

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:
FY2019 – March 2019



Issued: 16 April 2019

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Mar-19	FY2019	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Mar-19	FY2019	Mar-19	FY2019
Revenue	690,612	4,107,836	0.561	0.563	0.484	0.480
Variable Costs	324,354	1,983,089	0.264	0.272	0.227	0.232
Fixed Costs	180,679	1,167,038	0.147	0.160	0.127	0.136
Total Expenses	505,033	3,150,128	0.410	0.432	0.354	0.368
Operating result	185,579	957,708	0.151	0.131	0.130	0.112
Power generation	1,426,566	8,555,088				
<i>Diesel</i>	1,400,164	8,402,698				
<i>Solar</i>	26,402	152,390				
<i>Solar PV as % of Total Generation</i>	1.9%	1.8%				
<i>Avoided Cost of Fuel - US\$</i>	5,612	34,039				
<i>Tons of CO2 Avoided</i>	18.1	104.0				
Government Sales	197,647	1,238,964	Feeder	Conns	Sales - kWh	FY2019
Commercial Sales	634,148	3,759,215	F1	480	309,811	1,913,199
Residential Sales	316,678	1,897,316	F2	485	108,059	599,512
Intercompany Sales	67,794	406,923	F3	394	349,196	2,134,532
Sales Accrual	14,106	-3,578	F4	386	301,636	1,809,499
Total Sales	1,230,373	7,298,839	F5	491	126,995	774,152
Power Loss	13.8%	14.7%	Total	2,237	1,195,698	7,230,894
Operating ratio	0.73	0.78	NB - Error on Total and Feeder sales YTD is <1.0%; 17,019 kWh station use is not included			
Water Produced - Gallons	19,787,600	131,803,384				
Water Sold - Gallons	7,789,396	39,712,426				
Non Revenue Water	60.6%	69.9%				

Daily generated output in March was 46,018 kWh/day; 0.2% lower than February. Average daily sales were 39,689 kWh/day; 0.9% higher than February. Total power loss was 13.8%.

Average fuel efficiency for March was 14.8 kWh/gallon – this is improved on February due in large part to improvement of DG5 efficiency.

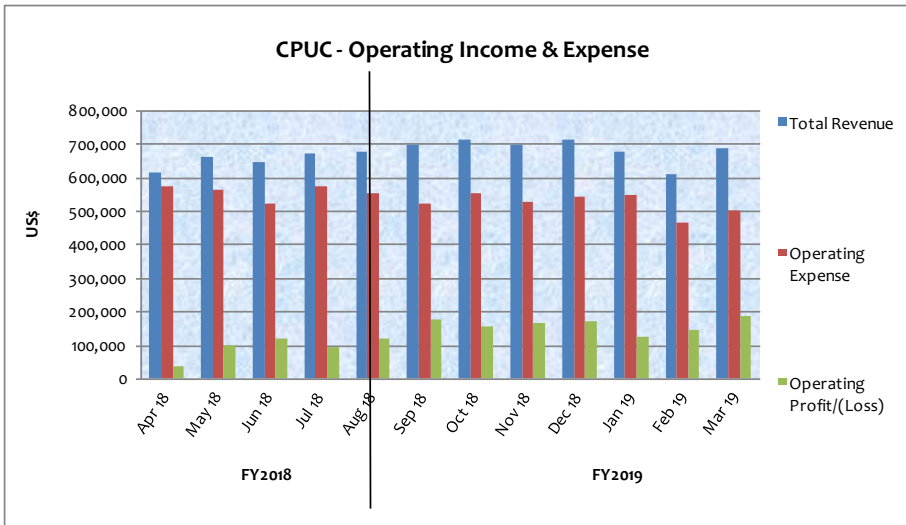
The split of power users for total sales throughout March was as follows:

Government – 16.1%; Commercial – 55.1%; Residential – 25.7%; Intercompany 5.5%; Accrual 1.1%;

Solar PV generation in March was 26,402kWh or 1.9% of total generation. The avoided cost of fuel was US\$5,612 and the amount of Carbon Dioxide avoided was 18.1 tons.

From a commercial perspective the operating result for March 2019 was US\$185579 with an operating ratio of 0.73; YTD US\$ 957,708 and 0.78 respectively.

1 FINANCIAL PERFORMANCE GRAPHS

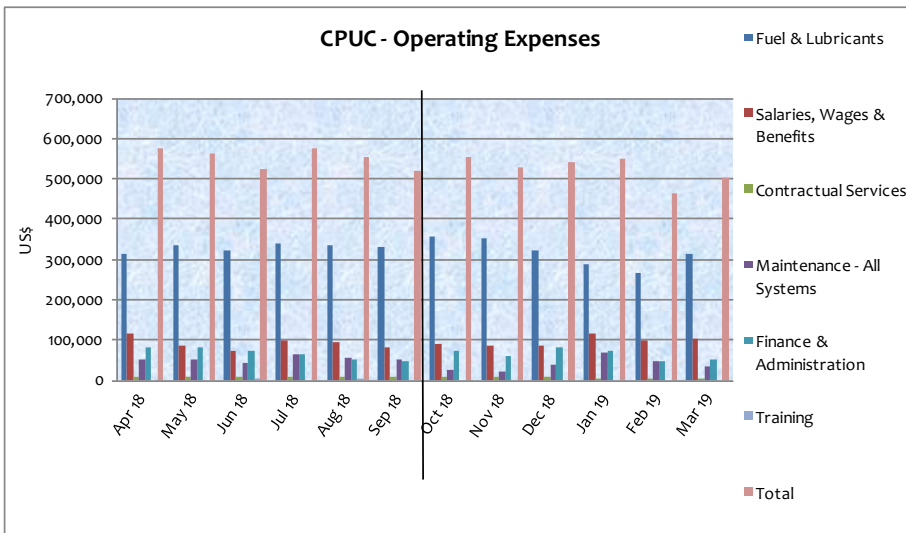


1.1 Key Points:

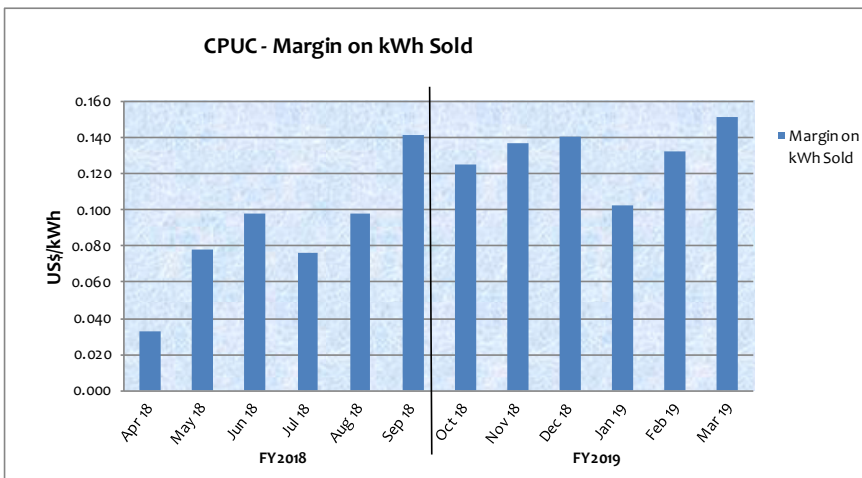
FY2018 Operating income before Depreciation & Interest :

FY2019 US\$772,129

Operating ratio: YTD 0.78;

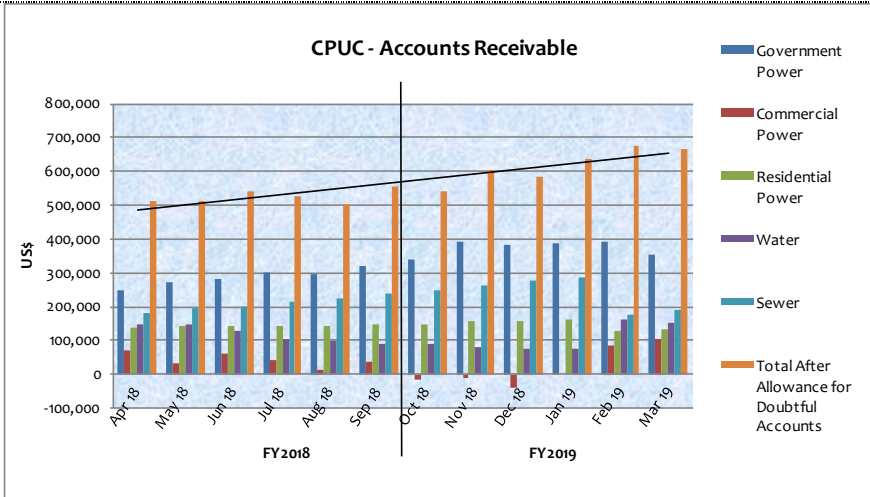


1.2 Key Points:



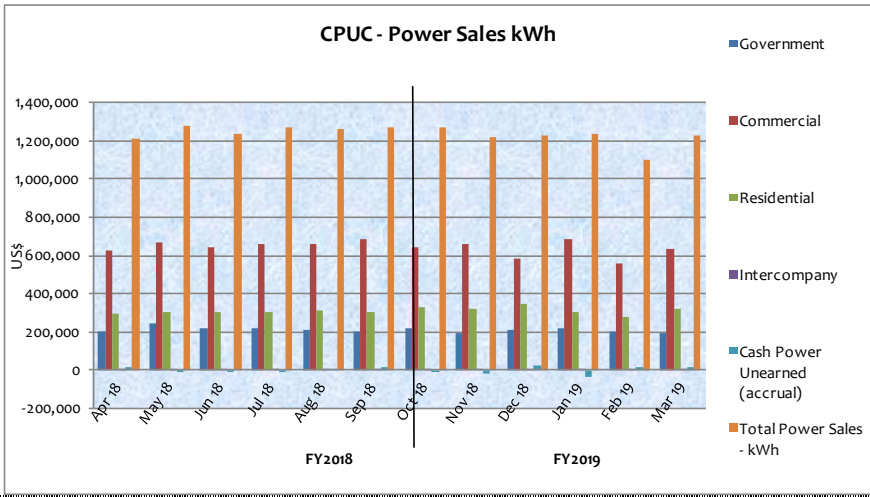
1.3 Key Points:

YTD US\$0.126 kWh sold.

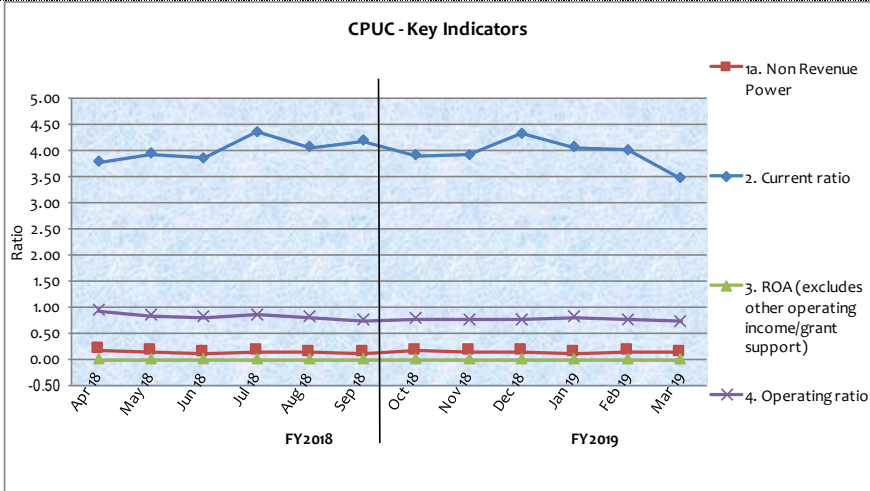


1.4 Key Points:

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

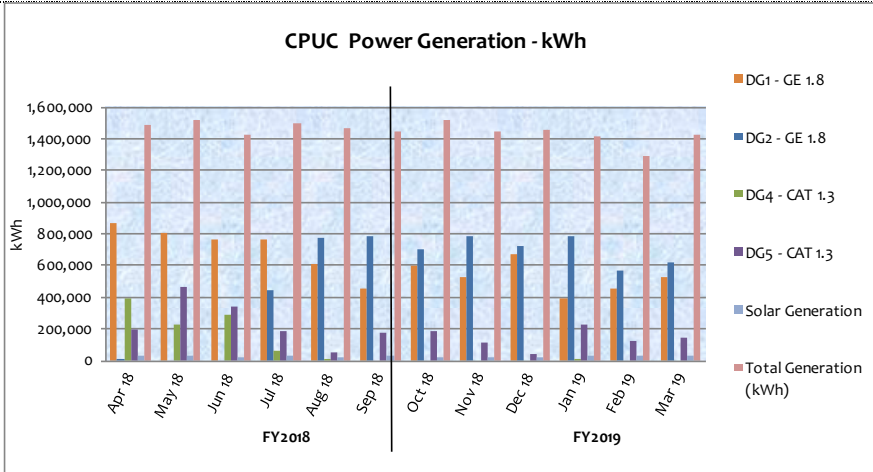


1.5 Key Points:

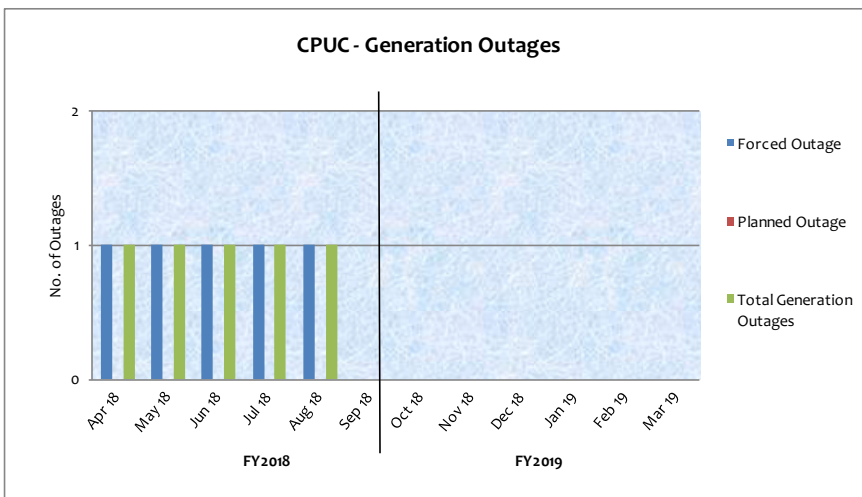


1.6 Key Points:

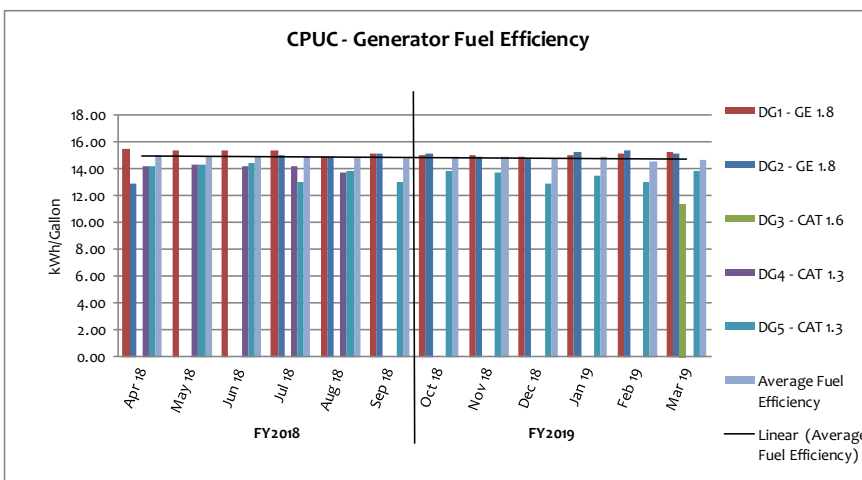
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

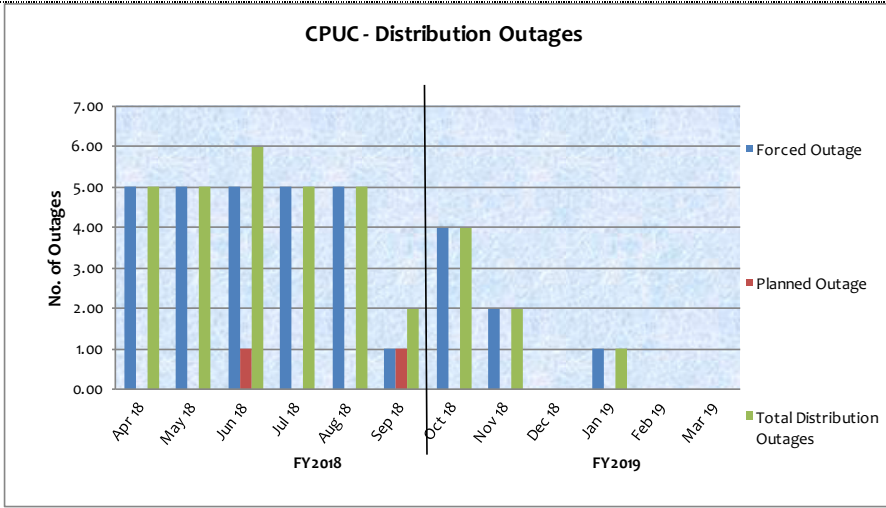


2.2 Key Points:

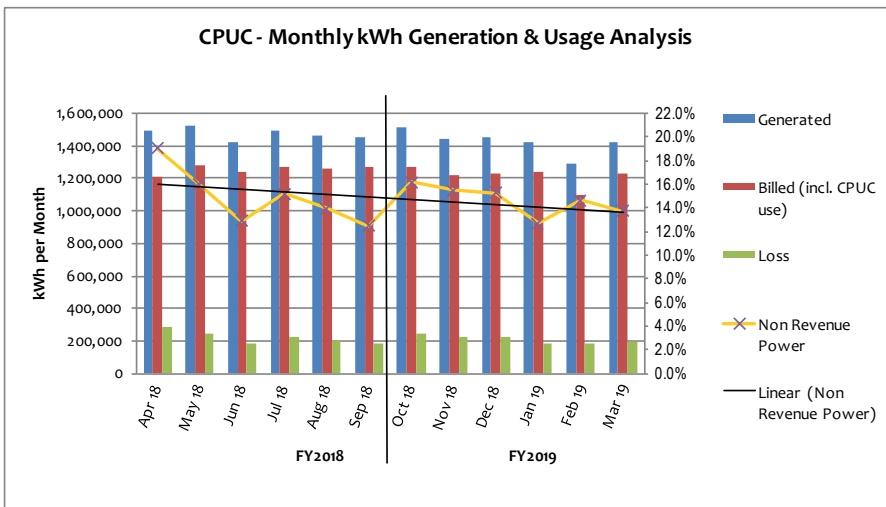


2.3 Key Points:

Avge fuel efficiency in FY2019 14.8 kWh/gall.

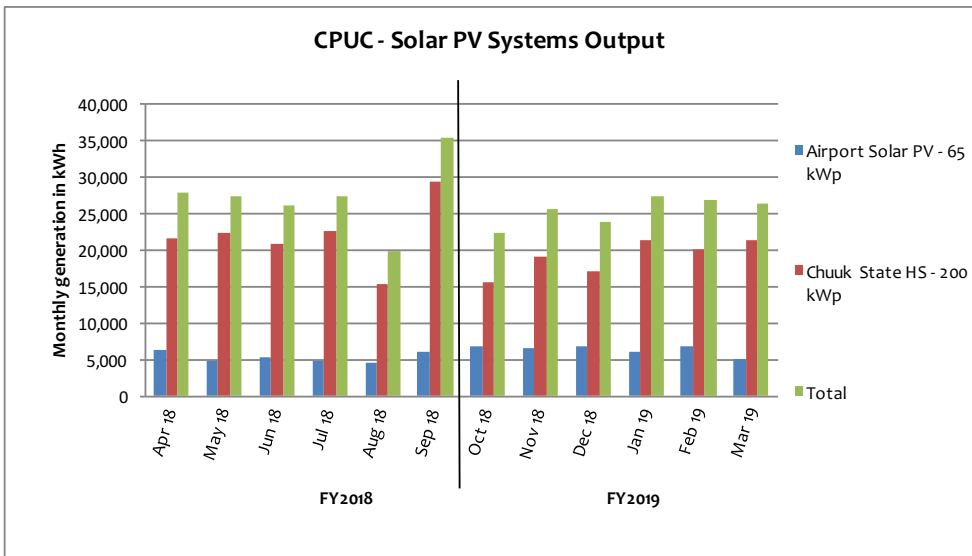


2.4 Key Points



2.5 Key Points:

Power loss for March 2019 – 13.8%;



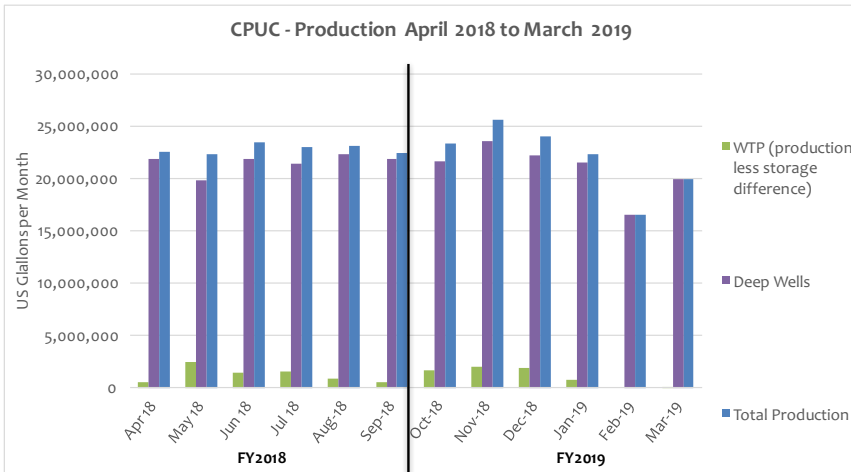
2.6 Key Points:

Solar PV accounted for 1.9% of CPUC generation in March;

The avoided cost of fuel was: US\$5,612

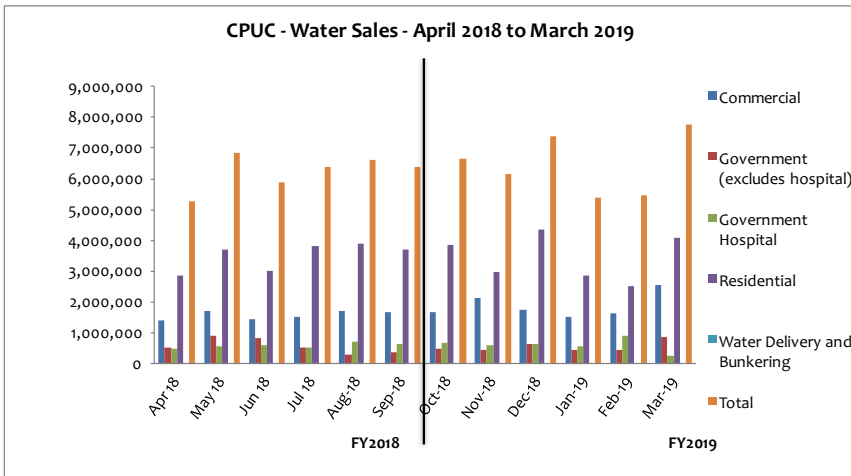
Avoided Tons of CO₂ was 18.1 Tons;

3 WATER PERFORMANCE GRAPHS

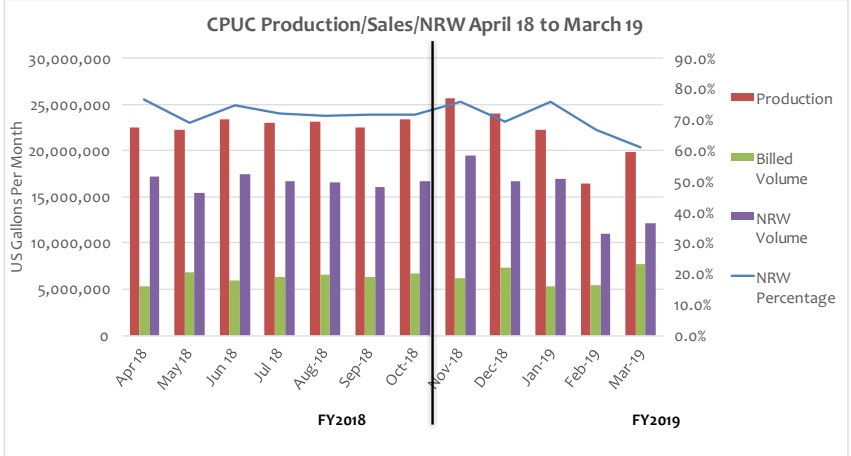


1 Key Points:

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



Key Points:



Key Points:

Financial Table1 P & L Statement – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019
Revenue - US\$														
Operating revenue:														
a. Power Sales	573,531	615,902	607,009	626,747	620,986	656,139	665,920	651,371	659,579	633,141	559,058	626,175	7,058,632	3,795,245
b. Water Sales	19,618	25,590	21,923	22,356	24,483	23,833	24,496	23,247	28,617	18,234	18,457	28,961	273,716	142,012
c. Sewer Sales	11,282	15,973	11,771	11,289	12,366	11,836	12,204	13,274	13,201	11,845	12,625	14,646	145,333	77,796
d. Other operating revenue	9,731	7,207	5,599	14,697	19,052	8,980	12,939	8,920	13,651	15,090	21,352	20,829	108,961	92,782
Revenue - Total	614,163	664,672	646,302	675,089	676,887	700,789	715,559	696,813	715,049	678,311	611,492	690,612	7,586,642	4,107,836
Expenses - US\$														
Fuel & Lubricants	312,850	335,161	324,799	341,204	333,944	329,402	357,813	351,703	324,559	289,207	267,204	312,148	3,738,941	1,902,634
Salaries, Wages & Benefits	114,968	85,955	71,648	97,994	96,620	82,808	90,443	86,883	86,183	114,829	97,726	102,212	1,087,840	578,276
Contractual Services	10,907	7,900	10,121	8,250	7,494	8,596	10,274	8,120	8,934	5,039	4,723	5,762	105,293	42,851
O&M - Power Generation	20,243	22,514	20,235	11,026	21,919	11,968	2,592	2,796	9,175	44,696	32,945	5,747	205,681	97,952
O&M - Power Distribution	10,618	14,031	9,940	15,741	10,603	18,625	8,235	7,355	17,556	4,237	3,130	12,231	140,422	52,743
O&M - Water	3,723	4,079	3,515	12,388	6,097	8,152	2,591	4,668	787	3,616	220	5,726	59,845	17,607
O&M - Sewer	2,901	0	0	120	0	0	71	0	1,650	795	62	262	3,602	2,840
Finance & Administration Overheads	69,883	70,246	58,144	52,455	39,815	34,970	56,170	44,688	69,378	62,013	38,878	39,494	619,662	310,622
Vehicle & Eq. Fuel	16,338	11,216	10,511	24,804	17,424	13,600	12,698	8,928	11,732	14,678	10,798	9,244	180,871	68,079
CPUC Power Usage (incl. in O&M from Oct 15)	12,285	13,443	15,005	13,736	14,233	13,266	15,329	14,016	12,583	12,511	9,879	12,206	157,143	76,523
Training	0	0	653	0	5,340	0	0	0	0	0	0	0	9,601	0
Expense - Total	574,716	564,544	524,571	577,718	553,489	521,388	556,217	529,156	542,538	551,620	465,565	505,033	6,308,899	3,150,128
Operating Income/(Loss)	39,447	100,128	121,731	97,371	123,398	179,401	159,343	167,657	172,511	126,691	145,927	185,579	1,277,743	957,708
Non-Cash Expenses - US\$														
Depreciation	122,291	122,291	122,291	122,291	122,291	122,291	118,520	118,520	118,520	118,520	118,520	118,520	1,467,491	711,119
Interest Expense	5,667	5,667	5,667	5,667	5,667	5,667	5,189	5,189	5,188	5,188	5,188	5,188	68,004	31,130
Non-Cash Expense - Total - US\$	127,958	127,958	127,958	127,958	127,958	127,958	123,709	123,709	123,708	123,708	123,708	123,708	1,535,495	742,249
Income/(Loss) - excluding grant support - US\$	-88,511	-27,830	-6,227	-30,587	-4,560	51,443	35,634	43,949	48,803	2,983	22,219	61,871	-257,752	215,459
Non-operating Income (Grant Support) - US\$	89	59	89	300,139	61	64	0	23	31	28	-1,417	0	416,122	-1,335
Income/(Loss) - including grant support - US\$	-88,422	-27,772	-6,138	269,552	-4,498	51,507	35,633	43,972	48,834	3,010	20,803	61,872	158,370	214,124

Financial Table 2 Cash Flow and A/R Report – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019
Cash Flow Report - US\$														
Receipts	632,467	570,529	511,773	900,095	578,614	613,681	568,122	567,676	609,554	495,964	502,977	560,338	6,998,463	3,304,631
Disbursements	516,528	712,577	692,907	974,693	497,138	490,106	400,353	598,191	522,456	685,740	482,306	815,182	7,206,976	3,504,228
Net receipts/Disbursements	115,940	-142,048	-181,134	-74,598	81,476	123,575	167,769	-30,515	87,098	-189,776	20,671	-254,844	-208,513	-199,597
Cash balance (beginning)	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	1,352,861	1,163,085	1,183,756	1,287,966	1,128,509
Cash balance (end)	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	1,163,085	1,183,756	928,912	1,096,437	1,163,085
Other Financial Data - US\$														
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)	1,270,488	1,128,440	947,306	921,765	1,003,240	1,126,815	1,294,584	1,264,069	1,351,167	1,161,391	1,182,062	927,218	1,126,815	1,161,391
Stocks	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	1,365,090	1,166,243	1,044,682	1,150,298	1,365,090
Trade Receivable	512,097	513,715	543,269	524,461	501,070	557,173	540,583	604,738	582,092	638,014	674,256	665,151	557,173	638,014
Prepaid Lease	305,051	303,019	300,988	298,956	296,925	294,893	292,861	290,830	288,798	286,766	284,735	282,703	294,893	286,766
Collateral with Vital Inc.	573,349	586,180	598,096	610,469	622,843	634,300	647,590	649,881	649,881	649,881	649,881	649,881	634,300	649,881
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	893,772	842,597	850,353	748,381	829,741	828,618	937,409	977,121	905,956	939,856	915,763	948,973	828,618	939,856
Loans Payable	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	3,933,976	3,936,453	3,936,453	4,097,884	3,933,976
Total Accounts Receivable (to date) - US\$														
Government Power	250,820	271,125	282,790	299,318	297,133	321,533	338,492	391,246	382,595	385,375	393,099	356,369	321,533	385,375
Commercial Power	70,408	34,489	59,523	40,873	12,240	35,477	-13,692	-10,461	-39,122	0	86,794	105,986	35,477	0
Residential Power	139,601	142,737	142,930	142,003	142,954	147,884	149,639	155,574	159,235	161,590	131,111	133,425	147,884	161,590
Water	147,447	145,723	130,542	103,493	97,643	89,343	91,005	79,986	77,789	77,608	160,233	151,706	89,343	77,608
Sewer	179,386	195,206	203,048	214,338	226,663	238,500	250,703	263,958	277,158	289,004	178,583	193,229	238,500	289,004
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
Total	512,097	513,715	543,269	524,461	501,070	557,173	540,583	604,738	582,092	638,014	674,256	665,151	557,173	540,583

Financial Table 3 Power Sales Report – April 2018 to March 2019

Power Sales Report	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	73,498	73,803	74,129	73,975	69,063	73,902	78,982	73,888	69,157	87,369	73,785	78,489	857,283	461,669
Government - Pre Paid (Cash Power)	30,113	54,471	43,422	45,305	44,399	38,838	46,381	34,127	50,728	33,519	34,643	29,986	504,164	229,384
Government Streetlights	2,510	2,594	2,510	2,594	2,594	2,546	3,083	2,940	3,083	3,083	3,083	3,083	30,496	18,357
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	23,990
Government Scratchcard	56	37	0	0	0	0	0	0	0	0	0	0	584	0
Government Total	110,175	134,903	124,059	125,872	120,054	119,284	132,444	114,954	126,966	127,969	115,510	115,556	1,438,838	733,400
Commercial - Post Paid	221,133	235,177	237,304	246,223	243,928	268,635	250,934	268,716	223,874	265,051	211,671	239,394	2,751,357	1,459,641
Commercial - Pre Paid (Cashpower)	80,849	89,572	83,873	87,521	83,362	92,268	94,573	92,193	96,160	88,719	70,336	90,016	992,414	531,997
Commercial - Scratchcard	1,096	1,168	0	0	0	0	0	0	0	0	0	0	8,095	0
Commercial Total	303,079	325,918	321,177	333,744	327,290	360,904	345,507	360,909	320,034	353,770	282,008	329,410	3,751,866	1,991,637
Residential - Post Paid	6,335	6,637	4,005	2,302	4,511	8,061	4,820	8,569	7,568	6,237	6,070	7,327	69,808	40,590
Residential - Pre Paid (Cashpower)	119,247	124,215	129,990	134,069	136,455	133,278	151,808	146,347	155,168	132,124	114,831	136,588	1,453,847	836,866
Residential Scratch Card Sales	10,336	11,216	10,945	12,240	12,368	11,758	13,863	13,495	20,857	11,435	17,956	13,746	124,156	91,352
Residential Total	135,917	142,068	144,940	148,611	153,334	153,097	170,490	168,410	183,593	149,796	138,857	157,661	1,647,811	968,808
Trade Power Sales Total	549,171	602,888	590,176	608,227	600,678	633,285	648,441	644,273	630,593	631,536	536,375	602,627	6,838,516	3,693,845
Intercompany - CPUC Office	1,346	1,584	968	1,246	1,258	1,262	1,461	1,294	1,503	1,131	1,188	1,417	14,914	7,994
Intercompany - CPUC Power Operation	4,223	3,313	4,221	5,856	4,138	1,155	3,060	2,733	2,639	3,034	3,101	3,461	38,604	18,028
Intercompany - CPUC Water Operations	5,284	6,191	5,947	6,017	6,247	6,082	5,910	6,332	6,363	5,834	4,371	5,075	62,774	33,885
Intercompany - CPUC Sewer Operations	7,002	7,252	9,058	7,719	7,986	7,184	9,420	7,684	6,220	6,677	5,508	7,131	88,568	42,639
Cash Power UnEamed	6,506	-5,327	-3,361	-2,319	679	7,172	-2,371	-10,945	12,262	-15,070	8,515	6,464	9,455	-1,144
Total Power Sales - US\$	573,531	615,902	607,009	626,747	620,986	656,139	665,920	651,371	659,579	633,141	559,058	626,175	7,052,831	3,795,245
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	133,282	128,938	130,010	124,632	114,393	123,341	128,300	122,835	114,867	143,735	125,383	132,491	1,531,838	767,611
Government - Pre Paid (Cash Power)	58,860	105,216	81,990	84,888	82,174	69,891	82,440	58,207	88,223	61,133	64,309	54,779	975,797	409,091
Government - Street Lights	10,042	10,377	10,042	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	122,514	62,262
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	109	72	0	0	0	0	0	0	0	0	0	0	1,160	0
Government Total	202,293	244,603	222,042	219,897	206,944	203,609	221,117	191,419	213,467	215,245	200,069	197,647	2,631,309	1,238,964
Commercial - Post Paid	460,260	485,944	478,382	492,190	502,928	513,220	470,232	494,277	407,901	519,204	419,500	463,469	5,684,451	2,774,583
Commercial - Pre Paid (Cashpower)	164,461	179,972	164,585	170,374	160,220	172,239	174,360	162,798	173,260	167,933	135,601	170,678	1,995,954	984,632
Commercial Scratchcard	2,230	2,339	0	0	0	0	0	0	0	0	0	0	16,680	0
Commercial Total	626,952	668,256	642,968	662,564	663,148	685,459	644,592	657,075	581,161	687,137	555,101	634,148	7,697,085	3,759,215
Residential - Post Paid	13,722	14,119	8,460	4,693	9,168	15,876	9,408	16,193	14,025	12,874	12,412	14,671	149,898	79,583
Residential - Pre Paid (Cashpower)	258,389	265,644	270,981	277,232	278,365	263,604	296,326	272,933	295,614	265,203	235,021	274,659	3,109,297	1,639,756
Residential Scratch Card Sales	22,371	23,971	22,757	25,147	25,233	23,185	24,966	31,292	39,434	26,220	28,717	27,348	264,699	177,977
Residential Total	294,483	303,734	302,199	307,072	312,766	302,665	330,700	320,418	349,072	304,297	276,150	316,678	3,523,893	1,897,316
Trade Power Sales Total	1,123,728	1,216,593	1,167,208	1,189,532	1,182,858	1,191,733	1,196,409	1,168,912	1,143,700	1,206,680	1,031,320	1,148,473	13,852,288	6,895,494
Intercompany - CPUC Office	5,341	6,287	3,840	4,944	4,992	4,582	5,797	5,135	5,963	4,488	4,714	5,624	58,756	31,721
Intercompany - CPUC Power Operation	16,756	13,148	16,749	23,240	16,422	5,009	12,142	10,845	10,472	12,039	12,305	13,735	153,619	71,538
Intercompany - CPUC Water Operations	20,967	24,568	23,600	23,876	24,789	24,134	23,451	25,126	25,250	23,152	17,345	20,139	272,124	134,463
Intercompany - CPUC Sewer Operations	27,784	28,777	35,943	30,632	31,690	28,507	37,380	30,492	24,681	26,495	21,857	28,296	351,460	169,201
Cash Power Unearned (accrual)	12,607	-9,657	-6,799	-581	2,115	16,509	-1,558	-17,254	20,020	-33,182	14,290	14,106	35,099	-3,578
Total Power Sales - kWh	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	1,239,672	1,101,831	1,230,373	14,723,346	7,298,839

Financial Table 4 Water Sales Report – April 2018 to March 2019

Water/Sewer Sales Report	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	4,473	6,285	6,073	4,539	5,030	4,970	5,708	4,836	6,313	4,945	6,628	5,740	64,292	34,170
Commercial	7,950	9,549	7,748	9,437	9,911	10,118	9,379	10,650	11,402	6,239	8,195	12,287	107,226	58,153
Residential	7,195	9,756	8,102	8,380	9,542	8,745	9,409	7,761	10,902	7,050	3,634	10,933	105,891	49,690
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	-3,693	0
Total	19,618	25,590	21,923	22,356	24,483	23,833	24,496	23,247	28,617	18,234	18,457	28,961	273,716	142,012
Sewer Sales - US\$														
Government	2,159	2,976	2,937	2,057	2,405	2,380	2,739	2,295	3,015	2,341	3,193	2,621	30,340	16,204
Commercial	3,283	6,978	2,994	3,103	3,442	3,051	6,753	8,223	7,211	6,981	7,093	9,172	45,250	45,434
Commercial with No Water	3,685	3,685	3,685	3,685	3,705	3,705	0	0	0	0	0	0	44,261	0
Residential	465	643	494	725	733	620	2,712	2,756	2,975	2,523	2,340	2,853	7,167	16,159
Residential with No Water	1,690	1,690	1,660	1,720	2,080	2,080	0	0	0	0	0	0	21,372	0
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	-3,057	0
Sewer Sales	11,282	15,973	11,771	11,289	12,366	11,836	12,204	13,274	13,201	11,845	12,625	14,646	145,333	77,796
Total Water & Sewer Sales	30,900	41,563	33,693	33,645	36,849	35,669	36,700	36,522	41,818	30,079	31,082	43,607	419,049	219,809
Water Sales - Gallons														
Government	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	1,017,996	1,581,229	1,171,324	13,253,730	7,212,646
Commercial	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	1,741,160	1,475,740	2,527,990	22,148,259	12,279,278
Residential	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	2,627,420	2,720,160	4,090,082	39,930,226	20,220,502
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	49,325	0
Total	5,281,256	6,856,059	5,895,538	6,383,220	6,620,580	6,354,690	6,656,862	6,437,073	7,665,390	5,386,576	5,777,129	7,789,396	75,381,540	39,712,426

Financial Table 5 Key Performance Indicators – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019
1a. Non Revenue Power	19.1%	16.0%	12.9%	15.2%	13.9%	12.5%	16.2%	15.5%	15.3%	12.7%	14.6%	13.8%	15.6%	14.7%
Total Power Generated - kWh	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	1,419,536	1,290,507	1,426,566	17,441,330	8,555,088
Total Power Billed - kWh	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	1,239,672	1,101,831	1,230,373	14,723,346	7,298,839
Generation Loss (actual from Jun 17)	22,097	19,348	20,589	28,184	21,414	9,591	17,939	15,980	16,435	16,527	17,019	18,446	212,248	102,346
Distribution Loss Derived - kWh	224,987	186,037	127,084	161,788	146,062	134,856	189,728	171,901	169,072	127,849	139,394	142,083	2,069,703	940,026
Commercial Loss (assumed 2.5%) - kWh	37,289	38,080	35,595	37,477	36,675	36,280	37,982	36,183	36,297	35,488	32,263	35,664	436,033	213,877
Total Loss - kWh	284,372	243,465	183,268	227,449	204,152	180,727	245,648	224,064	221,804	179,864	188,675	196,193	2,717,984	1,256,249
Distribution loss %	15.1%	12.2%	8.9%	10.8%	10.0%	9.3%	12.5%	11.9%	11.6%	9.0%	10.8%	10.0%	11.9%	11.0%
1b. Non Revenue Water	76.4%	69.0%	75.3%	72.2%	71.3%	71.7%	71.5%	74.9%	68.1%	76.1%	64.9%	60.6%	71.4%	69.9%
Water Produced (million gallons)	22.34	22.13	23.82	22.98	23.08	22.44	23.32	25.65	24.06	22.50	16.48	19.79	263.4	132
Water Billed (million gallons)	5.28	6.86	5.90	6.38	6.62	6.35	6.66	6.44	7.67	5.39	5.78	7.79	75	40
2. Current ratio	3.78	3.94	3.86	4.35	4.06	4.19	3.90	3.91	4.33	4.06	4.01	3.47	4.06	3.90
	3.59	3.69	3.63	4.12	3.86	3.98	3.69	3.70	4.13	3.86	3.77	3.22	3.84	3.69
	9.42	10.49	9.70	8.44	7.57	7.37	8.69	7.89	7.72	6.64	12.31	9.69	8.46	8.69
	4.95	6.75	6.40	8.11	6.82	8.15	7.90	9.40	8.25	8.42	6.85	6.73	7.46	7.90
3. ROA (excludes other operating income/grant support)	-0.39%	-0.12%	-0.03%	-0.13%	-0.02%	0.22%	0.15%	0.19%	0.21%	0.01%	0.09%	0.26%	-0.01	0.00
Power Business	-0.03%	0.21%	0.33%	0.27%	0.36%	0.64%	0.52%	0.52%	0.55%	0.41%	0.34%	0.59%	0.03	0.01
Water Business	-5.29%	-2.10%	-1.96%	-2.59%	-2.08%	-1.95%	-1.18%	-1.10%	-0.85%	-2.07%	-0.30%	-0.75%	-0.25	-0.01
Sewer Business	-1.22%	-0.99%	-1.03%	-1.14%	-1.07%	-0.96%	-1.01%	-0.86%	-0.98%	-1.09%	-0.90%	-0.91%	-0.13	-0.01
4. Operating ratio	0.94	0.85	0.81	0.86	0.82	0.74	0.78	0.76	0.76	0.81	0.76	0.73	0.83	0.78
Power Business	0.85	0.79	0.75	0.78	0.75	0.69	0.73	0.72	0.72	0.74	0.73	0.69	0.76	0.73
Water Business	1.57	1.38	1.40	1.66	1.44	1.38	1.11	1.06	0.95	1.63	0.75	0.93	1.46	1.11
Sewer Business	3.78	2.21	2.75	3.22	2.79	2.45	2.66	2.06	2.44	2.93	2.17	1.98	2.81	2.66
5. Days in Accounts Receivable	25.42	24.22	25.44	24.62	22.85	24.16	23.08	26.37	24.90	28.86	34.28	29.79	22.45	23.08
Power Business	15.67	14.69	15.91	15.64	14.57	15.96	14.63	17.54	16.04	18.70	24.05	20.86	13.85	14.63
Water Business	151.48	114.90	118.52	91.04	77.19	75.25	73.82	70.91	55.35	89.17	184.88	111.12	77.10	73.82
Sewer Business	320.45	246.58	343.35	373.40	354.78	404.47	408.19	409.81	427.49	511.16	301.23	279.85	337.09	408.19

Power Table 1 Power Operation Indicators – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019 YTD
Generation Statistics														
Diesel Generation - kWh	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	1,392,221	1,263,683	1,400,164	17,122,425	8,402,698
Peak Generation - kW	2,895	2,857	2,825	2,767	2,808	2,851	2,906	2,943	2,829	2,622	2,644	2,752	2,941	16,696
Fuel Consumption - Gallons	97,581	100,394	93,863	98,754	97,296	95,293	100,623	95,533	96,308	93,404	86,913	95,213	1,143,186	567,994
Average Fuel Price (\$/Gallon)	3.29	3.40	3.53	3.53	3.50	3.52	3.62	3.63	3.37	3.03	3.00	3.13	3.33	19.78
Load Factor (%)	68%	71%	67%	71%	69%	68%	69%	65%	68%	72%	67%	69%	67%	67%
Capacity Factor (%)	52%	51%	50%	49%	50%	51%	52%	53%	51%	47%	47%	49%	40%	226%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	200%	300%	400%	100%	100%
Reserve Plant Margin (%)	169%	173%	176%	182%	178%	174%	168%	165%	176%	197%	195%	183%	165%	168%
Solar PV Generation - kWh														
Solar PV Generation - kWh	27,795	27,275	26,172	27,301	19,814	35,303	22,340	25,727	23,783	27,315	26,824	26,402	318,905	152,390
Solar Generation %	1.9%	1.8%	1.8%	1.8%	1.4%	2.4%	1.5%	1.8%	1.6%	1.9%	2.1%	1.9%	1.8%	1.8%
Peak PV Generation - kW	217	213	204	213	155	276	175	201	186	213	210	206	153	1,465
Avoided Fuel - Gallons	1,853	1,830	1,758	1,832	1,332	2,376	1,502	1,729	1,604	1,833	1,845	1,795	21,293	10,301
Avoided Cost of Fuel - US\$	6,096	6,224	6,205	6,466	4,662	8,373	5,439	6,279	5,405	5,543	5,535	5,612	70,922	34,039
Tons of CO2 avoided	18.7	18.5	17.8	18.5	13.5	24.0	15.2	17.5	16.2	18.5	18.6	18.1	215.1	104.0
Labour Productivity (kWh/Emp/d)														
Labour Productivity (kWh/Emp/d)	1,634	1,670	1,560	1,643	1,615	1,580	1,671	1,587	1,594	1,554	1,410	1,563	1,466	1,443
SFOC (kWh/gal)														
SFOC (kWh/gal)	15.00	14.90	14.89	14.90	14.87	14.86	14.88	14.88	14.83	14.91	14.54	14.71	14.98	14.79
DG1 - GE 1.8	15.56	15.42	15.39	15.38	14.87	15.11	15.00	15.00	14.93	15.04	15.12	15.31	15.36	15.06
DG2 - GE 1.8	12.96	0.00	0.00	15.09	14.96	15.20	15.15	14.98	14.85	15.29	15.37	15.19	15.01	15.13
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	11.45	0.00	11.25
DG4 - CAT 1.3	14.27	14.32	14.23	14.26	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.24	12.45
DG5 - CAT 1.3	14.26	14.35	14.42	13.09	13.90	13.02	13.83	13.72	12.93	13.51	13.05	13.88	14.09	13.57
SLOC (kWh/gal)														
SLOC (kWh/gal)	7,071	3,649	6,353	3,803	2,548	2,216	5,780	1,932	4,698	5,396	2,344	2,174	3,747	3,067
DG1 - GE 1.8	8,436	3,340	6,954	4,471	1,326	2,856	4,249	1,461	4,304	3,105	4,448	1,242	3,655	2,421
DG2 - GE 1.8	0	0	0	0	0	0	5,987	2,091	4,855	6,150	1,670	4,854	3,211	3,379
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	1,183
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	42
DG5 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	1,283
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%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	27.3%	26.9%	26.6%	26.0%	26.4%	26.8%	27.4%	27.7%	26.6%	24.7%	24.9%	25.9%	27.7%	27.4%
Distribution Losses (%)	10.6%	7.5%	4.4%	6.7%	5.4%	4.0%	7.7%	7.0%	6.8%	4.2%	6.1%	5.3%	85.0%	37.0%
SAIDI (hours/consumer)	0.01	0.05	0.10	0.04	0.01	0.22	0.07	0.09	0.00	0.04	0.00	0.00	2.94	0.20
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)	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.22	0.20	0.20	0.21	0.22	0.22

Power Table 2 Power Generation Statistics – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	868,903	801,572	764,918	769,020	613,939	456,999	599,140	526,088	667,180	388,078	453,676	523,052	8,772,077	3,157,214
DG2 - GE 1.8	5,797	0	0	447,921	776,739	781,727	706,479	786,323	723,362	781,079	571,171	621,248	4,466,850	4,189,662
DG3 - CAT 1.6	0	0	0	0	663	0	3,050	0	0	0	116,914	112,399	663	232,363
DG4 - CAT 1.3	392,170	226,753	294,660	64,518	483	0	0	0	0	249	0	0	1,632,075	249
DG5 - CAT 1.3	196,890	467,581	338,059	190,332	55,380	177,172	188,261	109,182	37,565	222,815	121,922	143,465	2,250,760	823,210
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	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	1,392,221	1,263,683	1,400,164	17,122,425	8,402,698
Airport Solar Panel	6,227	4,803	5,322	4,761	4,605	5,975	6,816	6,629	6,749	6,087	6,823	5,033	69,699	38,136
High School Solar Grid Connect	21,568	22,472	20,850	22,540	15,209	29,328	15,524	19,098	17,034	21,228	20,001	21,369	249,206	114,254
Solar PV Generation Total (kWh)	27,795	27,275	26,172	27,301	19,814	35,303	22,340	25,727	23,783	27,315	26,824	26,402	318,905	152,390
Total Generation (kWh)	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	1,419,536	1,290,507	1,426,566	17,441,330	8,555,088
Maximum Demand (kW)	2,895	2,857	2,825	2,767	2,808	2,851	2,906	2,943	2,829	2,622	2,644	2,752	2,941	2,943
Engine Rating kW (at 0.8 PF)														
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
Station Services (kWh)	16,756	13,148	16,749	23,240	16,422	5,009	12,142	10,845	10,472	12,039	12,305	13,735	153,619	71,538
Running Hours														
DG1 - GE 1.8	681	665	639	711	611	482	545	499	652	391	417	563	7,588	3,067
DG2 - GE 1.8	7	0	0	432	711	705	622	705	680	654	476	512	4,073	3,649
DG3 - CAT 1.6	0	0	0	0	2	0	7	0	0	0	188	179	2	374
DG4 - CAT 1.3	459	278	385	115	3	0	0	0	0	0	0	0	2,064	0
DG5 - CAT 1.3	237	553	437	269	87	302	253	182	56	330	190	229	2,960	1,240
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,384	1,496	1,461	1,527	1,414	1,489	1,427	1,386	1,388	1,375	1,271	1,483	16,687	8,330

Power Table 3 Fuel & Lube Oil Statistics – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	55,846	51,967	49,717	50,005	41,289	30,252	39,939	35,076	44,685	25,803	30,014	34,166	571,208	209,683
DG2 - GE 1.8	447	0	0	29,682	51,936	51,437	46,617	52,498	48,718	51,088	37,158	40,895	297,646	276,973
DG3 - CAT 1.6	0	0	0	0	51	0	450	0	0	0	10,400	9,813	51	20,663
DG4 - CAT 1.3	27,483	15,839	20,709	4,525	35	0	0	0	0	20	0	0	114,582	20
DG5 - CAT 1.3	13,805	32,588	23,437	14,542	3,985	13,604	13,616	7,960	2,905	16,493	9,341	10,339	159,700	60,654
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	97,581	100,394	93,863	98,754	97,296	95,293	100,623	95,533	96,308	93,404	86,913	95,213	1,143,186	567,994
Average Fuel Price (\$/Gallon)	3.29	3.40	3.53	3.53	3.50	3.52	3.62	3.63	3.37	3.03	3.00	3.13	3.33	3.30
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	103	0	110	172	198	0	0	265	0	0	0	265	1,258	530
DG2 - GE 1.8	0	0	0	25	105	265	0	265	0	0	265	0	823	530
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	95	0	95
DG4 - CAT 1.3	0	0	10	0	0	0	0	0	0	0	0	0	25	0
DG5 - CAT 1.3	9	0	5	0	0	95	0	0	0	0	95	0	109	95
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	112	0	125	197	303	360	0	530	0	0	360	360	2,215	1,250
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	0	240	0	0	265	160	141	95	155	125	102	156	1,142	774
DG2 - GE 1.8	0	0	0	0	0	119	118	111	149	127	77	128	568	710
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	95	0	95	0	0	0	0	0	6	0	0	190	6
DG5 - CAT 1.3	95	75	95	95	0	0	0	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
Total Oil Change Volume (Gals)	95	410	95	190	265	279	259	206	304	258	179	284	2,355	1,490

Power Table 4 Distribution Feeder Statistics - April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	2018 YTD	2019 YTD
Feeder 1 Load	392,615	408,635	388,111	397,981	388,731	387,602	393,189	378,169	368,423	363,908	332,213	362,769	4,606,622	2,198,671
Feeder 2 Load	127,629	124,573	112,270	117,490	115,156	122,494	128,796	123,570	125,549	119,343	108,647	120,877	1,455,155	726,782
Feeder 3 Load	412,167	418,084	412,284	439,104	430,116	422,751	454,583	435,762	439,710	425,879	378,375	369,016	5,114,975	2,503,325
Feeder 4 Load	378,916	386,126	341,765	357,225	348,312	345,868	363,327	332,911	343,791	333,549	298,559	333,686	4,464,146	2,005,823
Feeder 5 Load	158,131	166,415	148,790	159,108	163,289	162,895	161,436	160,928	157,982	160,330	155,694	221,772	1,588,184	1,018,142
Total Feeder Load (kWh)	1,469,458	1,503,833	1,403,220	1,470,908	1,445,604	1,441,610	1,501,331	1,431,340	1,435,455	1,403,009	1,273,488	1,408,120	17,229,082	8,452,743
													0	0
Feeder 1 Sales	319,342	352,439	335,551	342,521	327,785	320,046	346,801	316,668	343,035	310,536	286,347	309,811	3,961,355	1,913,199
Feeder 2 Sales	92,865	103,815	89,614	88,833	97,025	103,912	95,219	103,615	109,677	92,743	90,199	108,059	1,170,347	599,512
Feeder 3 Sales	339,801	358,328	368,224	358,796	347,271	381,846	371,324	362,552	341,229	377,205	333,026	349,196	4,399,688	2,134,532
Feeder 4 Sales	305,017	309,036	306,649	325,758	336,350	316,697	322,152	300,896	299,126	309,193	276,496	301,636	3,766,831	1,809,499
Feeder 5 Sales	130,183	137,661	124,197	127,795	135,897	142,532	129,824	138,109	120,489	141,257	117,478	126,995	1,260,670	774,152
Total Feeder Sales (kWh)	1,187,208	1,261,279	1,224,236	1,243,703	1,244,328	1,265,033	1,265,320	1,221,840	1,213,555	1,230,934	1,103,546	1,195,698	14,558,891	7,230,894
Feeder 1 Loss - kWh	73,273	56,196	52,560	55,460	60,946	67,556	46,388	61,501	25,388	53,372	45,866	52,958	645,267	285,472
Feeder 2 Loss - kWh	34,764	20,758	22,656	28,657	18,131	18,582	33,577	19,955	15,872	26,600	18,448	12,818	284,808	127,270
Feeder 3 Loss - kWh	72,366	59,756	44,060	80,308	82,845	40,905	83,259	73,210	98,481	48,674	45,349	19,820	715,287	368,793
Feeder 4 Loss - kWh	73,899	77,090	35,116	31,467	11,962	29,171	41,174	32,015	44,665	24,356	22,063	32,050	697,315	196,323
Feeder 5 Loss - kWh	27,948	28,754	24,593	31,313	27,392	20,363	31,612	22,819	37,493	19,073	38,216	94,777	327,514	243,990
Total Feeder Loss - kWh	282,250	242,553	178,984	227,205	201,276	176,577	236,010	209,500	221,900	172,075	169,941	212,422	2,670,191	1,221,849
Feeder 1 Loss - %	18.7%	13.8%	13.5%	13.9%	15.7%	17.4%	11.8%	16.3%	6.9%	14.7%	13.8%	14.6%	14.0%	13.0%
Feeder 2 Loss - %	27.2%	16.7%	20.2%	24.4%	15.7%	15.2%	26.1%	16.1%	12.6%	22.3%	17.0%	10.6%	19.6%	17.5%
Feeder 3 Loss - %	17.6%	14.3%	10.7%	18.3%	19.3%	9.7%	18.3%	16.8%	22.4%	11.4%	12.0%	5.4%	14.0%	14.7%
Feeder 4 Loss - %	19.5%	20.0%	10.3%	8.8%	3.4%	8.4%	11.3%	9.6%	13.0%	7.3%	7.4%	9.6%	15.6%	9.8%
Feeder 5 Loss - %	17.7%	17.3%	16.5%	19.7%	16.8%	12.5%	19.6%	14.2%	23.7%	11.9%	24.5%	42.7%	20.6%	24.0%
Total Feeder Loss - %	19.2%	16.1%	12.8%	15.4%	13.9%	12.2%	15.7%	14.6%	15.5%	12.3%	13.3%	15.1%	15.5%	14.5%

Power Table 5 Customer Energy Use By Category and By Feeder - March 2019

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	269	1,277	6,523
F02	192	2,497	3,325
F03	206	2,251	779
F04	187	3,302	3,675
F05	149	2,935	1,300
Total	201	2,452	3,120

Power Table 6 Power Distribution Statistics – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019 YTD
Number of Outages (Frequency)														
Forced - Generation	1	1	1	1	1	0	0	0	0	0	0	0	5	0
Planned - Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Number of Outages (Gen)	1	1	1	1	1	0	0	0	0	0	0	0	5	0
Forced - Distribution	5	5	5	5	5	1	4	2	0	1	0	0	29	7
Feeder 1	1	1	1	1	1	0	0	0	0	0	0	0	5	0
Feeder 2	1	1	1	1	1	0	0	0	0	1	0	0	6	1
Feeder 3	1	1	1	1	1	0	0	0	0	0	0	0	5	0
Feeder 4	1	1	1	1	1	1	1	1	0	0	0	0	6	2
Feeder 5	1	1	1	1	1	0	3	1	0	0	0	0	7	4
Planned - Distribution	0	0	1	0	0	1	0	0	0	0	0	0	10	0
Feeder 1	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Feeder 2	0	0	0	0	0	1	0	0	0	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	1	0	0	0	0	0	0	0	0	0	2	0
Feeder 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Number of Outages (Dist)	5	5	6	5	5	2	4	2	0	1	0	0	39	7

Power Table 7 Power Outage Statistics – April 2018 to March 2019

	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	FY2018	FY2019 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	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
Total Duration Gen Outage (Hrs)	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Forced - Distribution	0.3	1.4	0.5	1.0	0.3	1.1	2.0	2.5	0.0	1.1	0.0	0.0	40.3	5.5
Feeder 1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Feeder 2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	7.9	1.1
Feeder 3	0.1	0.6	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
Feeder 4	0.1	0.1	0.1	0.2	0.1	1.1	0.1	0.3	0.0	0.0	0.0	0.0	1.6	0.4
Feeder 5	0.1	0.5	0.1	0.2	0.1	0.0	1.9	2.2	0.0	0.0	0.0	0.0	29.3	4.1
Planned - Distribution	0.0	0.0	2.3	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	39.8	0.0
Feeder 1	0.0	0.0	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	5.0	0.0	0.0	0.0	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	2.3	0.0	0.0	0.0	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
Total Duration Dist Outage (Hrs)	0.3	1.4	2.8	1.0	0.3	6.1	2.0	2.5	0.0	1.1	0.0	0.0	80.1	5.5

Water Table 1 Water Production & Sales Data Statistics – April 2018 to March 2019

COMPANY WIDE DATA	Apr 18	May 18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	FY2019
Water Production (Millions)													
WTP Production	583,300	2,468,300	1,481,700	1,594,000	833,100	580,100	1,727,500	2,053,700	1,900,500	824,300	0	13,300	6,519,300
Pink Apartment Volume start of Month	530,000	425,000	558,600	404,700	450,300	518,700	518,700	581,400	582,000	582,000	582,000	582,000	3,428,100
Pink Apartment Volume end of Month	425,000	558,600	404,700	450,300	518,700	518,700	581,400	582,000	582,000	582,000	582,000	582,000	3,491,400
Pink Apartment Vol in to Supply/(Storage)	105,000	-133,600	153,900	-45,600	-68,400	0	-62,700	-600	0	0	0	0	-63,300
Tankered volume for billing	0	26,500	26,500	12,000	12,000	12,000	0	0	0	0	0	113,300	113,300
Well Production (into supply)	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	21,498,700	16,480,600	19,887,600	125,284,984
Volume into network	22,601,000	22,129,300	23,521,800	22,976,300	23,075,400	22,441,100	23,321,200	25,652,100	24,063,184	22,323,000	16,480,600	19,787,600	131,627,684
Water Volume Bill (Millions)													
Commercial	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	1,535,470	1,619,430	2,538,480	11,262,569
Government (excludes hospital)	529,200	884,820	829,540	526,220	293,630	385,370	471,488	431,839	626,300	446,046	435,389	874,404	3,285,466
Government Hospital	494,800	548,600	589,600	513,100	715,600	650,600	679,500	598,200	643,300	546,400	896,100	242,900	3,606,400
Residential	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	2,846,350	2,531,840	4,100,542	20,666,972
Water Delivery and Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Adjustment													0
Total	5,281,256	6,856,059	5,895,538	6,383,220	6,610,620	6,384,690	6,656,862	6,157,693	7,393,500	5,374,266	5,482,759	7,756,326	38,821,407
NRW													
Volume	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	16,948,734	10,997,841	12,031,274	92,806,277
Percentage	76.6%	69.0%	74.9%	72.2%	71.4%	71.5%	71.5%	76.0%	69.3%	75.9%	66.7%	60.8%	70.5%
Invoiced Water Value (\$USD)													
Water Delivery and Bunkering													0
Commercial	\$8,010	\$9,550	\$7,748	\$9,578	\$9,958	\$10,159	\$9,438	\$10,685	\$11,474	\$8,378	\$8,223	\$12,287	60,485
Government (includes hospital)	\$4,473	\$6,285	\$6,073	\$4,539	\$4,419	\$4,452	\$5,708	\$4,836	\$6,314	\$4,945	\$6,628	\$5,740	34,171
Residential	\$7,195	\$9,756	\$8,294	\$9,281	\$9,538	\$8,745	\$9,409	\$8,480	\$11,186	\$7,051	\$7,096	\$10,963	\$54,183
Total	\$19,678	\$25,591	\$22,115	\$23,398	\$23,915	\$23,356	\$24,554	\$24,000	\$28,974	\$20,374	\$21,947	\$28,990	\$148,839
Sewer Charge (\$USD)													
Commercial	\$3,283	\$3,293	\$2,994	\$3,204	\$3,442	\$3,342	\$3,068	\$4,538	\$3,526	\$3,296	\$3,407	\$5,719	\$23,554
Commercial - w/o water	\$3,685	\$3,685	\$3,685	\$3,685	\$3,705	\$3,705	\$3,685	\$3,685	\$3,685	\$3,685	\$2,652	\$2,447	\$19,839
Government	\$2,159	\$2,976	\$2,937	\$2,057	\$2,405	\$2,380	\$2,739	\$2,295	\$3,015	\$2,341	\$3,193	\$2,621	\$16,204
Residential	\$465	\$643	\$588	\$740	\$733	\$630	\$642	\$693	\$1,005	\$533	\$532	\$917	\$4,322
Residential w/o water	\$1,690	\$1,690	\$1,660	\$1,720	\$2,089	\$2,076	\$2,070	\$2,060	\$1,990	\$1,990	\$2,040	\$2,064	\$12,214
Total	\$11,282	\$12,287	\$11,864	\$11,405	\$12,375	\$12,133	\$12,204	\$13,271	\$13,221	\$11,845	\$11,823	\$13,769	\$76,133

Water Table 2 Water/Sewer Connection Data – April 2018 to March 2019

COMPANY WIDE DATA	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	FY2019
Water Connection Data (No. of Connections)					470	473	481	481	478	479	479	444	444
Commercial - Billed	82	82	82	79	78	79	76	77	76	76	77	72	72
Commercial - Disconnected	1	1	1	4	5	5	8	8	8	8	0	0	0
Commercial - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Avge Consumption - Gall/conn/mth	17,227	20,868	17,789	19,099	21,831	20,909	21,944	27,813	23,156	20,204	21,032	35,257	156,425
Government - Billed	17	16	15	14	16	15	18	18	14	18	16	18	18
Government - Disconnected	6	7	7	7	8	8	7	7	7	7	1	1	1
Government - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Avge Consumption - Gall/conn/mth	31,129	55,301	55,303	37,587	18,352	25,691	26,194	23,991	44,736	24,780	27,212	48,578	182,526
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	494,800	548,600	589,600	513,100	715,600	650,600	679,500	598,200	643,300	546,400	896,100	242,900	3,606,400
Residential - Billed	392	395	394	367	375	378	386	385	387	384	385	353	353
Residential - Disconnected	91	91	92	99	96	96	104	104	104	104	5	4	4
Residential - Meter Pulled	93	93	93	93	93	93	93	93	93	93	4	2	2
Residential Avge Consumption - Gall/conn/mth	7,257	9,396	7,659	10,450	10,396	9,780	9,943	7,756	11,277	7,412	6,576	11,616	58,547
Sewer Connection Data (No. of Connections)	460	459	452	476	505	490	505	508	483	518	501	480	480
Commercial Billed	44	43	41	45	43	40	42	47	39	44	42	40	40
Commercial Billed w/o water	53	53	54	54	54	54	54	54	54	54	54	43	43
Government Billed	16	15	15	13	15	14	17	16	13	17	15	17	17
Residential Billed	178	179	180	189	190	181	193	189	180	206	194	182	182
Residential Billed w/o water	169	169	162	175	203	201	199	202	197	197	196	198	198
STP Inflow (MG/month)	18.7	18.1	24.9	16.3	13.0	22.1	24.8	14.4	12.1	13.0	12.0	12.5	89
SEWER OVERFLOW W/O's													
North Zone	0	2	3	4	2	1	1	2	1	1	1	1	7
South Zone	6	3	1	1	1	1	1	1	1	1	2	1	7

Water Table 3 Zonal Water Use Statistics – FY2019

ZONAL NRW - March 2019					ZONAL NRW - FY2019 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	96,000	61,461	34,539	36%	1	4,787,500	373,992	4,413,508	92%
2	15,854,900	6,246,842	9,608,058	61%	2	101,887,600	27,670,291	74,217,309	73%
3	499,300	0	499,300	100%	3	4,258,484	150,540	4,107,944	96%
4	915,300	333,310	581,990	64%	4	5,566,900	1,103,150	4,463,750	80%
5	20,000	0	20,000	100%	5	120,000	0	120,000	100%
6	1,660,200	793,350	866,850	52%	6	12,137,300	6,924,560	5,212,740	43%
7	80,000	33,180	46,820	59%	7	252,000	1,224,680	-972,680	-386%
8	661,900	288,194	373,706	56%	8	2,617,900	1,374,246	1,243,654	48%
Total	19,787,600	7,756,337	12,031,263	60.8%	Total	131,627,684	38,821,459	92,806,225	70.5%
ZONAL WATER CONSUMPTION - March 2019					ZONAL WATER CONSUMPTION - FY2019 YTD				
Zone	awge Use - Gallons/Connection/Month				Zone	Avge Use -Gallons/Connection			
	Commescial	Govesment	Hospital	sesidential		Commercial	Government	Hospital	Residential
1	11,900	0	-	4,955	1	16,950	0	-	35,699
2	38,171	50,665	-	11,057	2	168,047	183,522	-	51,108
3	0	0	-	0	3	0	0	-	#DIV/o!
4	0	0	-	27,776	4	0	0	-	91,929
5	0	0	-	0	5	0	0	-	#DIV/o!
6	7,318	0	242,900	444	6	50,922	0	3,606,400	83,684
7	0	0	-	8,295	7	0	0	-	306,170
8	0	43,153	-	7,088	8	0	179,937	-	45,750
Total	20,909	25,691	650,600	9,780	Total	156,425	182,526	3,606,400	58,547

Work Order Summary – End March 2019

Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	1	14	14	0	9	6
INTERNAL POWER	0	0	0	0	0	0
INTERNAL SEWER	0	2	2	0	1	1
INTERNAL WATER	0	2	2	0	1	1
POWER	18	75	99	0	71	22
REVENUE	41	173	196	0	143	71
SEWER	3	22	27	0	21	4
WATER	26	173	202	0	164	35
TOTAL ALL WORK ORDERS	89	461	542		410	140

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End
INTERNAL MAINTENANCE	1.1%	3.0%	-	4.3%
INTERNAL POWER	0.0%	0.0%	-	0.0%
INTERNAL SEWER	0.0%	0.4%	-	0.7%
INTERNAL WATER	0.0%	0.4%	-	0.7%
POWER	20.2%	16.3%	76.3%	15.7%
REVENUE	46.1%	37.5%	66.8%	50.7%
SEWER	3.4%	4.8%	84.0%	2.9%
WATER	29.2%	37.5%	82.4%	25.0%
TOTAL ALL WORK ORDERS			74.5%	

Administration Table 1 H&S Statistics – March 2019 & FY 2019



HEALTH & SAFETY REPORT: FY2019 - March 2019

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	March 2019						YEAR TO DATE - FY2019					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	21	3,066	0	0	0	0	0	14,143	0	0	0	0	0
Maintenance	5	888	0	0	0	0	0	5,654	0	0	0	0	0
Power Distribution - Line	23	3,730	0	0	0	0	0	18,589	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	7,118	0	0	0	0	0
Water & Sewer	28	4,419	0	0	0	0	0	17,692	0	0	0	0	0
Water & Sewer Contractors	0	0	0	0	0	0	0	5,353	0	0	0	0	0
Fin, Admin, Cust Care	18	2,702	0	0	0	0	0	15,637	0	0	0	0	0
Tonoas Contractors	7	1,202	0	0	0	0	0	1,202	0	0	0	0	0
TOTAL	102	16,006	0	0	0	0	0	85,389	0	0	0	0	0

FA - Number of First Aid cases Total Hours Without Incident: - Whole Company 755,003

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	March 2019		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	21	220	0	220
Maintenance	5	0	0	0
Power Distribution - Line	23	95	0	95
Power Distribution - Contractors	0	0	0	0
Water & Sewer	28	169	0	169
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	18	119	0	119
Tonoas Contractors	7	0	0	0
TOTAL	95	603	0	603
Sick Hours as Percentage of Total Hours Worked		3.8%	0.0%	3.8%

Year To Date FY2019		
Total Hours Sick	Accident Related	Poor Health
220	0	220
107	0	107
205	0	205
260	0	260
841	0	406
2,127	0	412
253	0	253
0	0	0
4,014	0	1,864
4.7%	0.0%	2.2%

DEPARTMENT	Number of Staff	March 2019		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	21	7.2%	0.0%	7.2%
Maintenance	5	0.0%	0.0%	0.0%
Power Distribution - Line	23	2.5%	0.0%	2.5%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	28	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	18	4.4%	0.0%	4.4%
Tonoas Contractors	7	0.0%	0.0%	0.0%
TOTAL	95	3.8%	0.0%	3.8%

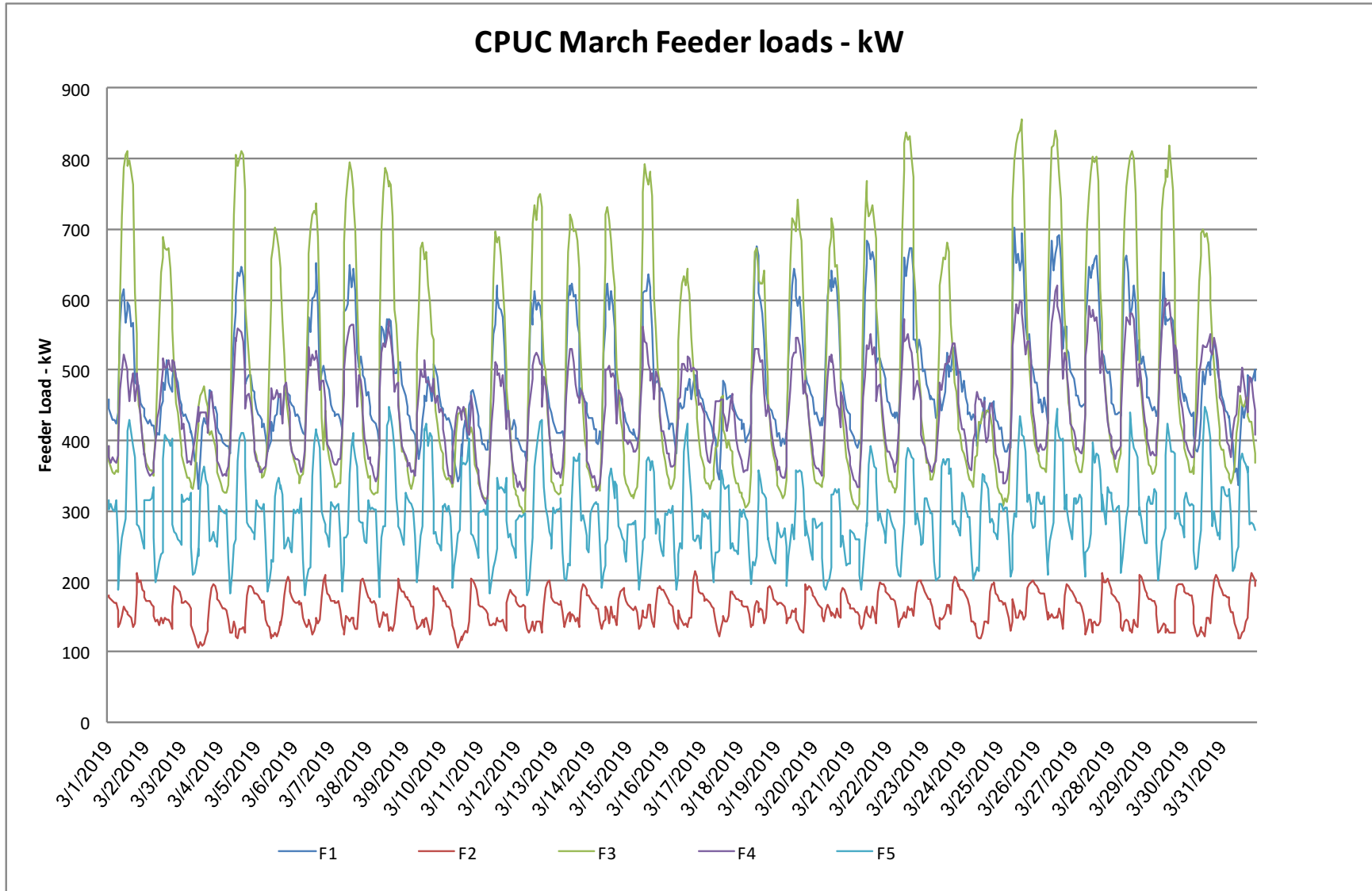
Administration Table 2 Attendance Summary – March 2019 & FY 2019

DEPARTMENT	March 2019								YEAR TO DATE - FY2019							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours
		Regular	Overtime						Regular	Overtime						
Power Generation	21	2,887	179	0	220	111	3,396	216	13,201	942	269	604	584	15,601	224	3.9%
Maintenance	5	842	45	0	0	16	904	8	5,334	320	241	139	279	6,313	19	2.2%
Power Distribution - Line	23	3,398	332	0	95	332	4,157	89	17,150	1,439	1,042	574	1,443	21,647	89	2.7%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	7,113	5	0	16	8	7,142	0	0.2%
Water & Sewer	28	3,937	482	0	169	183	4,770	31	15,756	1,937	678	592	858	19,820	47	3.0%
Water & Sewer Contractors	0	0	0	0	0	0	0	0	5,353	0	165	64	0	5,582	0	1.1%
Fin, Admin, Cust Care	18	2,539	164	0	119	206	3,027	8	14,646	991	756	1,116	1,766	19,275	15	5.8%
Tonoas Contractors	7	1,202	0	0	0	0	1,202	0	1,202	0	0	0	0	1,202	0	0.0%
TOTAL EMPLOYEES	102	14,805	1,201	0	603	848	17,456	352	79,754	5,635	3,151	3,104	4,938	95,381	393	3.3%
REGULAR STAFF	95	13,603	1,201	0	603	848	16,254	352	66,086	5,630	2,986	3,024	4,930	82,657	393	
Hours as % of Total Hours Claimed		83.7%	7.4%	0.0%	3.7%	5.2%		2.2%	80.0%	6.8%	3.6%	3.7%	6.0%		0.5%	
CONTRACT STAFF	0	0	0	0	0	0	0	0	12,466	5	165	80	8	12,724	0	
Hours as % of Total Hours Claimed		-	-	-	-	-		-	98.0%	0.0%	1.3%	0.6%	0.1%		0.0%	

CAPEX Table 1 Capex Summary Sheet – March 2019

Chuuk Public Utility Corporation Capex Summary Sheet as of March 31, 2019								
	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	225,102	41,196	0	212,149	54,149	-12,953
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	360,682	360,682	0	389,318	415,000	335,000	54,318
FY 2019 Professional management - D19AF0008	204,400	204,400	0	204,400	0	0	204,400	0
Total	1,016,298	626,980	585,784	41,196	389,318	627,149	389,149	41,365

Graph Showing Feeder Loads in kW – March 2019



Graph Showing Generation Output in kW - March 2019

