	1,130,134	949,000	874,402	1,004,934	1,128,509	1,296,278	1,265,763	1,352,861	1,096,437	1,296,278
<b>Other Financial Data - US\$</b>														
Cash in Hand	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694
Cash in Banks (Bank Overdraft)	1,086,117	1,094,743	1,154,549	1,270,488	1,128,440	947,306	921,765	1,003,240	1,126,815	1,294,584	1,264,069	1,351,167	1,126,815	1,294,584
Stocks	1,057,100	1,098,435	1,090,969	1,025,115	1,086,804	1,189,033	1,197,970	1,237,812	1,150,298	1,174,400	1,304,315	1,336,202	1,150,298	1,174,400
Trade Receivable	468,005	450,112	520,824	512,097	513,715	543,269	524,461	501,070	557,173	540,583	604,738	582,092	557,173	540,583
Prepaid Lease	311,146	309,114	307,083	305,051	303,019	300,988	298,956	296,925	294,893	292,861	290,830	288,798	294,893	292,861
Collateral with Vital Inc.	538,061	549,060	560,517	573,349	586,180	598,096	610,469	622,843	634,300	647,590	649,881	649,881	634,300	647,590
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	786,939	806,922	788,759	893,772	842,597	850,353	748,381	829,741	828,618	937,409	977,121	905,956	828,618	937,409
Loans Payable	4,227,846	4,223,747	4,219,649	4,215,550	4,259,128	4,255,029	4,106,082	4,101,983	4,097,884	4,093,785	4,089,687	4,085,588	4,097,884	4,093,785
<b>Total Accounts Receivable (to date) - US\$</b>														0
Government Power	227,579	199,339	258,831	250,820	271,125	282,790	299,318	297,133	321,533	338,492	391,246	382,595	321,533	338,492
Commercial Power	81,640	80,662	76,819	70,408	34,489	59,523	40,873	12,240	35,477	-13,692	-10,461	-39,122	35,477	-13,692
Residential Power	126,099	131,743	136,012	139,601	142,737	142,930	142,003	142,954	147,884	149,639	155,574	159,235	147,884	149,639
Water	165,595	158,783	156,843	147,447	145,723	130,542	103,493	97,643	89,343	91,005	79,986	77,789	89,343	91,005
Sewer	142,656	155,150	167,883	179,386	195,206	203,048	214,338	226,663	238,500	250,703	263,958	277,158	238,500	250,703
Allowance for Doubtful	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564
<b>Total</b>	<b>468,005</b>	<b>450,112</b>	<b>520,824</b>	<b>512,097</b>	<b>513,715</b>	<b>543,269</b>	<b>524,461</b>	<b>501,070</b>	<b>557,173</b>	<b>540,583</b>	<b>604,738</b>	<b>582,092</b>	<b>557,173</b>	<b>540,583</b>

### Financial Table 3 Power Sales Report – January 2018 to December 2018

Power Sales Report	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019
<b>Power Sales US\$</b>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	72,934	63,670	75,452	73,498	73,803	74,129	73,975	69,063	73,902	78,982	73,888	69,157	857,283	222,027
Government - Pre Paid (Cash Power)	49,664	31,072	46,772	30,113	54,471	43,422	45,305	44,399	38,838	46,381	34,127	50,728	504,164	131,236
Government Streetlights	2,594	2,343	2,594	2,510	2,594	2,510	2,594	2,594	2,546	3,083	2,940	3,083	30,496	9,107
Solar	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	46,311	11,995
Government Scratchcard	28	74	64	56	37	0	0	0	0	0	0	0	584	0
<b>Government Total</b>	<b>129,218</b>	<b>101,158</b>	<b>128,881</b>	<b>110,175</b>	<b>134,903</b>	<b>124,059</b>	<b>125,872</b>	<b>120,054</b>	<b>119,284</b>	<b>132,444</b>	<b>114,954</b>	<b>126,966</b>	<b>1,438,838</b>	<b>374,365</b>
Commercial - Post Paid	214,872	196,741	218,890	221,133	235,177	237,304	246,223	243,928	268,635	250,934	268,716	223,874	2,751,357	743,524
Commercial - Pre Paid (Cashpower)	74,905	72,373	88,704	80,849	89,572	83,873	87,521	83,362	92,268	94,573	92,193	96,160	992,414	282,925
Commercial - Scratchcard	873	697	799	1,096	1,168	0	0	0	0	0	0	0	8,095	0
<b>Commercial Total</b>	<b>290,651</b>	<b>269,811</b>	<b>308,392</b>	<b>303,079</b>	<b>325,918</b>	<b>321,177</b>	<b>333,744</b>	<b>327,290</b>	<b>360,904</b>	<b>345,507</b>	<b>360,909</b>	<b>320,034</b>	<b>3,751,866</b>	<b>1,026,450</b>
Residential - Post Paid	5,689	6,252	6,848	6,335	6,637	4,005	2,302	4,511	8,061	4,820	8,569	7,568	69,808	20,956
Residential - Pre Paid (Cashpower)	111,008	101,320	120,432	119,247	124,215	129,990	134,069	136,455	133,278	151,808	146,347	155,168	1,453,847	453,322
Residential Scratch Card Sales	9,245	8,558	10,075	10,336	11,216	10,945	12,240	12,368	11,758	13,863	13,495	20,857	124,156	48,215
<b>Residential Total</b>	<b>125,941</b>	<b>116,129</b>	<b>137,355</b>	<b>135,917</b>	<b>142,068</b>	<b>144,940</b>	<b>148,611</b>	<b>153,334</b>	<b>153,097</b>	<b>170,490</b>	<b>168,410</b>	<b>183,593</b>	<b>1,647,811</b>	<b>522,493</b>
<b>Trade Power Sales Total</b>	<b>545,809</b>	<b>487,098</b>	<b>574,628</b>	<b>549,171</b>	<b>602,888</b>	<b>590,176</b>	<b>608,227</b>	<b>600,678</b>	<b>633,285</b>	<b>648,441</b>	<b>644,273</b>	<b>630,593</b>	<b>6,838,516</b>	<b>1,923,307</b>
Intercompany - CPUC Office	1,052	1,236	1,353	1,346	1,584	968	1,246	1,258	1,262	1,461	1,294	1,503	14,914	4,258
Intercompany - CPUC Power Operation	2,274	3,662	3,548	4,223	3,313	4,221	5,856	4,138	1,155	3,060	2,733	2,639	38,604	8,432
Intercompany - CPUC Water Operations	5,274	5,341	5,630	5,284	6,191	5,947	6,017	6,247	6,082	5,910	6,332	6,363	62,774	18,604
Intercompany - CPUC Sewer Operations	6,957	6,613	6,986	7,002	7,252	9,058	7,719	7,986	7,184	9,420	7,684	6,220	88,568	23,323
Cash Power UnEamed	-6,594	8,145	645	6,506	-5,327	-3,361	-2,319	679	7,172	-2,371	-10,945	12,262	9,455	-1,053
<b>Total Power Sales - US\$</b>	<b>554,772</b>	<b>512,095</b>	<b>592,791</b>	<b>573,531</b>	<b>615,902</b>	<b>607,009</b>	<b>626,747</b>	<b>620,986</b>	<b>656,139</b>	<b>665,920</b>	<b>651,371</b>	<b>659,579</b>	<b>7,052,831</b>	<b>1,976,871</b>
<b>Power Sales kWh</b>	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	131,990	112,194	133,344	133,282	128,938	130,010	124,632	114,393	123,341	128,300	122,835	114,867	1,531,838	366,002
Government - Pre Paid (Cash Power)	98,305	60,593	90,820	58,860	105,216	81,990	84,888	82,174	69,891	82,440	58,207	88,223	975,797	228,870
Government - Street Lights	10,377	9,372	10,377	10,042	10,377	10,042	10,377	10,377	10,377	10,377	10,377	10,377	122,514	31,131
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	55	144	126	109	72	0	0	0	0	0	0	0	1,160	0
<b>Government Total</b>	<b>240,726</b>	<b>182,303</b>	<b>234,667</b>	<b>202,293</b>	<b>244,603</b>	<b>222,042</b>	<b>219,897</b>	<b>206,944</b>	<b>203,609</b>	<b>221,117</b>	<b>191,419</b>	<b>213,467</b>	<b>2,631,309</b>	<b>626,003</b>
Commercial - Post Paid	455,268	411,038	454,280	460,260	485,944	478,382	492,190	502,928	513,220	470,232	494,277	407,901	5,684,451	1,372,410
Commercial - Pre Paid (Cashpower)	154,379	146,860	179,199	164,461	179,972	164,585	170,374	160,220	172,239	174,360	162,798	173,260	1,995,954	510,419
Commercial Scratchcard	1,801	1,408	1,613	2,230	2,339	0	0	0	0	0	0	0	16,680	0
<b>Commercial Total</b>	<b>611,449</b>	<b>559,306</b>	<b>635,092</b>	<b>626,952</b>	<b>668,256</b>	<b>642,968</b>	<b>662,564</b>	<b>663,148</b>	<b>685,459</b>	<b>644,592</b>	<b>657,075</b>	<b>581,161</b>	<b>7,697,085</b>	<b>1,882,829</b>
Residential - Post Paid	12,414	13,499	14,757	13,722	14,119	8,460	4,693	9,168	15,876	9,408	16,193	14,025	149,898	39,626
Residential - Pre Paid (Cashpower)	243,919	218,975	259,049	258,389	265,644	270,981	277,232	278,365	263,604	296,326	272,933	295,614	3,109,297	864,873
Residential Scratch Card Sales	20,312	18,457	21,602	22,371	23,971	22,757	25,147	25,233	23,185	24,966	31,292	39,434	264,699	95,692
<b>Residential Total</b>	<b>276,645</b>	<b>250,931</b>	<b>295,408</b>	<b>294,483</b>	<b>303,734</b>	<b>302,199</b>	<b>307,072</b>	<b>312,766</b>	<b>302,665</b>	<b>330,700</b>	<b>320,418</b>	<b>349,072</b>	<b>3,523,893</b>	<b>1,000,190</b>
<b>Trade Power Sales Total</b>	<b>1,128,820</b>	<b>992,540</b>	<b>1,165,166</b>	<b>1,123,728</b>	<b>1,216,593</b>	<b>1,167,208</b>	<b>1,189,532</b>	<b>1,182,858</b>	<b>1,191,733</b>	<b>1,196,409</b>	<b>1,168,912</b>	<b>1,143,700</b>	<b>13,852,288</b>	<b>3,509,021</b>
Intercompany - CPUC Office	4,174	4,905	5,371	5,341	6,287	3,840	4,944	4,992	4,582	5,797	5,135	5,963	58,756	16,895
Intercompany - CPUC Power Operation	9,022	14,533	14,080	16,756	13,148	16,749	23,240	16,422	5,009	12,142	10,845	10,472	153,619	33,459
Intercompany - CPUC Water Operations	20,929	21,194	22,342	20,967	24,568	23,600	23,876	24,789	24,134	23,451	25,126	25,250	272,124	73,827
Intercompany - CPUC Sewer Operations	27,608	26,243	27,721	27,784	28,777	35,943	30,632	31,690	28,507	37,380	30,492	24,681	351,460	92,553
Cash Power Unearned (accrual)	-12,394	18,562	1,783	12,607	-9,657	-6,799	-581	2,115	16,509	-1,558	-17,254	20,020	35,099	1,209
<b>Total Power Sales - kWh</b>	<b>1,178,159</b>	<b>1,077,977</b>	<b>1,236,463</b>	<b>1,207,183</b>	<b>1,279,716</b>	<b>1,240,541</b>	<b>1,271,643</b>	<b>1,262,866</b>	<b>1,270,474</b>	<b>1,273,621</b>	<b>1,223,256</b>	<b>1,230,086</b>	<b>14,723,346</b>	<b>3,726,964</b>

## Financial Table 4 Water Sales Report – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019
<b>Water/Sewer Sales Report</b>														
<b>Water Sales US\$</b>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	4,524	5,175	6,509	4,473	6,285	6,073	4,539	5,030	4,970	5,708	4,836	6,313	64,292	16,856
Commercial	6,453	9,615	8,427	7,950	9,549	7,748	9,437	9,911	10,118	9,379	10,650	11,402	107,226	31,432
Residential	6,703	9,391	8,077	7,195	9,756	8,102	8,380	9,542	8,745	9,409	7,761	10,902	105,891	28,073
Provision for Billing Errors	-515	0	0	0	0	0	0	0	0	0	0	0	-3,693	0
<b>Total</b>	<b>17,166</b>	<b>24,181</b>	<b>23,014</b>	<b>19,618</b>	<b>25,590</b>	<b>21,923</b>	<b>22,356</b>	<b>24,483</b>	<b>23,833</b>	<b>24,496</b>	<b>23,247</b>	<b>28,617</b>	<b>273,716</b>	<b>76,361</b>
<b>Sewer Sales - US\$</b>														
Government	2,155	2,455	3,112	2,159	2,976	2,937	2,057	2,405	2,380	2,739	2,295	3,015	30,340	8,049
Commercial	2,959	4,407	3,731	3,283	6,978	2,994	3,103	3,442	3,051	6,753	8,223	7,211	45,250	22,188
Commercial with No Water	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,705	3,705	0	0	0	44,261	0
Residential	373	590	533	465	643	494	725	733	620	2,712	2,756	2,975	7,167	8,443
Residential with No Water	1,650	1,640	1,672	1,690	1,690	1,660	1,720	2,080	2,080	0	0	0	21,372	0
Provision for Billing Errors	-20	-284	0	0	0	0	0	0	0	0	0	0	-3,057	0
<b>Sewer Sales</b>	<b>10,802</b>	<b>12,495</b>	<b>12,733</b>	<b>11,282</b>	<b>15,973</b>	<b>11,771</b>	<b>11,289</b>	<b>12,366</b>	<b>11,836</b>	<b>12,204</b>	<b>13,274</b>	<b>13,201</b>	<b>145,333</b>	<b>38,679</b>
<b>Total Water &amp; Sewer Sales</b>	<b>27,968</b>	<b>36,676</b>	<b>35,747</b>	<b>30,900</b>	<b>41,563</b>	<b>33,693</b>	<b>33,645</b>	<b>36,849</b>	<b>35,669</b>	<b>36,700</b>	<b>36,522</b>	<b>41,818</b>	<b>419,049</b>	<b>115,040</b>
<b>Water Sales - Gallons</b>														
Government	926,840	1,060,550	1,325,570	1,024,000	1,284,200	1,235,380	929,270	1,027,400	1,020,140	1,163,478	989,349	1,289,270	13,253,730	3,442,097
Commercial	1,356,500	2,021,732	1,755,524	1,412,626	1,959,536	1,600,245	1,987,310	2,059,220	2,059,130	1,959,674	2,220,194	2,354,520	22,148,259	6,534,388
Residential	2,496,370	3,531,293	3,060,852	2,844,630	3,612,323	3,059,913	3,466,640	3,533,960	3,275,420	3,533,710	3,227,530	4,021,600	39,930,226	10,782,840
Water Delivery & Bunkering	25,000	0	0	0	0	0	0	0	0	0	0	0	49,325	0
<b>Total</b>	<b>4,804,710</b>	<b>6,613,575</b>	<b>6,141,946</b>	<b>5,281,256</b>	<b>6,856,059</b>	<b>5,895,538</b>	<b>6,383,220</b>	<b>6,620,580</b>	<b>6,354,690</b>	<b>6,656,862</b>	<b>6,437,073</b>	<b>7,665,390</b>	<b>75,381,540</b>	<b>20,759,325</b>

## Financial Table 5 Key Performance Indicators – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019
<b>1a. Non Revenue Power</b>	<b>16.3%</b>	<b>16.9%</b>	<b>16.0%</b>	<b>19.1%</b>	<b>16.0%</b>	<b>12.9%</b>	<b>15.2%</b>	<b>13.9%</b>	<b>12.5%</b>	<b>16.2%</b>	<b>15.5%</b>	<b>15.3%</b>	<b>15.6%</b>	<b>15.7%</b>
Total Power Generated - kWh	1,407,441	1,297,049	1,471,675	1,491,555	1,523,181	1,423,809	1,499,092	1,467,018	1,451,201	1,519,270	1,447,320	1,451,890	17,441,330	4,418,480
Total Power Billed - kWh	1,178,159	1,077,977	1,236,463	1,207,183	1,279,716	1,240,541	1,271,643	1,262,866	1,270,474	1,273,621	1,223,256	1,230,086	14,723,346	3,726,964
Generation Loss (actual from Jun 17)	13,196	19,438	19,451	22,097	19,348	20,589	28,184	21,414	9,591	17,939	15,980	16,435	212,248	50,354
Distribution Loss Derived - kWh	180,899	167,208	178,969	224,987	186,037	127,084	161,788	146,062	134,856	189,728	171,901	169,072	2,069,703	530,700
Commercial Loss (assumed 2.5%) - kWh	35,186	32,426	36,792	37,289	38,080	35,595	37,477	36,675	36,280	37,982	36,183	36,297	436,033	110,462
Total Loss - kWh	229,281	219,072	235,212	284,372	243,465	183,268	227,449	204,152	180,727	245,648	224,064	221,804	2,717,984	691,516
Distribution loss %	12.9%	12.9%	12.2%	15.1%	12.2%	8.9%	10.8%	10.0%	9.3%	12.5%	11.9%	11.6%	11.9%	12.0%
<b>1b. Non Revenue Water</b>	<b>76.5%</b>	<b>68.2%</b>	<b>70.5%</b>	<b>76.4%</b>	<b>69.0%</b>	<b>75.3%</b>	<b>72.2%</b>	<b>71.3%</b>	<b>71.7%</b>	<b>71.5%</b>	<b>74.9%</b>	<b>68.1%</b>	<b>71.4%</b>	<b>71.6%</b>
Water Produced (million gallons)	20.45	20.81	20.83	22.34	22.13	23.82	22.98	23.08	22.44	23.32	25.65	24.06	263.4	73
Water Billed (million gallons)	4.80	6.61	6.14	5.28	6.86	5.90	6.38	6.62	6.35	6.66	6.44	7.67	75	21
<b>2. Current ratio</b>	<b>4.00</b>	<b>3.96</b>	<b>4.22</b>	<b>3.78</b>	<b>3.94</b>	<b>3.86</b>	<b>4.35</b>	<b>4.06</b>	<b>4.19</b>	<b>3.90</b>	<b>3.91</b>	<b>4.33</b>	<b>4.06</b>	<b>3.90</b>
	3.77	3.74	3.95	3.59	3.69	3.63	4.12	3.86	3.98	3.69	3.70	4.13	3.84	3.69
	11.53	10.55	12.88	9.42	10.49	9.70	8.44	7.57	7.37	8.69	7.89	7.72	8.46	8.69
	4.87	5.30	6.51	4.95	6.75	6.40	8.11	6.82	8.15	7.90	9.40	8.25	7.46	7.90
<b>3. ROA (excludes other operating income/grant support)</b>	<b>-0.22%</b>	<b>-0.15%</b>	<b>-0.09%</b>	<b>-0.39%</b>	<b>-0.12%</b>	<b>-0.03%</b>	<b>-0.13%</b>	<b>-0.02%</b>	<b>0.22%</b>	<b>0.15%</b>	<b>0.19%</b>	<b>0.21%</b>	<b>-0.01</b>	<b>0.00</b>
Power Business	0.17%	0.15%	0.27%	-0.03%	0.21%	0.33%	0.27%	0.36%	0.64%	0.52%	0.52%	0.55%	0.03	0.01
Water Business	-5.84%	-3.90%	-4.51%	-5.29%	-2.10%	-1.96%	-2.59%	-2.08%	-1.95%	-1.18%	-1.10%	-0.85%	-0.25	-0.01
Sewer Business	-1.07%	-0.89%	-0.98%	-1.22%	-0.99%	-1.03%	-1.14%	-1.07%	-0.96%	-1.01%	-0.86%	-0.98%	-0.13	-0.01
<b>4. Operating ratio</b>	<b>0.87</b>	<b>0.83</b>	<b>0.83</b>	<b>0.94</b>	<b>0.85</b>	<b>0.81</b>	<b>0.86</b>	<b>0.82</b>	<b>0.74</b>	<b>0.78</b>	<b>0.76</b>	<b>0.76</b>	<b>0.83</b>	<b>0.78</b>
Power Business	0.78	0.77	0.77	0.85	0.79	0.75	0.78	0.75	0.69	0.73	0.72	0.72	0.76	0.73
Water Business	1.90	1.26	1.41	1.57	1.38	1.40	1.66	1.44	1.38	1.11	1.06	0.95	1.46	1.11
Sewer Business	3.29	2.38	2.66	3.78	2.21	2.75	3.22	2.79	2.45	2.66	2.06	2.44	2.81	2.66
<b>5. Days in Accounts Receivable</b>	<b>24.90</b>	<b>22.97</b>	<b>25.69</b>	<b>25.42</b>	<b>24.22</b>	<b>25.44</b>	<b>24.62</b>	<b>22.85</b>	<b>24.16</b>	<b>23.08</b>	<b>26.37</b>	<b>24.90</b>	<b>22.45</b>	<b>23.08</b>
Power Business	15.31	13.96	16.13	15.67	14.69	15.91	15.64	14.57	15.96	14.63	17.54	16.04	13.85	14.63
Water Business	188.22	126.26	138.17	151.48	114.90	118.52	91.04	77.19	75.25	73.82	70.91	55.35	77.10	73.82
Sewer Business	257.67	238.76	267.30	320.45	246.58	343.35	373.40	354.78	404.47	408.19	409.81	427.49	337.09	408.19

## Power Table 1 Power Operation Indicators – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019 YTD
<b>Generation Statistics</b>														
Diesel Generation - kWh	1,382,447	1,272,133	1,442,476	1,463,760	1,495,906	1,397,637	1,471,791	1,447,204	1,415,898	1,496,930	1,421,593	1,428,107	17,122,425	4,346,630
Peak Generation - kW	2,556	2,584	2,679	2,895	2,857	2,825	2,767	2,808	2,851	2,906	2,943	2,829	2,941	8,678
Fuel Consumption - Gallons	92,451	83,904	95,999	97,581	100,394	93,863	98,754	97,296	95,293	100,623	95,533	96,308	1,143,186	292,464
Average Fuel Price (\$/Gallon)	3.22	3.34	3.30	3.29	3.40	3.53	3.53	3.50	3.52	3.62	3.63	3.37	3.33	10.62
Load Factor (%)	73%	66%	73%	68%	71%	67%	71%	69%	68%	69%	65%	0%	67%	46%
Capacity Factor (%)	46%	46%	48%	52%	51%	50%	49%	50%	51%	52%	53%	51%	40%	117%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Reserve Plant Margin (%)	205%	202%	191%	169%	173%	176%	182%	178%	174%	168%	165%	176%	165%	168%
<b>Solar PV Generation - kWh</b>														
Solar PV Generation - kWh	24,994	24,916	29,199	27,795	27,275	26,172	27,301	19,814	35,303	22,340	25,727	23,783	318,905	71,850
Solar Generation %	1.8%	1.9%	2.0%	1.9%	1.8%	1.8%	1.8%	1.4%	2.4%	1.5%	1.8%	1.6%	1.8%	1.6%
Peak PV Generation - kW	195	195	228	217	213	204	213	155	276	175	201	186	153	1,367
Avoided Fuel - Gallons	1,671	1,643	1,943	1,853	1,830	1,758	1,832	1,332	2,376	1,502	1,729	1,604	21,293	4,834
Avoided Cost of Fuel - US\$	5,374	5,489	6,413	6,096	6,224	6,205	6,466	4,662	8,373	5,439	6,279	5,405	70,922	17,123
Tons of CO2 avoided	16.9	16.6	19.6	18.7	18.5	17.8	18.5	13.5	24.0	15.2	17.5	16.2	215.1	48.8
<b>Labour Productivity (kWh/Emp/d)</b>														
Labour Productivity (kWh/Emp/d)	1,543	1,420	1,610	1,634	1,670	1,560	1,643	1,615	1,580	1,671	1,587	1,594	1,466	1,476
<b>SFOC (kWh/gal)</b>														
SFOC (kWh/gal)	14.95	15.16	15.03	15.00	14.90	14.89	14.90	14.87	14.86	14.88	14.88	14.83	14.98	14.86
DG1 - GE 1.8	15.60	16.03	15.28	15.56	15.42	15.39	15.38	14.87	15.11	15.00	15.00	14.93	15.36	14.97
DG2 - GE 1.8	13.91	15.02	15.04	12.96	0.00	0.00	15.09	14.96	15.20	15.15	14.98	14.85	15.01	14.99
DG3 - CAT 1.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DG4 - CAT 1.3	14.58	12.69	14.58	14.27	14.32	14.23	14.26	13.70	0.00	0.00	0.00	0.00	14.24	0.00
DG5 - CAT 1.3	14.53	14.01	14.73	14.26	14.35	14.42	13.09	13.90	13.02	13.83	13.72	12.93	14.09	13.68
<b>SLOC (kWh/gal)</b>														
SLOC (kWh/gal)	7,900	3,270	5,657	7,071	3,649	6,353	3,803	2,548	2,216	5,780	1,932	4,698	3,747	3,346
DG1 - GE 1.8	7,981	2,301	5,535	8,436	3,340	6,954	4,471	1,326	2,856	4,249	1,461	4,304	3,655	2,732
DG2 - GE 1.8	3,494	1,624	0	0	0	0	0	0	0	0	0	0	3,211	3,447
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG5 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forced Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
<b>Distribution</b>														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	24.1%	24.3%	25.2%	27.3%	26.9%	26.6%	26.0%	26.4%	26.8%	27.4%	27.7%	26.6%	27.7%	27.4%
Distribution Losses (%)	7.8%	8.4%	7.5%	10.6%	7.5%	4.4%	6.7%	5.4%	4.0%	7.7%	7.0%	6.8%	85.0%	21.4%
SAIDI (hours/consumer)	0.20	0.18	0.00	0.01	0.05	0.10	0.04	0.01	0.22	0.07	0.09	0.00	2.94	0.16
SAIFI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.024	0.004
Average Cost (\$/kWh)	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.22	0.22	0.23

## Power Table 2 Power Generation Statistics – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019 YTD
<b>Generation - Engine Output (kWh)</b>														
DG1 - GE 1.8	750,222	814,476	885,536	868,903	801,572	764,918	769,020	613,939	456,999	599,140	526,088	667,180	8,772,077	1,792,408
DG2 - GE 1.8	283,005	56,835	9,924	5,797	0	0	447,921	776,739	781,727	706,479	786,323	723,362	4,466,850	2,216,164
DG3 - CAT 1.6	0	0	0	0	0	0	0	663	0	3,050	0	0	663	3,050
DG4 - CAT 1.3	109,864	97,070	333,831	392,170	226,753	294,660	64,518	483	0	0	0	0	1,632,075	0
DG5 - CAT 1.3	239,356	303,752	213,185	196,890	467,581	338,059	190,332	55,380	177,172	188,261	109,182	37,565	2,250,760	335,008
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diesel Generation Total (kWh)</b>	<b>1,382,447</b>	<b>1,272,133</b>	<b>1,442,476</b>	<b>1,463,760</b>	<b>1,495,906</b>	<b>1,397,637</b>	<b>1,471,791</b>	<b>1,447,204</b>	<b>1,415,898</b>	<b>1,496,930</b>	<b>1,421,593</b>	<b>1,428,107</b>	<b>17,122,425</b>	<b>4,346,630</b>
Airport Solar Panel	6,249	6,857	5,060	6,227	4,803	5,322	4,761	4,605	5,975	6,816	6,629	6,749	69,699	20,194
High School Solar Grid Connect	18,745	18,059	24,139	21,568	22,472	20,850	22,540	15,209	29,328	15,524	19,098	17,034	249,206	51,656
<b>Solar PV Generation Total (kWh)</b>	<b>24,994</b>	<b>24,916</b>	<b>29,199</b>	<b>27,795</b>	<b>27,275</b>	<b>26,172</b>	<b>27,301</b>	<b>19,814</b>	<b>35,303</b>	<b>22,340</b>	<b>25,727</b>	<b>23,783</b>	<b>318,905</b>	<b>71,850</b>
<b>Total Generation (kWh)</b>	<b>1,407,441</b>	<b>1,297,049</b>	<b>1,471,675</b>	<b>1,491,555</b>	<b>1,523,181</b>	<b>1,423,809</b>	<b>1,499,092</b>	<b>1,467,018</b>	<b>1,451,201</b>	<b>1,519,270</b>	<b>1,447,320</b>	<b>1,451,890</b>	<b>17,441,330</b>	<b>4,418,480</b>
<b>Maximum Demand (kW)</b>	<b>2,556</b>	<b>2,584</b>	<b>2,679</b>	<b>2,895</b>	<b>2,857</b>	<b>2,825</b>	<b>2,767</b>	<b>2,808</b>	<b>2,851</b>	<b>2,906</b>	<b>2,943</b>	<b>2,829</b>	<b>2,941</b>	<b>2,906</b>
<b>Engine Rating kW (at 0.8 PF)</b>														
DG1 - GE 1.8	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG2 - GE 1.8	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG3 - CAT 1.6	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
DG4 - CAT 1.3	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
DG5 - CAT 1.3	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
CAT #3 - Retired May 2017	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
<b>Station Services (kWh)</b>	<b>9,022</b>	<b>14,533</b>	<b>14,080</b>	<b>16,756</b>	<b>13,148</b>	<b>16,749</b>	<b>23,240</b>	<b>16,422</b>	<b>5,009</b>	<b>12,142</b>	<b>10,845</b>	<b>10,472</b>	<b>153,619</b>	<b>33,459</b>
<b>Running Hours</b>														
DG1 - GE 1.8	599	638	689	681	665	639	711	611	482	545	499	652	7,588	1,696
DG2 - GE 1.8	256	50	10	7	0	0	432	711	705	622	705	680	4,073	2,007
DG3 - CAT 1.6	0	0	0	0	0	0	0	2	0	7	0	0	2	7
DG4 - CAT 1.3	127	180	353	459	278	385	115	3	0	0	0	0	2,064	0
DG5 - CAT 1.3	316	395	256	237	553	437	269	87	302	253	182	56	2,960	491
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Hours</b>	<b>1,298</b>	<b>1,263</b>	<b>1,308</b>	<b>1,384</b>	<b>1,496</b>	<b>1,461</b>	<b>1,527</b>	<b>1,414</b>	<b>1,489</b>	<b>1,427</b>	<b>1,386</b>	<b>1,388</b>	<b>16,687</b>	<b>4,201</b>



### Power Table 3 Fuel & Lube Oil Statistics – January 2018 to December 2018

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019 YTD
<b>Fuel Consumption (Gallons)</b>														
DG1 - GE 1.8	48,096	50,796	57,966	55,846	51,967	49,717	50,005	41,289	30,252	39,939	35,076	44,685	571,208	119,700
DG2 - GE 1.8	20,343	3,785	660	447	0	0	29,682	51,936	51,437	46,617	52,498	48,718	297,646	147,833
DG3 - CAT 1.6	0	0	0	0	0	0	0	51	0	450	0	0	51	450
DG4 - CAT 1.3	7,537	7,649	22,899	27,483	15,839	20,709	4,525	35	0	0	0	0	114,582	0
DG5 - CAT 1.3	16,475	21,674	14,474	13,805	32,588	23,437	14,542	3,985	13,604	13,616	7,960	2,905	159,700	24,481
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Fuel Consumption (Gals)</b>	<b>92,451</b>	<b>83,904</b>	<b>95,999</b>	<b>97,581</b>	<b>100,394</b>	<b>93,863</b>	<b>98,754</b>	<b>97,296</b>	<b>95,293</b>	<b>100,623</b>	<b>95,533</b>	<b>96,308</b>	<b>1,143,186</b>	<b>292,464</b>
<b>Average Fuel Price (\$/Gallon)</b>	<b>3.22</b>	<b>3.34</b>	<b>3.30</b>	<b>3.29</b>	<b>3.40</b>	<b>3.53</b>	<b>3.53</b>	<b>3.50</b>	<b>3.52</b>	<b>3.62</b>	<b>3.63</b>	<b>3.37</b>	<b>3.33</b>	<b>3.54</b>
<b>Lube Oil Consumption (Gallons)</b>														
DG1 - GE 1.8	94	89	160	103	0	110	172	198	0	0	265	0	1,258	265
DG2 - GE 1.8	81	35	0	0	0	0	25	105	265	0	265	0	823	265
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	0	0	0	0	10	0	0	0	0	0	0	25	0
DG5 - CAT 1.3	0	0	0	9	0	5	0	0	95	0	0	0	109	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total LO Consumption (Gals)</b>	<b>175</b>	<b>124</b>	<b>160</b>	<b>112</b>	<b>0</b>	<b>125</b>	<b>197</b>	<b>303</b>	<b>360</b>	<b>0</b>	<b>530</b>	<b>0</b>	<b>2,215</b>	<b>530</b>
<b>Oil Change Log (75 Gal/Change)</b>														
DG1 - GE 1.8	0	265	0	0	240	0	0	265	160	141	95	155	1,142	391
DG2 - GE 1.8	0	0	0	0	0	0	0	0	119	118	111	149	568	378
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	0	0	0	95	0	95	0	0	0	0	0	190	0
DG5 - CAT 1.3	0	0	95	95	75	95	95	0	0	0	0	0	455	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Oil Change Volume(Gals)</b>	<b>0</b>	<b>265</b>	<b>95</b>	<b>95</b>	<b>410</b>	<b>95</b>	<b>190</b>	<b>265</b>	<b>279</b>	<b>259</b>	<b>206</b>	<b>304</b>	<b>2,355</b>	<b>769</b>

**Power Table 4 Distribution Feeder Statistics January 2018 to December 2018**

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	2018 YTD	2019 YTD
Feeder 1 Load	373,740	337,024	390,261	392,615	408,635	388,111	397,981	388,731	387,602	393,189	378,169	368,423	4,606,622	1,139,781
Feeder 2 Load	123,941	111,784	126,393	127,629	124,573	112,270	117,490	115,156	122,494	128,796	123,570	125,549	1,455,155	377,915
Feeder 3 Load	414,923	383,908	429,225	412,167	418,084	412,284	439,104	430,116	422,751	454,583	435,762	439,710	5,114,975	1,330,055
Feeder 4 Load	376,959	349,067	390,147	378,916	386,126	341,765	357,225	348,312	345,868	363,327	332,911	343,791	4,464,146	1,040,029
Feeder 5 Load	104,682	95,828	116,198	158,131	166,415	148,790	159,108	163,289	162,895	161,436	160,928	157,982	1,588,184	480,346
<b>Total Feeder Load (kWh)</b>	<b>1,394,245</b>	<b>1,277,611</b>	<b>1,452,224</b>	<b>1,469,458</b>	<b>1,503,833</b>	<b>1,403,220</b>	<b>1,470,908</b>	<b>1,445,604</b>	<b>1,441,610</b>	<b>1,501,331</b>	<b>1,431,340</b>	<b>1,435,455</b>	<b>17,229,082</b>	<b>2,932,671</b>
													0	0
Feeder 1 Sales	333,252	284,561	348,192	319,342	352,439	335,551	342,521	327,785	320,046	346,801	316,668	343,035	3,961,355	1,006,504
Feeder 2 Sales	99,911	83,640	107,841	92,865	103,815	89,614	88,833	97,025	103,912	95,219	103,615	109,677	1,170,347	308,511
Feeder 3 Sales	359,044	337,654	363,674	339,801	358,328	368,224	358,796	347,271	381,846	371,324	362,552	341,229	4,399,688	1,075,105
Feeder 4 Sales	302,898	280,154	313,757	305,017	309,036	306,649	325,758	336,350	316,697	322,152	300,896	299,126	3,766,831	922,174
Feeder 5 Sales	74,360	73,870	82,994	130,183	137,661	124,197	127,795	135,897	142,532	129,824	138,109	120,489	1,260,670	388,421
<b>Total Feeder Sales (kWh)</b>	<b>1,169,466</b>	<b>1,059,880</b>	<b>1,216,458</b>	<b>1,187,208</b>	<b>1,261,279</b>	<b>1,224,236</b>	<b>1,243,703</b>	<b>1,244,328</b>	<b>1,265,033</b>	<b>1,265,320</b>	<b>1,221,840</b>	<b>0</b>	<b>14,558,891</b>	<b>2,487,161</b>
Feeder 1 Loss - kWh	40,488	52,463	42,069	73,273	56,196	52,560	55,460	60,946	67,556	46,388	61,501	25,388	645,267	133,277
Feeder 2 Loss - kWh	24,030	28,144	18,552	34,764	20,758	22,656	28,657	18,131	18,582	33,577	19,955	15,872	284,808	69,404
Feeder 3 Loss - kWh	55,879	46,254	65,551	72,366	59,756	44,060	80,308	82,845	40,905	83,259	73,210	98,481	715,287	254,950
Feeder 4 Loss - kWh	74,061	68,913	76,390	73,899	77,090	35,116	31,467	11,962	29,171	41,174	32,015	44,665	697,315	117,855
Feeder 5 Loss - kWh	30,322	21,958	33,204	27,948	28,754	24,593	31,313	27,392	20,363	31,612	22,819	37,493	327,514	91,925
<b>Total Feeder Loss - kWh</b>	<b>224,779</b>	<b>217,731</b>	<b>235,766</b>	<b>282,250</b>	<b>242,553</b>	<b>178,984</b>	<b>227,205</b>	<b>201,276</b>	<b>176,577</b>	<b>236,010</b>	<b>209,500</b>	<b>0</b>	<b>2,670,191</b>	<b>445,510</b>
Feeder 1 Loss - %	10.8%	15.6%	10.8%	18.7%	13.8%	13.5%	13.9%	15.7%	17.4%	11.8%	16.3%	6.9%	14.0%	11.7%
Feeder 2 Loss - %	19.4%	25.2%	14.7%	27.2%	16.7%	20.2%	24.4%	15.7%	15.2%	26.1%	16.1%	12.6%	19.6%	18.4%
Feeder 3 Loss - %	13.5%	12.0%	15.3%	17.6%	14.3%	10.7%	18.3%	19.3%	9.7%	18.3%	16.8%	22.4%	14.0%	19.2%
Feeder 4 Loss - %	19.6%	19.7%	19.6%	19.5%	20.0%	10.3%	8.8%	3.4%	8.4%	11.3%	9.6%	13.0%	15.6%	11.3%
Feeder 5 Loss - %	29.0%	22.9%	28.6%	17.7%	17.3%	16.5%	19.7%	16.8%	12.5%	19.6%	14.2%	23.7%	20.6%	19.1%
<b>Total Feeder Loss - %</b>	<b>16.1%</b>	<b>17.0%</b>	<b>16.2%</b>	<b>19.2%</b>	<b>16.1%</b>	<b>12.8%</b>	<b>15.4%</b>	<b>13.9%</b>	<b>12.2%</b>	<b>15.7%</b>	<b>14.6%</b>	<b>#DIV/0!</b>	<b>15.5%</b>	<b>15.2%</b>

**Power Table 5 Customer Energy Use By Category and By Feeder - December 2018**

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	323	1,500	5,993
F02	230	2,827	1,478
F03	254	3,395	239
F04	225	2,919	4,257
F05	117	3,349	1,136
<b>Total</b>	<b>230</b>	<b>2,798</b>	<b>2,621</b>

**Power Table 6 Power Distribution Statistics – January 2018 to December 2018**

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019 YTD
<b>Number of Outages (Frequency)</b>														
Forced - Generation	0	0	0	1	1	1	1	1	0	0	0	0	5	0
Planned - Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Number of Outages (Gen)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>
Forced - Distribution	1	0	0	5	5	5	5	5	1	4	2	0	29	6
Feeder 1	0	0	0	1	1	1	1	1	0	0	0	0	5	0
Feeder 2	1	0	0	1	1	1	1	1	0	0	0	0	6	0
Feeder 3	0	0	0	1	1	1	1	1	0	0	0	0	5	0
Feeder 4	0	0	0	1	1	1	1	1	1	1	1	0	6	2
Feeder 5	0	0	0	1	1	1	1	1	0	3	1	0	7	4
Planned - Distribution	0	1	0	0	0	1	0	0	1	0	0	0	10	0
Feeder 1	0	1	0	0	0	0	0	0	0	0	0	0	2	0
Feeder 2	0	0	0	0	0	0	0	0	1	0	0	0	6	0
Feeder 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feeder 4	0	0	0	0	0	1	0	0	0	0	0	0	2	0
Feeder 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Number of Outages (Dist)</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>39</b>	<b>6</b>

**Power Table 7 Power Outage Statistics – January 2018 to December 2018**

	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	FY2018	FY2019 YTD
<b>Duration of Outages (Hrs)</b>														
Forced - Generation	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0
Planned - Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Duration Gen Outage (Hrs)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>
Forced - Distribution	5.5	0.0	0.0	0.3	1.4	0.5	1.0	0.3	1.1	2.0	2.5	0.0	40.3	4.5
Feeder 1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.5	0.0
Feeder 2	5.5	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	7.9	0.0
Feeder 3	0.0	0.0	0.0	0.1	0.6	0.1	0.2	0.1	0.0	0.0	0.0	0.0	1.0	0.0
Feeder 4	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	1.1	0.1	0.3	0.0	1.6	0.4
Feeder 5	0.0	0.0	0.0	0.1	0.5	0.1	0.2	0.1	0.0	1.9	2.2	0.0	29.3	4.1
Planned - Distribution	0.0	5.0	0.0	0.0	0.0	2.3	0.0	0.0	5.0	0.0	0.0	0.0	39.8	0.0
Feeder 1	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0
Feeder 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	27.4	0.0
Feeder 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 4	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0
Feeder 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Duration Dist Outage (Hrs)</b>	<b>5.5</b>	<b>5.0</b>	<b>0.0</b>	<b>0.3</b>	<b>1.4</b>	<b>2.8</b>	<b>1.0</b>	<b>0.3</b>	<b>6.1</b>	<b>2.0</b>	<b>2.5</b>	<b>0.0</b>	<b>80.1</b>	<b>4.5</b>

## Water Table 1 Water Production & Sales Data Statistics – January 2018 to December 2018

COMPANY WIDE DATA	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	FY2019
<b>Water Production (Millions)</b>													
WTP Production	1,487,200	349,600	300,800	583,300	2,468,300	1,481,700	1,594,000	833,100	580,100	1,727,500	2,053,700	1,900,500	5,681,700
Pink Apartment Volume start of Month	798,000	763,800	763,800	530,000	425,000	558,600	404,700	450,300	518,700	518,700	581,400	582,000	1,682,100
Pink Apartment Volume end of Month	763,800	1,105,400	1,105,400	425,000	558,600	404,700	450,300	518,700	518,700	581,400	582,000	582,000	1,745,400
Pink Apartment Vol in to Supply/(Storage)	34,200	-341,600	-341,600	105,000	-133,600	153,900	-45,600	-68,400	0	-62,700	-600	0	-63,300
Tankered volume for billing	8,000	8,000	8,000	0	26,500	26,500	12,000	12,000	12,000	0	0	0	0
Well Production (into supply)	18,933,800	20,814,200	20,877,200	21,912,700	19,821,100	21,912,700	21,439,900	22,322,700	21,873,000	21,656,400	23,599,000	22,162,684	67,418,084
Volume into network	<b>20,447,200</b>	<b>20,814,200</b>	<b>20,828,400</b>	<b>22,601,000</b>	<b>22,129,300</b>	<b>23,521,800</b>	<b>22,976,300</b>	<b>23,075,400</b>	<b>22,441,100</b>	<b>23,321,200</b>	<b>25,652,100</b>	<b>24,063,184</b>	<b>73,036,484</b>
<b>Water Volume Bill (Millions)</b>													
Commercial	1,257,940	1,401,826	1,449,674	1,412,626	1,711,186	1,458,732	1,508,790	1,702,780	1,651,810	1,667,764	2,141,584	1,759,840	5,569,189
Government (excludes hospital)	705,700	1,017,940	906,780	529,200	884,820	829,540	526,220	293,630	385,370	471,488	431,839	626,300	1,529,627
Government Hospital	498,300	508,900	677,900	494,800	548,600	589,600	513,100	715,600	650,600	679,500	598,200	643,300	1,921,000
Residential	2,317,770	3,684,909	3,107,592	2,844,630	3,711,453	3,017,666	3,835,110	3,898,610	3,696,910	3,838,110	2,986,070	4,364,060	11,188,240
Water Delivery and Bunkering	25,000	0	0	0	0	0	0	0	0	0	0	0	0
Water Adjustment													0
<b>Total</b>	<b>4,804,710</b>	<b>6,613,575</b>	<b>6,141,946</b>	<b>5,281,256</b>	<b>6,856,059</b>	<b>5,895,538</b>	<b>6,383,220</b>	<b>6,610,620</b>	<b>6,384,690</b>	<b>6,656,862</b>	<b>6,157,693</b>	<b>7,393,500</b>	<b>20,208,056</b>
<b>NRW</b>													
Volume	15,642,490	14,200,625	14,686,454	17,319,744	15,273,241	17,626,262	16,593,080	16,464,780	16,056,410	16,664,338	19,494,407	16,669,684	52,828,428
Percentage	76.5%	68.2%	70.5%	76.6%	69.0%	74.9%	72.2%	71.4%	71.5%	71.5%	76.0%	69.3%	72.3%
<b>Invoiced Water Val (USD)</b>													
Water Delivery and Bunkering													0
Commercial	\$6,556	\$9,812	\$8,474	\$8,010	\$9,550	\$7,748	\$9,578	\$9,958	\$10,159	\$9,438	\$10,685	\$11,474	\$31,597
Government (includes hospital)	\$4,524	\$5,175	\$6,509	\$4,473	\$6,285	\$6,073	\$4,539	\$4,419	\$4,452	\$5,708	\$4,836	\$6,314	\$16,857
Residential	\$6,703	\$9,391	\$8,077	\$7,195	\$9,756	\$8,294	\$9,281	\$9,538	\$8,745	\$9,409	\$8,480	\$11,186	\$29,074
<b>Total</b>	<b>\$17,784</b>	<b>\$24,378</b>	<b>\$23,060</b>	<b>\$19,678</b>	<b>\$25,591</b>	<b>\$22,115</b>	<b>\$23,398</b>	<b>\$23,915</b>	<b>\$23,356</b>	<b>\$24,554</b>	<b>\$24,000</b>	<b>\$28,974</b>	<b>\$77,528</b>
<b>Sewer Charge (USD)</b>													
Commercial	\$2,959	\$4,408	\$3,731	\$3,283	\$3,293	\$2,994	\$3,204	\$3,442	\$3,342	\$3,068	\$4,538	\$3,526	\$11,132
Commercial - w/o water	\$3,685	\$3,685	\$3,685	\$3,685	\$3,685	\$3,685	\$3,685	\$3,705	\$3,705	\$3,685	\$3,685	\$0	\$7,370
Government	\$2,155	\$2,455	\$3,112	\$2,159	\$2,976	\$2,937	\$2,057	\$2,405	\$2,380	\$2,739	\$2,295	\$3,015	\$8,049
Residential	\$373	\$590	\$579	\$465	\$643	\$588	\$740	\$733	\$630	\$642	\$693	\$1,005	\$2,340
Residential w/o water	\$1,650	\$1,640	\$1,675	\$1,690	\$1,690	\$1,660	\$1,720	\$2,089	\$2,076	\$2,070	\$2,060	\$1,990	\$6,120
<b>Total</b>	<b>\$10,822</b>	<b>\$12,779</b>	<b>\$12,782</b>	<b>\$11,282</b>	<b>\$12,287</b>	<b>\$11,864</b>	<b>\$11,405</b>	<b>\$12,375</b>	<b>\$12,133</b>	<b>\$12,204</b>	<b>\$13,271</b>	<b>\$9,536</b>	<b>\$35,011</b>

## Water Table 2 Water/Sewer Connection Data – January 2018 to December 2018

COMPANY WIDE DATA	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	FY2019
<b>Water Connection Data (No. of Connections)</b>								<b>470</b>	<b>473</b>	<b>481</b>	<b>481</b>	<b>478</b>	<b>478</b>
Commercial - Billed	79	83	83	82	82	82	79	78	79	76	77	76	76
Commercial - Disconnected	2	0	0	1	1	1	4	5	5	8	8	8	8
Commercial - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Avge Consumption - Gall/conn/mth	15,923	16,889	17,466	17,227	20,868	17,789	19,099	21,831	20,909	21,944	27,813	23,156	73,279
Government - Billed	17	18	18	17	16	15	14	16	15	18	18	14	14
Government - Disconnected	6	5	5	6	7	7	7	8	8	7	7	7	7
Government - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Avge Consumption - Gall/conn/mth	41,512	56,552	50,377	31,129	55,301	55,303	37,587	18,352	25,691	26,194	23,991	44,736	109,259
Hospital - Billed	1	1	1	1	1	1	1	1	1	1	1	1	1
Hospital - Disconnected	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital Avge Consumption - Gall/conn/mth	498,300	508,900	677,900	494,800	548,600	589,600	513,100	715,600	650,600	679,500	598,200	643,300	1,921,000
Residential - Billed	376	382	390	392	395	394	367	375	378	386	385	387	387
Residential - Disconnected	102	98	92	91	91	92	99	96	96	104	104	104	104
Residential - Meter Pulled	93	93	93	93	93	93	93	93	93	93	93	93	93
Residential Avge Consumption - Gall/conn/mth	6,164	9,646	7,968	7,257	9,396	7,659	10,450	10,396	9,780	9,943	7,756	11,277	28,910
<b>Sewer Connection Data (No. of Connections)</b>	<b>440</b>	<b>459</b>	<b>459</b>	<b>460</b>	<b>459</b>	<b>452</b>	<b>476</b>	<b>505</b>	<b>490</b>	<b>505</b>	<b>508</b>	<b>483</b>	<b>483</b>
Commercial Billed	39	45	45	44	43	41	45	43	40	42	47	39	39
Commercial Billed w/o water	53	53	53	53	53	54	54	54	54	54	54	54	54
Government Billed	16	17	17	16	15	15	13	15	14	17	16	13	13
Residential Billed	172	180	180	178	179	180	189	190	181	193	189	180	180
Residential Billed w/o water	160	164	164	169	169	162	175	203	201	199	202	197	197
<b>STP Inflow (MG/month)</b>	<b>14.3</b>	<b>24.0</b>	<b>17.8</b>	<b>18.7</b>	<b>18.1</b>	<b>24.9</b>	<b>16.3</b>	<b>13.0</b>	<b>22.1</b>	<b>24.8</b>	<b>14.4</b>	<b>12.1</b>	<b>51.3</b>
<b>SEWER OVERFLOW W/O's</b>													
North Zone	1	1	3	0	2	3	4	2	1	1	2	1	4
South Zone	3	1	0	6	3	1	1	1	1	1	1	1	3

**Water Table 3 Zonal Water Use Statistics - FY2019**

ZONAL NRW - December 2018					ZONAL NRW - FY2018 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	1,014,500	57,134	957,366	94%	1	3,039,700	197,864	2,841,836	93%
2	19,056,600	4,743,590	14,313,010	75%	2	57,480,500	13,834,229	43,646,271	76%
3	740,984	20,920	720,064	97%	3	2,430,584	64,630	2,365,954	97%
4	897,900	182,560	715,340	80%	4	2,848,700	523,470	2,325,230	82%
5	20,000	0	20,000	100%	5	60,000	0	60,000	100%
6	1,978,700	1,359,310	619,390	31%	6	6,166,200	3,796,890	2,369,310	38%
7	4,000	760,650	-756,650	-18916%	7	12,000	1,068,050	-1,056,050	-8800%
8	350,500	269,350	81,150	23%	8	998,800	722,937	275,863	28%
<b>Total</b>	<b>24,063,184</b>	<b>7,393,514</b>	<b>16,669,670</b>	<b>69.3%</b>	<b>Total</b>	<b>73,036,484</b>	<b>20,208,070</b>	<b>52,828,414</b>	<b>72.3%</b>
ZONAL WATER CONSUMPTION - December 2018					ZONAL WATER CONSUMPTION - FY2018 YTD				
Zone	awge Use - Gallons/Connection/Month				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	0	0	-	4,394	1	1,050	0	-	15,138
2	24,351	36,474	-	8,609	2	78,106	90,438	-	24,130
3	0	0	-	2,989	3	0	0	-	9,233
4	0	0	-	18,256	4	0	0	-	52,347
5	0	0	-	0	5	0	0	-	0
6	12,398	0	643,300	478	6	28,210	0	1,921,000	50,195
7	0	0	-	126,775	7	0	0	-	178,008
8	0	94,305	-	6,867	8	0	222,184	-	24,454
<b>Total</b>	<b>20,909</b>	<b>25,691</b>	<b>650,600</b>	<b>9,780</b>	<b>Total</b>	<b>73,279</b>	<b>109,259</b>	<b>1,921,000</b>	<b>28,910</b>

## Work Order Summary – End December 2018

Work Order Performance December 2018						
Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	0	0	0	0	0	0
INTERNAL POWER	0	0	0	0	0	0
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	0	0	0	0	0	0
POWER	18	73	77	26	69	22
REVENUE	15	76	88	12	81	10
SEWER	0	18	19	6	12	6
WATER	11	69	70	19	66	14
<b>TOTAL ALL WORK ORDERS</b>	<b>44</b>	<b>236</b>	<b>254</b>	<b>63</b>	<b>228</b>	<b>52</b>
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End		
INTERNAL MAINTENANCE	0.0%	0.0%	-	0.0%		
INTERNAL POWER	0.0%	0.0%	-	0.0%		
INTERNAL SEWER	0.0%	0.0%	-	0.0%		
INTERNAL WATER	0.0%	0.0%	-	0.0%		
POWER	40.9%	30.9%	75.8%	42.3%		
REVENUE	34.1%	32.2%	89.0%	19.2%		
SEWER	0.0%	7.6%	66.7%	11.5%		
WATER	25.0%	29.2%	82.5%	26.9%		
<b>TOTAL ALL WORK ORDERS</b>			<b>81.4%</b>			



# Administration Table 1 H&S Statistics – December 2018 & FY 2019



## HEALTH & SAFETY REPORT: FY2018 - December 2018

### 1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	December 2018						YEAR TO DATE - FY2019					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	10	1,654	0	0	0	0	0	4,985	0	0	0	0	0
Maintenance	10	1,087	0	0	0	0	0	2,585	0	0	0	0	0
Power Distribution - Line	23	2,787	0	0	0	0	0	7,566	0	0	0	0	0
Power Distribution - Contractors	0	1,328	0	0	0	0	0	7,118	0	0	0	0	0
Water & Sewer	23	2,195	0	0	0	0	0	5,374	0	0	0	0	0
Water & Sewer Contractors	0	1,411	0	0	0	0	0	5,353	0	0	0	0	0
Fin, Admin, Cust Care	20	2,836	0	0	0	0	0	7,846	0	0	0	0	0
Tonoas Contractors	7	1,468	0	0	0	0	0	1,468	0	0	0	0	0
<b>TOTAL</b>	<b>93</b>	<b>14,766</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42,295</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

708,033

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 2018		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	10	47	0	47
Maintenance	10	43	0	43
Power Distribution - Line	23	177	0	177
Power Distribution - Customer	0	16	0	16
WSS _ Treatment/Prod	23	46	0	46
WSS Networks	0	23	0	23
Finance, Admin Cust Coord	20	218	0	218
Tonoas Contractors	7	0	0	0
<b>TOTAL</b>	<b>86</b>	<b>569</b>	<b>0</b>	<b>569</b>

Year To Date FY2019		
Total Hours Sick	Accident Related	Poor Health
167	0	167
540	0	106
2,002	0	287
16	0	16
935	0	180
64	0	64
2,642	0	507
0	0	0
<b>6,366</b>	<b>0</b>	<b>1,326</b>

Sick Hours as Percentage of Total Hours Worked	3.9%	0.0%	3.9%
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15.1%	0.0%	3.1%
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DEPARTMENT	Number of Staff	December 2018		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	10	2.9%	0.0%	2.9%
Maintenance	10	3.9%	0.0%	3.9%
Power Distribution - Line	23	6.3%	0.0%	6.3%
Power Distribution - Customer	0	1.2%	0.0%	1.2%
WSS _ Treatment/Prod	23	0.0%	0.0%	0.0%
WSS Networks	0	1.6%	0.0%	1.6%
Finance, Admin Cust Coord	20	7.7%	0.0%	7.7%
Tonoas Contractors	7	0.0%	0.0%	0.0%
<b>TOTAL</b>	<b>86</b>	<b>3.9%</b>	<b>0.0%</b>	<b>3.9%</b>

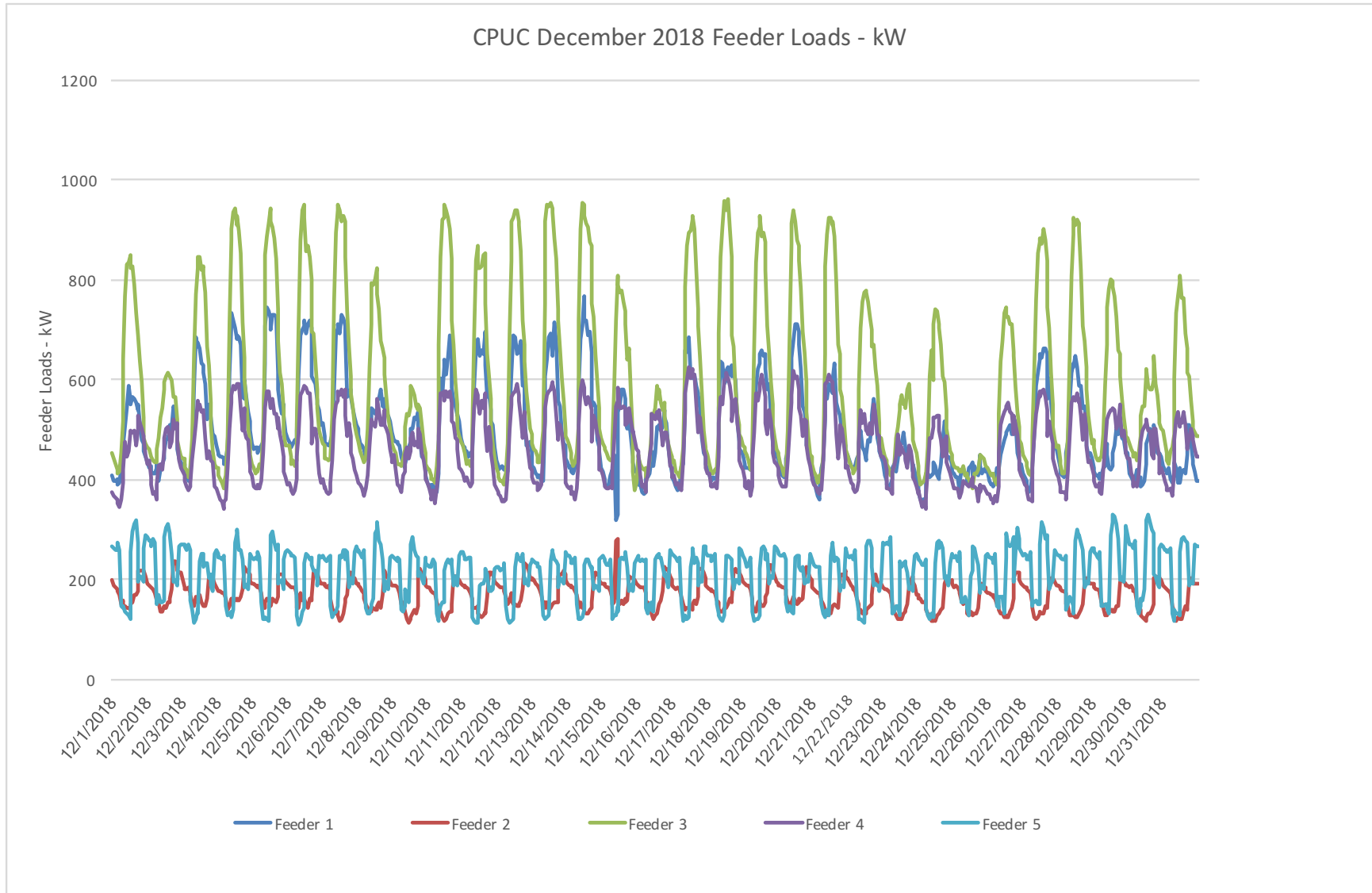
## Administration Table 2 Attendance Summary - December 2018 & FY 2019

DEPARTMENT	December 2018								YEAR TO DATE - FY2019							
	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
		Regular	Overtime						Regular	Overtime						
Power Generation	10	1,502	152	75	47	97	1,873	0	4,535	450	235	167	239	5,626	8	3.0%
Maintenance	10	968	119	83	43	104	1,317	0	2,372	213	201	106	220	3,113	11	3.4%
Power Distribution - Line	23	2,463	324	301	177	210	3,475	0	6,894	671	917	287	742	9,512	0	3.0%
Power Distribution - Contractors	0	1,323	5	0	16	8	1,352	0	7,113	5	0	16	8	7,142	0	0.2%
Water & Sewer	23	2,014	181	221	46	185	2,647	10	5,009	365	583	180	357	6,492	10	2.8%
Water & Sewer Contractors	0	1,411	0	63	23	0	1,497	0	5,353	0	165	64	0	5,582	0	1.1%
Fin, Admin, Cust Care	20	2,675	161	199	218	369	3,621	4	7,416	430	649	507	762	9,763	7	5.2%
Tonoas Contractors	7	1,468	0	0	0	0	1,468	0	1,468	0	0	0	0	1,468	0	0.0%
<b>TOTAL EMPLOYEES</b>	<b>93</b>	<b>13,825</b>	<b>941</b>	<b>943</b>	<b>569</b>	<b>971</b>	<b>17,250</b>	<b>14</b>	<b>40,161</b>	<b>2,134</b>	<b>2,749</b>	<b>1,326</b>	<b>2,328</b>	<b>47,230</b>	<b>36</b>	<b>2.8%</b>
<b>REGULAR STAFF</b>	<b>86</b>	<b>9,622</b>	<b>936</b>	<b>880</b>	<b>530</b>	<b>963</b>	<b>12,932</b>	<b>14</b>	<b>26,227</b>	<b>2,129</b>	<b>2,584</b>	<b>1,246</b>	<b>2,320</b>	<b>34,506</b>	<b>36</b>	
Hours as % of Total Hours Claimed		<b>74.4%</b>	<b>7.2%</b>	<b>6.8%</b>	<b>4.1%</b>	<b>7.4%</b>		<b>0.1%</b>	<b>76.0%</b>	<b>6.2%</b>	<b>7.5%</b>	<b>3.6%</b>	<b>6.7%</b>		<b>0.1%</b>	
<b>CONTRACT STAFF</b>	<b>0</b>	<b>2,734</b>	<b>5</b>	<b>63</b>	<b>39</b>	<b>8</b>	<b>2,849</b>	<b>0</b>	<b>12,466</b>	<b>5</b>	<b>165</b>	<b>80</b>	<b>8</b>	<b>12,724</b>	<b>0</b>	
Hours as % of Total Hours Claimed		<b>96.0%</b>	<b>0.2%</b>	<b>2.2%</b>	<b>1.4%</b>	<b>0.3%</b>		<b>0.0%</b>	<b>98.0%</b>	<b>0.0%</b>	<b>1.3%</b>	<b>0.6%</b>	<b>0.1%</b>		<b>0.0%</b>	

## CAPEX Table 1 Capex Summary Sheet - December 2018

Chuuk Public Utility Corporation Capex Summary Sheet as of December 31, 2018								
	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
FY 2018 Professional management - D18AF00029	266,298	266,298	205,742	60,556	0	212,149	54,149	6,407
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	360,511	360,511	0	389,489	415,000	335,000	54,489
<b>Total</b>	<b>1,016,298</b>	<b>626,809</b>	<b>566,253</b>	<b>60,556</b>	<b>389,489</b>	<b>627,149</b>	<b>389,149</b>	<b>60,896</b>

### Graph Showing Feeder Loads in kW – December 2018



## Graph Showing Generation Output in kW - December 2018

