

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:
FY2020 - February 2020



Issued: 17 March 2020

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Feb-20	YTD FY2020	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Feb-20	FY2020	Feb-20	FY2020
Revenue	616,511	3,346,988	0.513	0.519	0.459	0.463
Variable Costs	325,264	1,665,974	0.271	0.258	0.242	0.231
Fixed Costs	176,508	956,004	0.147	0.148	0.131	0.132
Total Expenses	501,772	2,621,977	0.417	0.407	0.373	0.363
Operating result	114,740	725,010	0.095	0.112	0.085	0.100
		kWh				
Power generation	1,344,583	7,223,918				
<i>Diesel</i>	1,267,637	6,879,485				
<i>Solar</i>	76,946	344,433				
Solar PV as % of Total Generation	5.7%	4.8%				
Avoided Cost of Fuel - US\$	16,420	74,155				
Tons of CO2 Avoided	53.0	238.5				
Government Sales	190,536	1,053,728	Feeder	Conns	Feb-20	FY2020
Commercial Sales	594,261	3,214,946	F1	505	323,618	1,704,099
Residential Sales	356,186	1,859,332	F2	490	104,649	547,145
Intercompany Sales	61,083	332,181	F3	400	365,333	1,900,453
Sales Accrual	0	-10,658	F4	393	275,522	1,547,975
Total Sales	1,202,067	6,449,530	F5	502	115,784	673,828
Power Loss	10.6%	10.7%	Total	2,289		6,373,499
Operating ratio	0.83	0.78	NB - Error on Total and Feeder sales YTD is <1.2%; 19,037 kWh station use is not included			
Water Produced - Gallons	17,312,400	100,292,300				
Water Sold - Gallons	8,337,425	45,557,616				
Non Revenue Water	51.8%	54.6%				

Daily generated output in February was 46,365 kWh/day; 0.8% lower than January. Average daily sales were 41,451 kWh/day – 0.8% lower than January. Total power loss was 10.6% (10.7% YTD).

Average fuel efficiency for February was 14.67 kWh/gallon.

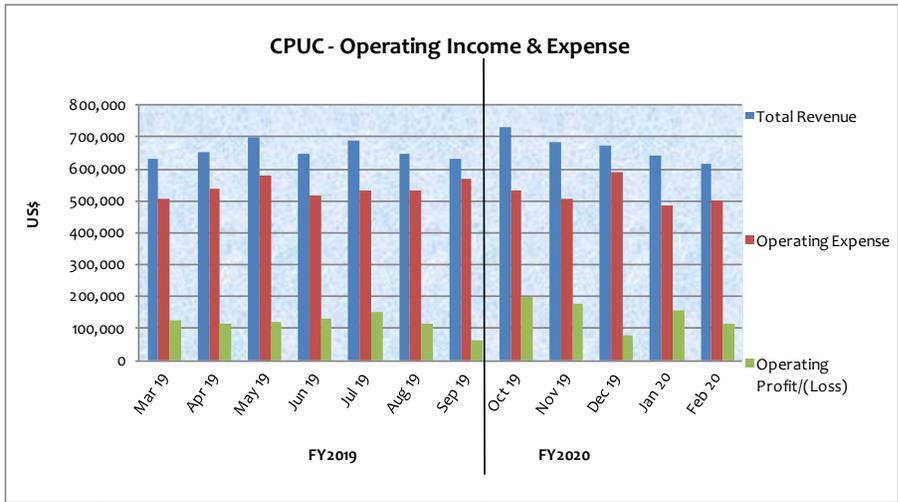
The split of power users for total sales throughout February was as follows:

Government – 15.9%; Commercial – 49.4%; Residential – 29.6%; Intercompany 5.1%; Accrual 0.0%;

Solar PV generation increased in February to 76,946 kWh or 5.7% of total generation. The avoided cost of fuel was US\$16,420 and the amount of Carbon Dioxide avoided was 53.0 tons.

The February operating result was US\$114,740 or 0.83; with a positive OR after depreciation and interest of US\$148,693 YTD this is building on the efficiency gains put in place by management in 2019.

1 FINANCIAL PERFORMANCE GRAPHS

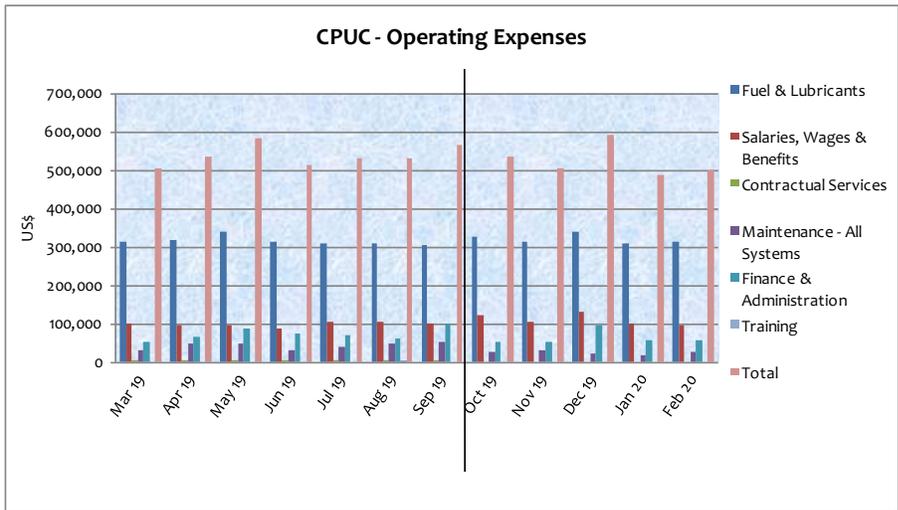


1.1 Key Points:

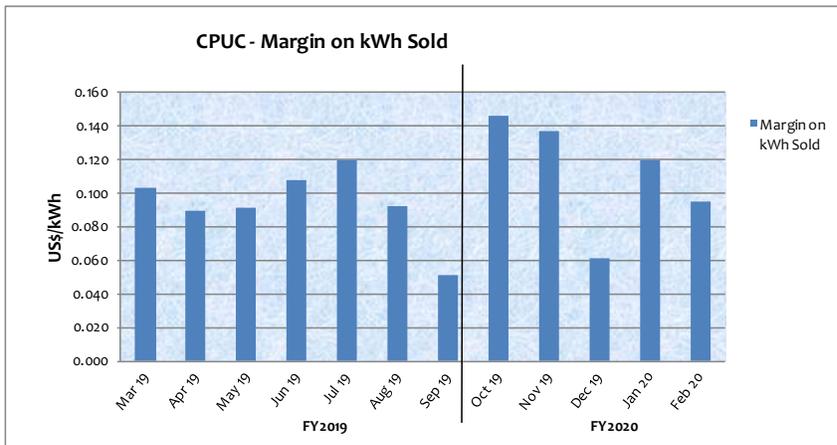
FY2020 Operating income before Depreciation & Interest :

FY2020 US\$610,270

Operating ratio: FY2020 0.78;

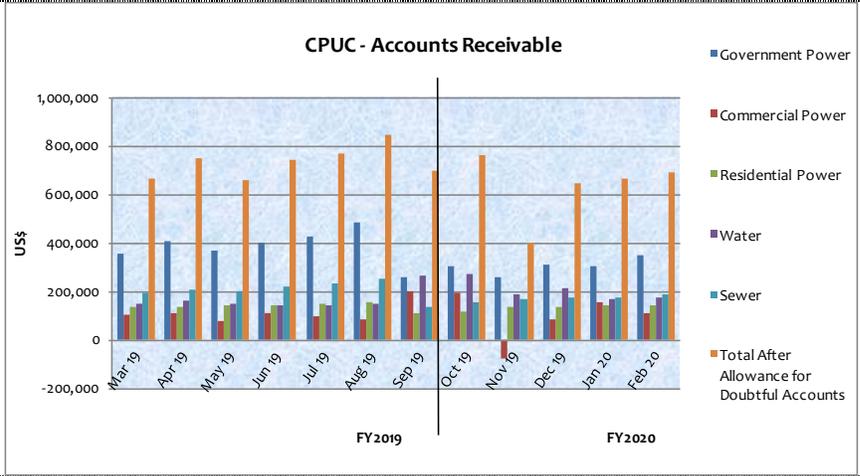


1.2 Key Points:

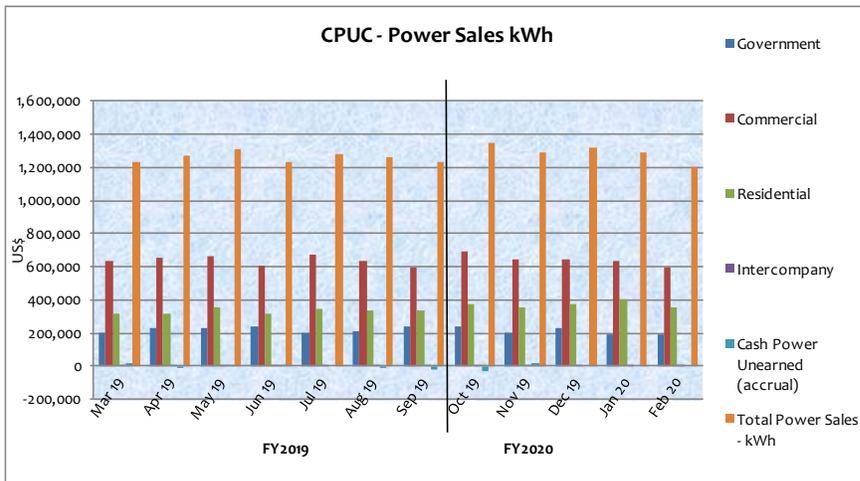


1.3 Key Points:

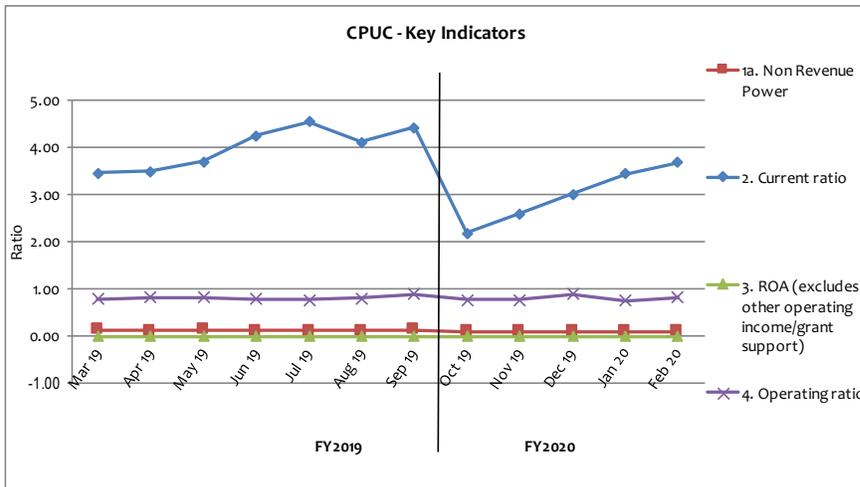
YTD US\$0.089 kWh sold.



1.4 Key Points:

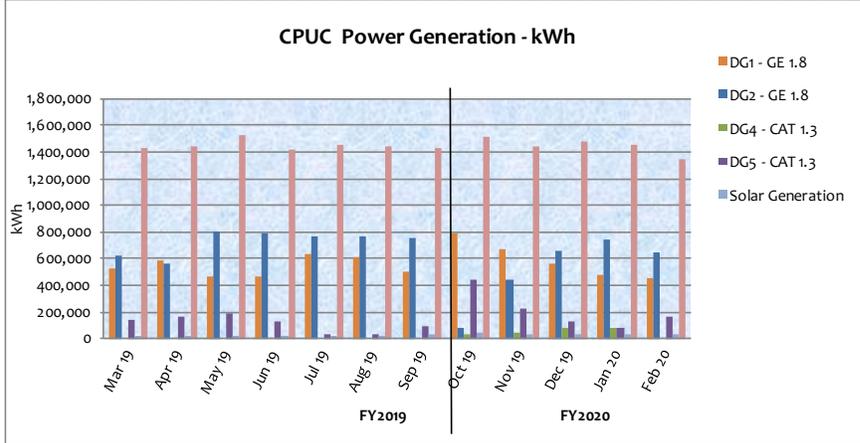


1.5 Key Points:

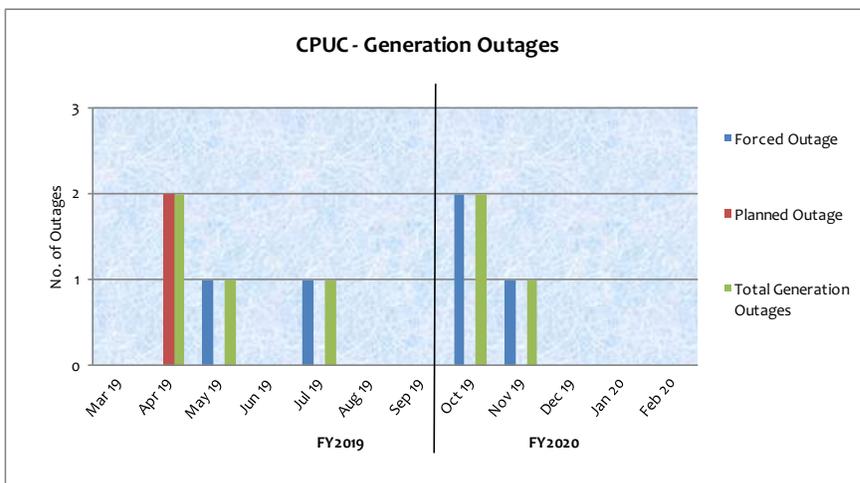


1.6 Key Points:

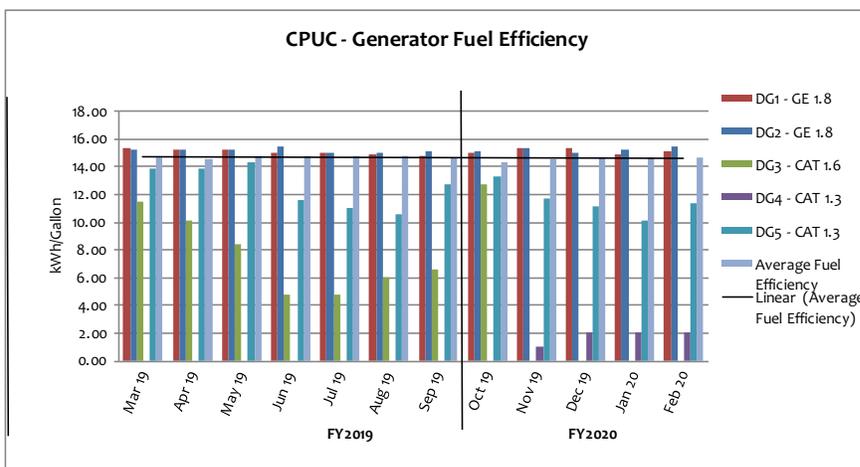
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

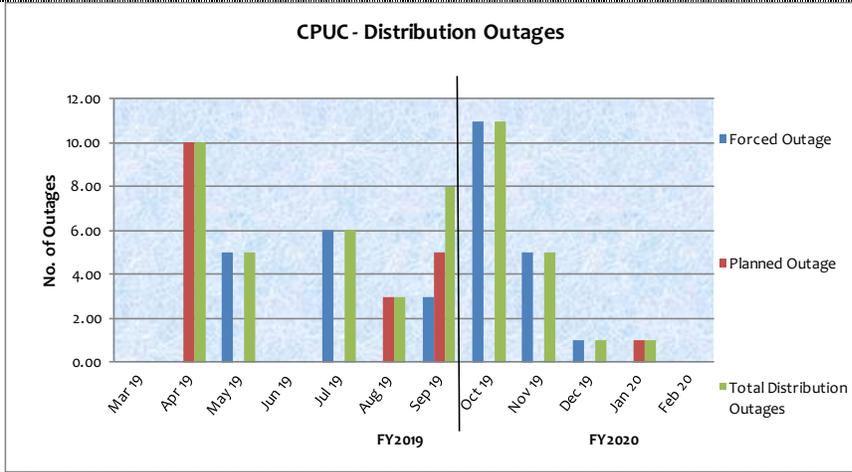


2.2 Key Points:

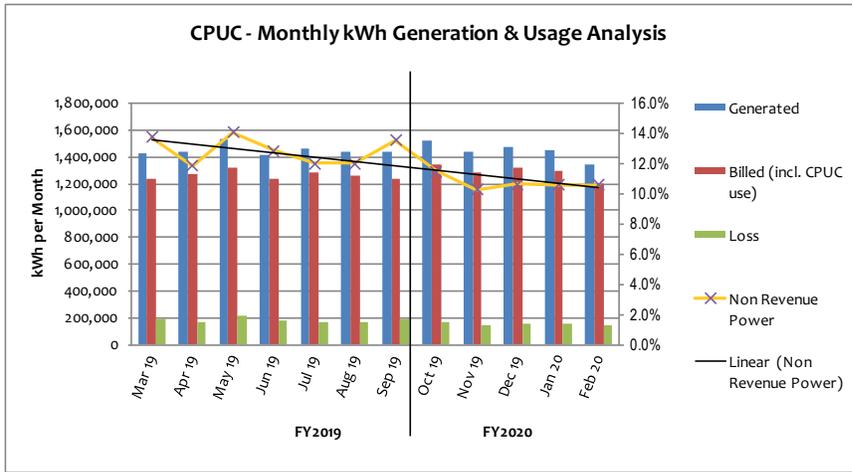


2.3 Key Points:

Avg fuel efficiency in FY2020 14.7 kWh/gall.

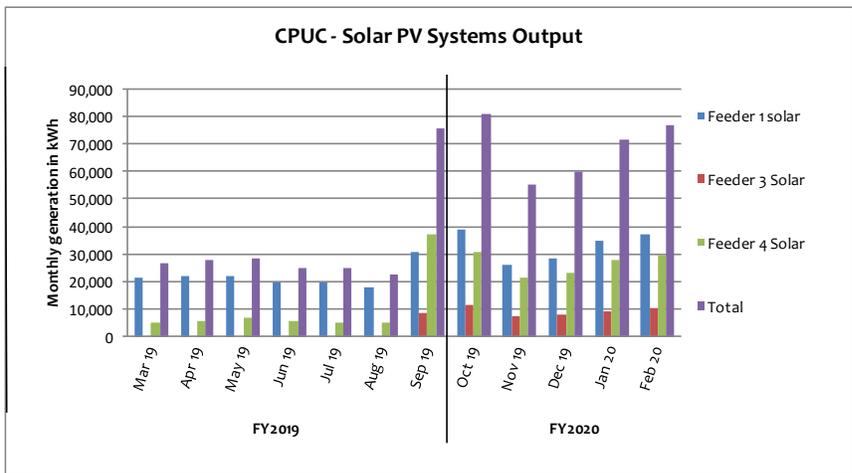


2.4 Key Points



2.5 Key Points:

Power loss for January 2020 – 10.6%;
YTD 10.7%;



2.6 Key Points:

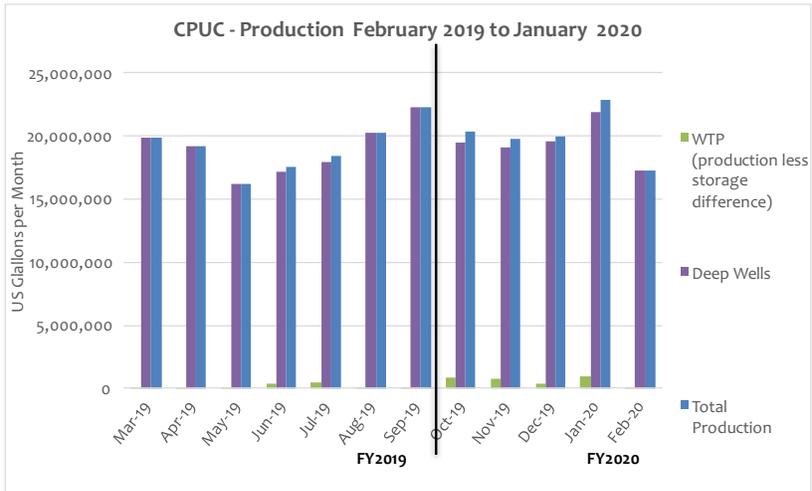
Following completion of the WB solar PV project (additional 400 kWp of solar PV)

Solar PV accounted for 5.0% of CPUC generation in January 2020;

The avoided cost of fuel was:
US\$15,463

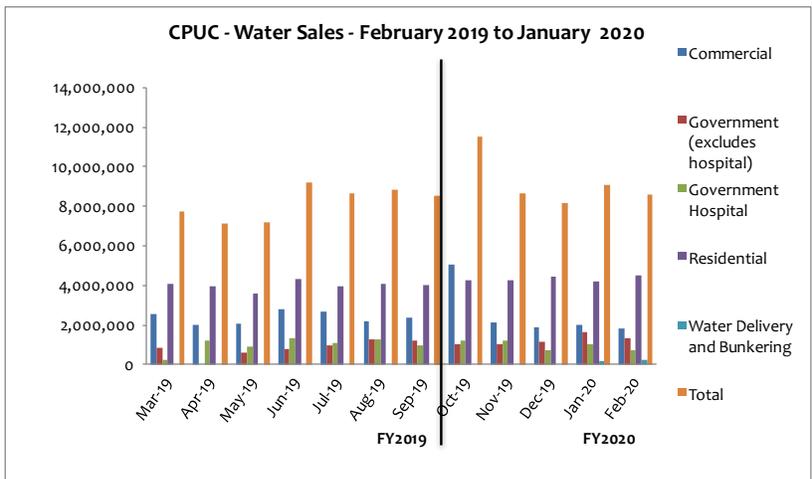
Avoided Tons of CO₂ was 49.5 Tons;

3 WATER PERFORMANCE GRAPHS

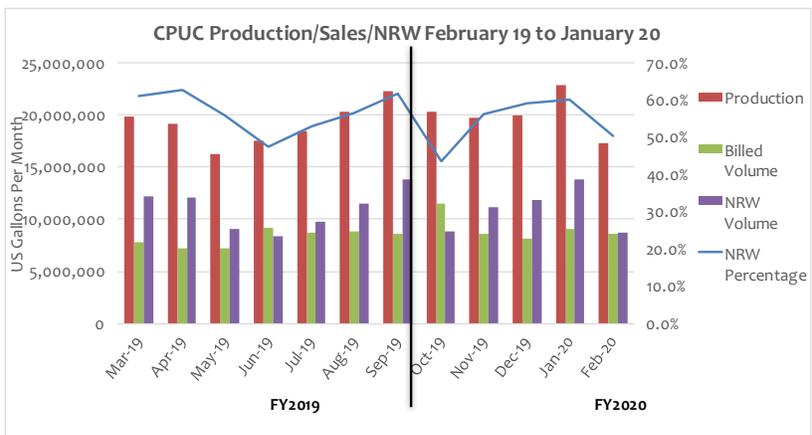


1 Key Points:

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 – March 2019 to February 2020

Revenue - US\$	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Operating revenue:														
a. Power Sales	568,002	594,657	623,984	584,423	607,271	586,974	563,399	614,741	601,355	609,757	584,082	556,748	7,018,756	2,966,683
b. Water Sales	28,961	30,872	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	337,219	176,225
c. Sewer Sales	14,646	15,832	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	172,002	82,901
d. Other operating revenue	20,829	9,348	34,898	10,349	30,511	9,708	21,194	47,474	32,758	20,819	6,703	13,426	208,790	121,178
Revenue - Total	632,439	650,709	701,637	648,847	686,776	647,007	631,154	731,180	683,675	672,402	643,219	616,511	7,736,766	3,346,988
Expenses - US\$														
Fuel & Lubricants	312,148	318,439	338,876	314,459	309,642	309,098	306,466	328,534	315,199	338,732	308,006	314,668	3,799,614	1,605,139
Salaries, Wages & Benefits	102,212	97,018	98,743	90,353	107,044	105,970	102,394	122,607	106,746	132,481	103,474	98,551	1,179,800	563,860
Contractual Services	5,762	4,996	5,316	5,077	5,298	5,372	4,992	0	0	0	0	0	73,902	0
O&M - Power Generation	5,747	10,542	21,962	14,283	18,010	22,190	24,300	5,271	7,758	7,570	5,130	8,270	209,237	34,000
O&M - Power Distribution	12,231	12,053	10,265	4,302	3,741	8,258	5,713	8,579	13,343	5,132	3,598	4,160	97,075	34,812
O&M - Water	5,726	5,154	3,710	996	1,551	2,026	10,659	1,524	963	1,919	2,952	1,906	41,704	9,263
O&M - Sewer	262	0	421	600	0	6,025	36	0	64	2,047	0	334	9,921	2,445
Finance & Administration Overheads	39,494	52,298	77,357	63,218	57,763	45,990	84,748	44,063	42,864	82,437	43,564	48,821	691,996	261,749
Vehicle & Eq. Fuel	9,244	23,045	13,952	10,860	17,865	11,034	12,789	12,400	7,913	7,569	7,527	14,466	157,624	49,876
CPUC Power Usage (incl. in O&M from Oct 15)	12,206	13,066	10,970	11,705	11,967	14,380	15,451	11,369	11,640	13,772	13,458	10,596	154,062	60,835
Training	0	0	0	0	0	146	0	0	0	0	0	0	146	0
Expense - Total	505,033	536,611	581,571	515,853	532,881	530,488	567,548	534,346	506,490	591,660	487,710	501,772	6,415,080	2,621,977
Operating Income/(Loss)	127,406	114,097	120,065	132,994	153,895	116,518	63,606	196,834	177,184	80,743	155,509	114,740	1,321,686	725,010
Non-Cash Expenses - US\$														
Depreciation	118,520	118,520	118,520	118,520	118,520	118,520	-115,228	110,553	110,553	110,553	110,553	110,553	1,188,491	552,766
Interest Expense	5,188	5,188	5,188	5,188	5,188	5,188	26,320	4,712	4,712	4,712	4,712	4,712	83,390	23,561
Non-Cash Expense - Total - US\$	123,708	123,708	123,708	123,708	123,708	123,708	-88,909	115,265	115,265	115,265	115,265	115,265	1,271,881	576,327
Net Income/(Loss) - excluding grant support - US\$	3,698	-9,611	-3,643	9,286	30,187	-7,190	152,515	81,569	61,919	-34,523	40,244	-526	49,806	148,683
Non-operating Income (Grant Support) - US\$	0	26,571	-27,657	0	14,194	-4,802	154,012	3,875	100	4,906	2,869	285,789	0	297,539
Net Income/(Loss) - including grant support - US\$	3,699	16,960	-31,300	9,286	44,381	-11,992	306,527	85,444	62,019	-29,617	43,113	285,263	49,806	446,223

Financial Table 2 Cash Flow and A/R Report – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Cash Flow Report - US\$														
Receipts	560,338	571,094	752,602	536,996	616,328	478,101	733,594	696,175	485,013	353,595	276,019	675,755	6,993,347	2,486,557
Disbursements	815,182	469,484	520,832	525,879	716,012	418,765	435,517	765,524	436,275	610,983	562,243	298,591	6,590,718	2,673,616
Net receipts/Disbursements	-254,844	101,610	231,770	11,117	-99,683	59,336	298,077	-69,349	48,738	-257,388	-286,224	377,164	402,629	-187,059
Cash balance (beginning)	1,183,756	928,912	1,030,522	1,262,292	1,273,409	1,173,725	1,233,061	1,531,138	1,461,789	1,510,527	1,253,139	966,915	1,128,509	1,531,138
Cash balance (end)	928,912	1,030,522	1,262,292	1,273,409	1,173,725	1,233,061	1,531,138	1,461,789	1,510,527	1,253,139	966,915	1,344,079	1,531,138	1,253,139
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)	927,218	1,028,828	1,260,598	1,271,715	1,172,031	1,231,367	1,529,444	1,460,095	1,508,834	1,251,445	965,221	1,342,386	1,529,444	1,251,445
Stocks	1,044,682	1,095,392	1,085,816	1,203,022	1,230,406	1,283,714	1,195,812	1,238,083	1,248,598	1,318,648	1,364,002	1,405,956	1,195,812	1,318,648
Trade Receivable	665,151	751,264	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	698,514	645,973
Prepaid Lease	282,703	280,671	278,640	276,608	274,576	272,545	269,879	267,817	265,756	263,694	261,632	259,570	269,879	263,694
Collateral with Vital Inc.	649,881	649,881	649,881	649,881	649,881	649,881	649,881	649,881	649,881	356,424	356,424	356,424	649,881	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	948,973	1,005,347	985,819	907,996	838,841	974,661	921,301	1,878,938	1,463,333	1,184,206	969,440	1,031,390	921,301	1,184,206
Loans Payable	3,936,453	3,927,640	3,927,640	3,940,136	3,777,534	3,773,435	3,855,776	3,856,389	3,857,003	3,857,616	3,713,980	3,710,296	3,855,776	3,857,616
Total Accounts Receivable (to date) - US\$														
Government Power	356,369	408,056	366,946	402,465	425,435	484,014	256,352	306,623	258,904	309,013	303,403	352,052	256,352	309,013
Commercial Power	105,986	108,470	79,490	113,226	95,490	85,852	201,305	192,522	-74,706	85,190	152,423	109,501	201,305	85,190
Residential Power	133,425	137,780	140,179	143,299	150,849	153,848	113,464	118,368	138,429	139,125	141,644	140,080	113,464	139,125
Water	151,706	163,463	150,682	139,937	141,361	149,569	265,746	268,594	187,729	211,066	169,057	176,710	265,746	211,066
Sewer	193,229	209,061	199,443	217,467	232,854	249,370	137,211	154,133	165,810	177,143	174,399	187,140	137,211	177,143
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	665,151	751,264	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	698,514	645,973

Financial Table 3 Power Sales Report – March 2019 to February 2020

Power Sales Report	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019 YTD	FY2020 YTD
Power Sales US\$	\$	\$												
Government - Post Paid	78,489	89,656	89,941	86,253	78,496	76,883	81,013	73,834	68,515	68,227	65,172	69,827	963,911	345,575
Government - Pre Paid (Cash Power)	29,986	42,001	40,141	39,592	26,309	35,142	45,122	46,967	26,723	40,855	22,728	20,303	457,692	157,576
Government Streetlights	3,083	2,940	3,038	2,941	3,038	3,038	2,940	3,038	2,940	3,038	3,038	2,842	36,293	14,898
Solar	3,998	3,998	3,998	3,998	3,998	3,998	3,998	2,680	2,788	2,788	-6,672	2,680	47,979	4,265
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	115,556	138,596	137,118	132,784	111,841	119,062	133,074	126,520	100,966	114,909	84,267	95,652	1,505,875	522,314
Commercial - Post Paid	239,394	255,743	258,844	240,595	267,872	240,669	230,215	243,113	228,596	234,092	214,159	195,224	2,953,579	1,115,185
Commercial - Pre Paid (Cashpower)	90,016	90,529	94,978	90,697	93,796	99,586	78,824	106,176	83,183	75,751	90,051	90,396	1,080,406	445,558
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	329,410	346,272	353,822	331,292	361,668	340,255	309,039	349,289	311,779	309,843	304,210	285,621	4,033,986	1,560,742
Residential - Post Paid	7,327	7,085	5,880	4,501	3,973	5,380	6,211	6,234	6,411	6,053	6,397	6,167	73,621	31,262
Residential - Pre Paid (Cashpower)	136,588	137,594	156,856	141,797	155,624	149,087	145,643	155,492	137,200	146,764	165,763	144,538	1,723,466	749,757
Residential Scratch Card Sales	13,746	15,623	16,637	15,382	16,674	15,302	17,543	18,249	14,506	14,526	5,649	9,376	188,513	62,307
Residential Total	157,661	160,302	179,373	161,680	176,271	169,769	169,397	179,975	158,117	167,343	177,809	160,082	1,985,600	843,326
Trade Power Sales Total	602,627	645,170	670,313	625,756	649,780	629,087	611,510	655,784	570,863	592,095	541,355	541,355	7,525,461	2,926,382
Intercompany - CPUC Office	1,417	1,417	1,520	1,434	1,443	1,730	1,428	1,625	1,608	1,209	1,144	1,189	16,965	6,774
Intercompany - CPUC Power Operation	3,461	3,517	3,252	3,324	3,633	3,163	3,090	3,449	3,168	2,681	3,195	3,609	38,006	16,101
Intercompany - CPUC Water Operations	5,075	6,720	5,641	5,412	5,477	5,885	6,105	5,482	5,642	5,353	5,902	5,413	69,124	27,792
Intercompany - CPUC Sewer Operations	7,131	6,346	5,329	6,293	6,490	8,495	9,346	5,887	5,998	8,418	7,556	5,183	84,938	33,043
Cash Power UnEarned	6,464	-7,116	1,248	1,182	2,070	-1,101	-8,550	-13,369	14,077	0	0	0	-13,411	708
Provision on Rate Refund	-58,173	-61,397	-63,319	-58,977	-61,621	-60,285	-59,530	2,680	2,788	2,788	-6,672	2,680	-702,328	
Total Power Sales - US\$	568,002	594,657	623,984	584,423	607,271	586,974	563,399	661,538	604,144	612,545	577,410	559,428	7,018,756	3,015,064
Power Sales kWh	kWh	kWh												
Government - Post Paid	132,491	149,022	152,036	154,814	140,930	139,618	151,356	142,289	138,483	138,682	132,039	139,586	1,655,387	691,078
Government - Pre Paid (Cash Power)	54,779	75,583	71,680	70,486	47,515	63,919	82,025	89,223	53,456	82,055	45,456	40,573	820,299	310,765
Government - Street Lights	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	10,377	124,524	51,885
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	197,647	234,982	234,094	235,676	198,822	213,914	243,758	241,889	202,316	231,114	187,872	190,536	2,600,210	1,053,728
Commercial - Post Paid	463,469	488,861	487,611	442,981	493,900	448,454	445,765	482,158	475,171	487,922	446,317	406,249	5,582,156	2,297,817
Commercial - Pre Paid (Cashpower)	170,678	168,992	175,885	167,430	175,747	187,969	148,697	209,668	173,334	158,508	187,606	188,012	2,009,351	917,129
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	634,148	657,853	663,496	610,411	669,647	636,423	594,462	691,827	648,505	646,430	633,923	594,261	7,591,507	3,214,946
Residential - Post Paid	14,671	13,976	11,492	8,802	7,774	10,643	12,675	13,553	14,268	13,210	14,203	13,712	144,944	68,946
Residential - Pre Paid (Cashpower)	274,659	272,140	307,620	277,165	309,023	298,353	291,286	326,389	304,957	327,671	368,362	320,911	3,395,343	1,648,290
Residential Scratch Card Sales	27,348	32,598	32,434	32,142	30,657	30,460	32,839	37,560	32,036	30,608	20,329	21,563	369,106	142,096
Residential Total	316,678	318,714	351,546	318,109	347,454	339,456	336,800	377,510	351,261	371,489	402,894	356,186	3,909,393	1,859,332
Trade Power Sales Total	1,148,473	1,211,548	1,249,136	1,164,196	1,215,922	1,189,793	1,175,020	1,311,217	1,202,083	1,249,034	1,224,689	1,140,984	14,101,110	6,128,007
Intercompany - CPUC Office	5,624	5,624	6,031	5,689	5,727	6,864	5,665	6,447	6,380	4,798	4,538	4,717	67,321	26,880
Intercompany - CPUC Power Operation	13,735	13,955	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	150,819	63,894
Intercompany - CPUC Water Operations	20,139	26,666	22,385	21,476	21,733	23,354	24,226	21,754	22,389	21,243	23,419	21,479	274,303	110,284
Intercompany - CPUC Sewer Operations	28,296	25,183	21,147	24,973	25,754	33,711	37,087	23,362	23,802	33,406	29,986	20,567	337,056	131,123
Cash Power Unearned (accrual)	14,106	-11,940	3,183	2,497	0	-2,787	-16,195	-31,992	21,334	0	0	0	-28,820	-10,658
Total Power Sales - kWh	1,230,373	1,271,036	1,314,788	1,232,020	1,283,551	1,263,488	1,238,066	1,344,474	1,288,559	1,319,121	1,295,309	1,202,067	14,901,789	6,449,530

Financial Table 4 Water Sales Report – March 2019 to February 2020

Water/Sewer Sales Report	Mar 19	Mar 20	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	5,740	10,312	8,252	11,075	10,159	12,735	10,722	10,965	11,212	9,216	13,583	10,232	97,425	55,207
Commercial	12,287	10,538	11,067	13,812	12,413	10,018	10,925	23,856	10,731	9,631	10,403	9,769	126,928	64,390
Residential	10,933	10,022	8,799	11,163	11,034	11,055	11,104	11,422	10,965	11,424	11,075	11,742	112,866	56,628
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28,961	30,872	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	337,219	176,225
Sewer Sales - US\$														
Government	2,621	4,903	3,888	5,212	4,737	6,085	5,082	5,140	5,311	4,232	6,550	4,722	46,111	25,954
Commercial	9,172	8,109	8,109	9,972	9,335	8,176	7,065	14,818	8,324	5,081	8,000	7,641	96,201	43,864
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	2,853	2,820	2,638	2,840	1,316	2,255	1,663	2,765	3,018	2,243	2,824	2,233	29,690	13,083
Residential with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sewer Sales	14,646	15,832	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	172,002	82,901
Total Water & Sewer Sales	43,607	46,703	42,754	54,075	48,994	50,324	46,562	68,965	49,562	41,827	52,434	46,338	509,221	259,126
Water Sales - Gallons														
Government	1,171,324	2,082,353	1,676,591	2,820,480	2,062,463	2,573,732	2,168,805	2,217,890	2,266,142	1,864,998	2,742,328	2,070,505	20,597,070	11,161,863
Commercial	2,527,990	2,172,440	2,290,800	2,240,915	2,541,618	2,071,859	1,991,420	4,837,672	2,212,519	1,983,716	2,145,166	2,035,925	25,588,330	13,214,998
Residential	4,090,082	3,757,416	3,337,700	4,136,772	4,067,450	4,190,115	4,126,504	4,451,291	4,159,672	4,335,469	4,003,328	4,230,995	43,836,459	21,180,755
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,789,396	8,012,209	7,305,091	9,198,167	8,671,531	8,835,706	8,286,729	11,506,853	8,638,333	8,184,183	8,890,822	8,337,425	90,021,859	45,557,616

Financial Table 5 Key Performance Indicators – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
1a. Non Revenue Power	13.8%	11.9%	14.0%	12.9%	12.0%	12.0%	13.6%	11.5%	10.3%	10.6%	10.6%	10.6%	13.7%	10.7%
Total Power Generated - kWh	1,426,566	1,442,047	1,529,633	1,414,079	1,458,882	1,435,835	1,432,266	1,518,766	1,435,814	1,475,863	1,448,892	1,344,583	17,267,831	7,223,918
Total Power Billed - kWh	1,230,373	1,271,036	1,314,788	1,232,020	1,283,551	1,263,488	1,238,066	1,344,474	1,288,559	1,319,121	1,295,309	1,202,067	14,901,789	6,449,530
Generation Loss (actual from Jun 17)	24,392	25,454	25,480	24,504	25,321	24,268	17,928	20,133	18,951	15,436	17,215	1,344,583	284,350	1,416,318
Distribution Loss Derived - kWh	136,137	109,505	151,124	122,203	113,538	112,183	140,466	116,190	92,409	104,410	100,146	-1,235,681	1,649,996	-822,527
Commercial Loss (assumed 2.5%) - kWh	35,664	36,051	38,241	35,352	36,472	35,896	35,807	37,969	35,895	36,897	36,222	33,615	431,696	180,598
Total Loss - kWh	196,193	171,011	214,846	182,058	175,330	172,348	194,200	174,292	147,255	156,742	153,583	142,516	2,366,042	774,388
Distribution loss %	9.5%	7.6%	9.9%	8.6%	7.8%	7.8%	9.8%	7.7%	6.4%	7.1%	6.9%	-91.9%	9.6%	-11.4%
1b. Non Revenue Water	60.6%	58.0%	55.0%	48.7%	52.9%	56.4%	62.9%	43.4%	56.3%	59.1%	61.1%	51.8%	63.4%	54.6%
Water Produced (million gallons)	19.79	19.07	16.25	17.93	18.41	20.28	22.32	20.34	19.78	19.99	22.87	17.31	246	100
Water Billed (million gallons)	7.79	8.01	7.31	9.20	8.67	8.84	8.29	11.51	8.64	8.18	8.89	8.34	90	46
2. Current ratio	3.47	3.51	3.71	4.26	4.56	4.12	4.42	2.19	2.60	3.02	3.46	3.69	4.42	2.60
	3.22	3.24	3.46	3.98	4.29	3.85	4.18	2.07	2.48	2.81	3.19	3.42	4.18	2.48
	9.69	10.56	11.28	12.16	10.33	11.54	11.52	5.62	6.82	10.16	12.87	13.27	11.52	6.82
	6.73	8.14	7.89	8.56	7.98	7.67	4.68	2.26	3.20	4.46	7.21	8.32	4.68	3.20
3. ROA (excludes other operating income/grant support)	0.26%	0.22%	0.25%	0.28%	0.38%	0.22%	0.88%	0.33%	0.26%	-0.14%	0.17%	0.00%	3.1%	0.6%
Power Business	0.59%	0.56%	0.61%	0.56%	0.74%	0.55%	0.36%	0.44%	0.40%	0.01%	0.31%	0.11%	6.2%	1.3%
Water Business	-0.75%	-0.98%	-0.88%	-0.24%	-0.36%	-0.50%	5.25%	1.07%	0.62%	-0.07%	0.25%	0.18%	-3.1%	2.1%
Sewer Business	-0.91%	-0.96%	-1.05%	-0.84%	-1.05%	-1.08%	1.69%	-0.45%	-0.54%	-0.90%	-0.56%	-0.61%	-9.2%	-3.1%
4. Operating ratio	0.80	0.82	0.83	0.80	0.78	0.82	0.90	0.78	0.78	0.91	0.77	0.83	0.83	0.78
Power Business	0.76	0.78	0.79	0.77	0.74	0.78	0.83	0.77	0.75	0.86	0.74	0.80	0.79	0.76
Water Business	0.93	1.01	0.97	0.75	0.82	0.83	1.23	0.64	0.81	1.06	0.82	0.89	0.98	0.71
Sewer Business	1.98	2.08	2.38	1.66	2.32	2.29	2.79	1.26	1.56	3.06	1.58	1.82	2.28	1.74
5. Days in Accounts Receivable	32.63	35.14	29.75	34.81	35.22	39.88	34.36	34.67	18.46	30.73	32.40	34.32	33.87	25.37
Power Business	22.99	24.96	20.57	25.48	25.26	28.84	22.53	22.89	9.54	19.01	22.42	23.17	21.30	24.77
Water Business	111.12	116.22	113.47	84.88	92.95	100.14	174.56	132.36	101.39	151.52	105.70	119.34	206.27	118.00
Sewer Business	279.85	289.84	288.55	263.83	334.37	341.78	213.74	154.58	176.96	333.10	220.06	274.86	208.80	258.76

Power Table 1 Power Operation Indicators – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019 YTD	FY2019 YTD
Generation Statistics														
Diesel Generation - kWh	1,400,164	1,414,321	1,501,140	1,388,955	1,433,851	1,413,110	1,356,393	1,437,738	1,380,811	1,416,194	1,377,105	1,267,637	16,910,468	6,879,485
Peak Generation - kW	2,752	2,936	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,943	2,968
Fuel Consumption - Gallons	95,213	97,160	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	1,145,000	471,663
Average Fuel Price (\$/Gallon)	3.13	3.17	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	3.88	15.70
Load Factor (%)	68%	65%	70%	65%	69%	69%	66%	68%	66%	68%	71%	66%	67%	66%
Capacity Factor (%)	49%	52%	51%	52%	50%	49%	52%	53%	51%	51%	48%	48%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	1300%	1400%	1500%	100%	100%
Reserve Plant Margin (%)	183%	166%	171%	170%	180%	182%	170%	163%	172%	172%	189%	188%	168%	165%
Solar PV Generation - kWh	26,402	27,726	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	357,363	344,433
Solar Generation %	1.9%	1.9%	1.9%	1.8%	1.7%	1.6%	5.3%	5.3%	3.8%	4.0%	5.0%	5.7%	2.1%	4.8%
Peak PV Generation -kW	206	217	223	196	196	178	593	633	430	466	561	601	1,713	3,966
Avoided Fuel - Gallons	1,795	1,905	1,929	1,700	1,686	1,535	5,157	5,653	3,770	4,060	4,896	5,246	24,197	23,615
Avoided Cost of Fuel - US\$	5,612	6,044	6,306	5,564	5,278	4,832	16,068	17,762	11,819	12,729	15,463	16,420	78,510	74,155
Tons of CO2 avoided	18.1	19.2	19.5	17.2	17.0	15.5	52.1	57.1	38.1	41.0	49.5	53.0	244.4	238.5
Labour Productivity (kWh/Emp/d)	1,563	1,578	1,675	1,550	1,600	1,577	1,514	1,605	1,541	1,581	1,537	1,415	1,448	1,414
SFOC (kWh/gal)	14.71	14.56	14.77	14.78	14.84	14.80	14.71	14.33	14.59	14.70	14.66	14.67	14.77	14.59
DG1 - GE 1.8	15.31	15.20	15.24	15.02	14.99	14.89	14.82	15.07	15.40	15.37	14.96	15.18	15.04	15.20
DG2 - GE 1.8	15.19	15.21	15.30	15.43	14.97	15.03	15.08	15.14	15.32	15.04	15.20	15.42	15.15	15.23
DG3 - CAT 1.6	11.45	10.12	8.42	4.81	4.81	5.99	6.55	12.79	0.00	0.00	0.00	0.00	10.29	12.87
DG4 - CAT 1.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	2.00	12.45	14.58
DG5 - CAT 1.3	13.88	13.88	14.33	11.64	11.02	10.54	12.75	13.35	11.74	11.15	10.18	11.42	13.28	12.08
SLOC (kWh/gal)	2,174	1,811	5,342	4,891	1,565	3,758	3,237	3,754	1,531	1,570	2,214	2,078	2,917	2,012
DG1 - GE 1.8	1,242	2,986	3,257	3,538	1,322	3,211	2,263	5,027	1,464	1,220	1,059	3,180	2,409	1,775
DG2 - GE 1.8	4,854	0	0	0	0	0	0	0	0	0	0	0	3,157	1,903
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	1,183	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	42	0
DG5 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	1,283	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forced Outage Factor (%)	0.00%	0.00%	0.04%	0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.01%
Planned Outage Factor (%)	0.00%	0.01%	0.00%	0.00%	0.00%	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 (%)	25.9%	27.6%	27.1%	27.2%	26.2%	26.0%	27.2%	27.9%	27.0%	27.0%	25.4%	25.5%	27.4%	27.7%
Distribution Losses (%)	9.5%	7.6%	9.9%	8.6%	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.8%	0.0%
SAIDI (hours/consumer)	0.00	0.01	0.06	0.00	0.10	0.20	0.13	0.05	0.05	0.27	0.20	0.00	0.70	0.56
SAIFI	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.024	0.011
Average Cost (\$/kWh)	0.21	0.21	0.22	0.22	0.21	0.21	0.20	0.21	0.21	0.20	0.20	0.20	0.215	0.205

Power Table 2 Power Generation Statistics – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	523,052	591,227	462,521	470,551	631,714	606,787	497,801	794,341	670,376	558,984	472,454	457,961	6,417,815	2,954,116
DG2 - GE 1.8	621,248	566,575	807,131	786,294	768,085	769,655	755,515	85,201	435,578	657,724	738,693	642,824	8,642,917	2,560,020
DG3 - CAT 1.6	112,399	94,643	48,041	3,059	337	419	5,687	93,821	0	0	0	563	384,549	94,384
DG4 - CAT 1.3	0	0	0	0	0	0	0	28,249	44,969	76,343	85,964	0	249	235,525
DG5 - CAT 1.3	143,465	161,876	183,447	129,051	33,715	36,249	97,390	436,126	229,888	123,143	79,994	166,289	1,464,938	1,035,440
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,400,164	1,414,321	1,501,140	1,388,955	1,433,851	1,413,110	1,356,393	1,437,738	1,380,811	1,416,194	1,377,105	1,267,637	16,910,468	6,879,485
PP Solar F1	0	0	0	0	0	0	11,753	17,823	11,907	13,034	15,588	16,731	11,753	75,083
High School Solar F1	21,369	21,851	21,950	19,498	19,852	17,874	18,982	21,251	14,280	15,600	19,080	20,520	234,261	90,731
PP Solar F3	0	0	0	0	0	0	8,289	11,188	7,165	7,872	9,406	10,016	8,289	45,647
Airport Roof F4	5,033	5,875	6,543	5,626	5,179	4,851	5,835	4,094	4,900	4,900	5,700	6,100	72,046	25,694
Airport Carpark F4	0	0	0	0	0	0	15,455	19,173	11,969	13,014	15,637	16,742	15,455	76,535
WWTP F4	0	0	0	0	0	0	15,559	7,499	4,782	5,249	6,376	6,837	15,559	30,743
Solar PV Generation Total (kWh)	26,402	27,726	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	357,363	344,433
Total Generation (kWh)	1,426,566	1,442,047	1,529,633	1,414,079	1,458,882	1,435,835	1,432,266	1,518,766	1,435,814	1,475,863	1,448,892	1,344,583	17,267,831	7,223,918
Maximum Demand (kW)	2,752	2,936	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,943	2,944
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)	13,735	13,955	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	150,819	63,894
Running Hours														
DG1 - GE 1.8	563	408	415	459	620	614	495	715	657	657	478	468	6,078	2,975
DG2 - GE 1.8	512	489	701	710	706	723	690	80	447	447	709	653	7,668	2,336
DG3 - CAT 1.6	179	263	44	3	3	2	7	156	0	0	0	0	696	156
DG4 - CAT 1.3	0	0	0	0	0	0	0	72	96	96	200	0	0	464
DG5 - CAT 1.3	229	257	302	219	63	73	163	660	380	380	130	288	2,317	1,838
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,483	1,417	1,462	1,391	1,392	1,412	1,355	1,683	1,580	1,580	1,517	1,409	16,759	7,769

Power Table 3 Fuel & Lube Oil Statistics – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	34,166	38,892	30,358	31,330	42,152	40,751	33,581	52,715	43,522	36,370	31,590	30,172	426,748	194,369
DG2 - GE 1.8	40,895	37,254	52,747	50,955	51,311	51,193	50,096	5,628	28,434	43,735	48,604	41,693	570,529	168,094
DG3 - CAT 1.6	9,813	9,352	5,705	636	70	70	868	7,336	0	0	0	0	37,364	7,336
DG4 - CAT 1.3	0	0	0	0	0	0	0	1,958	3,102	5,216	5,879	0	20	16,155
DG5 - CAT 1.3	10,339	11,661	12,800	11,086	3,059	3,438	7,641	32,669	19,582	11,042	7,857	14,559	110,339	85,709
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	95,213	97,160	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	1,145,000	471,663
Average Fuel Price (\$/Gallon)	3.13	3.17	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	3.24	3.14
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	265	0	0	0	265	0	0	0	193	193	181	144	795	711
DG2 - GE 1.8	0	265	0	0	265	0	0	0	74	74	176	106	1,060	430
DG3 - CAT 1.6	95	95	0	0	0	0	0	0	0	0	0	0	190	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DG5 - CAT 1.3	0	95	0	0	0	0	0	95	10	10	0	0	190	115
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	360	455	0	0	530	0	0	95	277	277	357	250	2,235	1,256
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	156	198	142	133	213	189	220	158	265	265	265	0	1,869	953
DG2 - GE 1.8	128	128	130	151	173	187	199	120	265	265	0	265	1,678	915
DG3 - CAT 1.6	0	0	9	0	0	0	0	0	0	0	0	0	9	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	6	0
DG5 - CAT 1.3	0	0	0	0	0	0	0	10	95	95	0	95	0	295
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	284	326	281	284	386	376	419	288	625	625	265	360	3,562	2,163

Power Table 4 Distribution Feeder Statistics - March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Jan 21	2019 YTD	2020 YTD
Feeder 1 Load	362,910	370,578	392,382	372,240	369,423	384,699	386,137	407,452	378,027	395,422	388,160	370,702	4,474,271	1,939,763
Feeder 2 Load	120,877	121,341	131,055	115,761	121,066	122,901	119,729	138,717	130,673	134,935	138,695	125,578	1,458,635	668,598
Feeder 3 Load	369,016	371,308	451,818	425,513	444,707	428,584	418,712	448,906	428,625	434,663	425,034	394,056	5,043,967	2,131,284
Feeder 4 Load	327,599	327,958	355,720	329,687	323,485	322,614	336,348	342,362	322,669	334,580	319,152	296,115	3,962,444	1,614,878
Feeder 5 Load	221,772	225,408	173,178	146,374	174,880	152,769	153,412	161,196	156,869	160,827	160,636	139,095	2,044,163	778,623
Total Feeder Load (kWh)	1,402,174	1,416,593	1,504,153	1,389,575	1,433,561	1,411,567	1,414,338	1,498,633	1,416,863	1,460,427	1,431,677	1,325,546	16,983,480	7,133,146
													0	0
Feeder 1 Sales	309,811	329,490	339,789	324,497	316,825	332,997	336,964	361,522	343,672	341,446	333,841	323,618	3,893,759	1,704,099
Feeder 2 Sales	108,059	102,802	103,369	100,886	95,926	106,867	104,991	106,453	114,640	123,125	98,278	104,649	1,214,353	547,145
Feeder 3 Sales	349,196	371,166	383,050	351,041	378,385	352,601	343,851	388,632	359,997	376,821	409,670	365,333	4,314,626	1,900,453
Feeder 4 Sales	301,636	312,730	333,010	312,561	309,279	317,987	298,274	314,634	312,604	327,287	317,928	275,522	3,693,340	1,547,975
Feeder 5 Sales	126,995	139,094	138,207	132,854	165,865	136,441	136,997	146,228	143,605	144,995	123,218	115,784	1,623,610	673,828
Total Feeder Sales (kWh)	1,195,698	1,255,282	1,297,424	1,221,840	1,266,279	1,246,893	1,221,077	1,317,468	1,274,517	1,313,674	1,282,935	1,184,905	14,739,689	6,373,499
Feeder 1 Loss - kWh	53,099	41,088	52,593	47,743	52,598	51,702	49,173	45,930	34,355	53,976	54,319	47,084	580,512	235,664
Feeder 2 Loss - kWh	12,818	18,539	27,686	14,875	25,140	16,034	14,738	32,264	16,033	11,810	40,417	20,929	244,282	121,453
Feeder 3 Loss - kWh	19,820	142	68,768	74,472	66,322	75,983	74,861	60,274	68,628	57,842	15,364	28,723	729,341	230,831
Feeder 4 Loss - kWh	25,963	15,228	22,710	17,126	14,206	4,627	38,074	27,728	10,065	7,293	1,224	20,593	269,104	66,903
Feeder 5 Loss - kWh	94,777	86,314	34,971	13,520	9,015	16,328	16,415	14,968	13,264	15,832	37,418	23,311	420,553	104,795
Total Feeder Loss - kWh	206,476	161,311	206,729	167,735	167,282	164,674	193,261	181,165	142,346	146,753	148,742	140,641	2,243,791	759,647
Feeder 1 Loss - %	14.6%	11.1%	13.4%	12.8%	14.2%	13.4%	12.7%	11.3%	9.1%	13.7%	14.0%	12.7%	13.0%	12.1%
Feeder 2 Loss - %	10.6%	15.3%	21.1%	12.8%	20.8%	13.0%	12.3%	23.3%	12.3%	8.8%	29.1%	16.7%	16.7%	18.2%
Feeder 3 Loss - %	5.4%	0.0%	15.2%	17.5%	14.9%	17.7%	17.9%	13.4%	16.0%	13.3%	3.6%	7.3%	14.5%	10.8%
Feeder 4 Loss - %	7.9%	4.6%	6.4%	5.2%	4.4%	1.4%	11.3%	8.1%	3.1%	2.2%	0.4%	7.0%	6.8%	4.1%
Feeder 5 Loss - %	42.7%	38.3%	20.2%	9.2%	5.2%	10.7%	10.7%	9.3%	8.5%	9.8%	23.3%	16.8%	20.6%	13.5%
Total Feeder Loss - %	14.7%	11.4%	13.7%	12.1%	11.7%	11.7%	13.7%	12.1%	10.0%	10.0%	10.4%	10.6%	13.2%	10.6%

Power Table 5 Customer Energy Use By Category and By Feeder - February 2020

Feeder	kWh/Connection		
	Residential	Commercial	Government
	kWh/Con	No. meters	kWh/Con
F01	184	1,178	6,622
F02	151	2,095	488
F03	189	2,024	911
F04	137	2,844	1,871
F05	104	2,123	286
Total	153	2,053	2,035

Power Table 6 Power Distribution Statistics – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Number of Outages (Frequency)														
Forced - Generation	0	0	1	0	1	0	0	2	1	0	0	0	2	3
Planned - Generation	0	2	0	0	0	0	0	0	0	0	0	0	2	0
Total Number of Outages (Gen)	0	2	1	0	1	0	0	2	1	0	0	0	4	3
Forced - Distribution	0	0	5	0	6	0	3	11	5	1	0	0	21	17
Feeder 1	0	0	1	0	1	0	0	2	1	0	0	0	2	3
Feeder 2	0	0	1	0	2	0	0	3	1	0	0	0	4	4
Feeder 3	0	0	1	0	1	0	3	2	1	0	0	0	5	3
Feeder 4	0	0	1	0	1	0	0	2	1	0	0	0	4	3
Feeder 5	0	0	1	0	1	0	0	2	1	1	0	0	6	4
Planned - Distribution	0	10	0	0	0	3	5	0	0	0	1	0	18	1
Feeder 1	0	2	0	0	0	1	1	0	0	0	0	0	4	0
Feeder 2	0	2	0	0	0	0	1	0	0	0	1	0	3	1
Feeder 3	0	2	0	0	0	1	1	0	0	0	0	0	4	0
Feeder 4	0	2	0	0	0	0	1	0	0	0	0	0	3	0
Feeder 5	0	2	0	0	0	1	1	0	0	0	0	0	4	0
Total Number of Outages (Dist)	0	10	5	0	6	3	8	11	5	1	1	0	39	18

Power Table 7 Power Outage Statistics – March 2019 to February 2020

	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	FY2019	FY2020 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.3
Planned - Generation	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Duration Gen Outage (Hrs)	0.0	0.1	0.3	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.3
Forced - Distribution	0.0	0.0	1.6	0.0	2.7	0.0	3.2	1.3	1.3	7.4	0.0	0.0	13.0	9.9
Feeder 1	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.4	0.5
Feeder 2	0.0	0.0	0.3	0.0	2.4	0.0	0.0	0.6	0.3	0.0	0.0	0.0	3.8	0.8
Feeder 3	0.0	0.0	0.3	0.0	0.1	0.0	3.2	0.0	0.3	0.0	0.0	0.0	3.6	0.3
Feeder 4	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.8	0.4
Feeder 5	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.3	0.3	7.4	0.0	0.0	4.5	7.9
Planned - Distribution	0.0	0.3	0.0	0.0	0.0	5.3	0.4	0.0	0.0	0.0	5.4	0.0	6.0	5.4
Feeder 1	0.0	0.1	0.0	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Feeder 2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.4	0.0	0.1	5.4
Feeder 3	0.0	0.1	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	1.9	0.0
Feeder 4	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Feeder 5	0.0	0.1	0.0	0.0	0.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	2.0	0.0
Total Duration Dist Outage (Hrs)	0.0	0.3	1.6	0.0	2.7	5.3	3.6	1.3	1.3	7.4	5.4	0.0	19.0	15.4

Water Table 1 Water Production & Sales Data Statistics – March 2019 to February 2020

COMPANY WIDE DATA	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	FY2020 YTD	
Water Production (Millions)														
WTP Production	13,300	800	8,500	365,400	422,700	800	72,800	880,000	716,800	371,600	936,700	4,500	2,909,600	
Pink Apartment Volume start of Month	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	2,910,000	
Pink Apartment Volume end of Month	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	2,910,000	
Pink Apartment Vol in to Supply/(Storage)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tankered volume for billing	113,300	113,400											0	
Well Production (into supply)	19,887,600	19,183,200	16,238,900	17,152,000	17,991,200	20,278,600	22,245,800	19,457,500	19,066,800	19,625,200	21,935,500	17,307,900	97,392,900	
Volume into network	19,787,600	19,070,600	16,247,400	17,517,400	18,413,900	20,279,400	22,318,600	20,337,500	19,783,600	19,996,800	22,872,200	17,312,400	100,302,500	
Water Volume Bill (Millions)														
Commercial	2,538,480	2,025,220	2,081,700	2,796,980	2,648,668	2,196,369	2,393,810	5,025,392	2,103,059	1,872,786	2,002,443	1,795,055	12,798,735	
Government (excludes hospital)	874,404	0	620,021	756,715	950,953	1,275,962	1,183,295	999,880	1,031,232	1,140,248	1,656,908	1,341,785	6,170,053	
Government Hospital	242,900	1,197,200	917,200	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	4,892,100	
Residential	4,100,542	3,932,696	3,565,580	4,328,972	3,969,710	4,075,175	3,992,124	4,281,681	4,275,042	4,467,149	4,175,171	4,492,685	21,691,728	
Water Delivery and Bunkering	0	0	0	0	0	0	0	0	0	0	191,500	257,500	449,000	
Water Adjustment													0	
Total	7,756,326	7,155,116	7,184,501	9,198,167	8,671,531	8,835,706	8,546,529	11,506,853	8,638,333	8,184,183	9,082,322	8,589,925	46,001,616	
NRW														
Volume	12,031,274	11,915,484	9,062,899	8,319,233	9,742,369	11,443,694	13,772,071	8,830,647	11,145,267	11,812,617	13,789,878	8,722,475	54,300,884	
Percentage	60.8%	62.5%	55.8%	47.5%	52.9%	56.4%	61.7%	43.4%	56.3%	59.1%	60.3%	50.4%	54.1%	
Invoiced Water Value (\$USD)														
Water Delivery and Bunkering													\$3,462.90	3,463
Commercial	\$12,287	\$10,538	\$11,088	\$13,812	\$12,413	\$10,018	\$10,925	\$23,856	\$10,731	\$9,631	\$10,403	\$9,835	64,457	
Government (includes hospital)	\$5,740	\$10,312	\$8,252	\$11,075	\$10,159	\$12,736	\$10,722	\$10,965	\$11,212	\$9,216	\$13,583	\$10,232	55,207	
Residential	\$10,963	\$10,022	\$8,799	\$11,163	\$11,034	\$11,351	\$11,104	\$12,027	\$11,279	\$11,772	\$10,820	\$11,733	57,632	
Total	\$28,990	\$30,871	\$28,139	\$36,051	\$33,606	\$34,105	\$32,751	\$46,848	\$33,222	\$30,619	\$70,070	\$35,263	\$180,759	
Sewer Charge (\$USD)														
Commercial	\$5,719	\$4,629	\$4,900	\$6,551	\$5,885	\$4,726	\$4,540	\$11,435	\$4,972	\$4,248	\$4,646	\$4,288	29,590	
Commercial - w/o water	\$2,447	\$2,447	\$2,447	\$2,447	\$2,447	\$2,447	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	11,897	
Government	\$2,621	\$4,903	\$3,888	\$5,212	\$4,737	\$6,085	\$5,082	\$5,140	\$5,311	\$4,232	\$6,550	\$4,722	25,954	
Residential	\$917	\$864	\$698	\$929	\$891	\$928	\$858	\$905	\$905	\$1,027	\$924	\$808	4,570	
Residential w/o water	\$2,064	\$2,036	\$1,940	\$1,940	\$1,920	\$1,920	\$1,910	\$1,910	\$1,960	\$1,971	\$1,920	\$1,936	9,698	
Total	\$13,769	\$14,878	\$13,873	\$17,080	\$15,879	\$16,105	\$14,769	\$21,769	\$15,528	\$13,858	\$16,420	\$14,134	\$81,709	

Water Table 2 Water/Sewer Connection Data – March 2019 to February 2020

COMPANY WIDE DATA	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	FY2020 YTD
Water Connection Data (No. of Connections)	444	447	468	479	485	478	478	480	478	479	483	468	468
Commercial - Billed	72	73	78	83	81	81	81	81	81	80	80	81	81
Commercial - Disconnected	0	0	0	0	0	0	0	0	0	0	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	35,257	27,743	26,688	33,699	32,700	27,116	29,553	62,042	25,964	23,410	25,031	22,161	158,009
Government - Billed	18	19	19	19	21	18	19	19	18	20	18	16	16
Government - Disconnected	1	1	1	1	1	1	1	1	1	1	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	48,578	0	32,633	39,827	45,283	70,887	62,279	52,625	57,291	57,012	92,050	83,862	385,628
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	242,900	1,197,200	917,200	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	4,892,100
Residential - Billed	353	354	370	376	382	378	377	379	378	378	384	370	370
Residential - Disconnected	4	4	3	3	3	3	3	3	3	2	2	1	1
Residential - Meter Pulled	2	2	2	3	0	1	1	1	1	1	1	1	1
Residential Avge Consumption - Gall/conn/mth	11,616	11,109	9,637	11,513	10,392	10,781	10,589	11,297	11,310	11,818	10,873	12,142	58,626
Sewer Connection Data (No. of Connections)	480	462	491	489	490	487	484	487	491	490	487	484	484
Commercial Billed	40	42	47	46	46	48	47	47	46	44	45	48	48
Commercial Billed w/o water	43	41	43	43	43	43	43	43	43	43	43	43	43
Government Billed	17	18	19	18	20	17	18	18	17	19	17	15	15
Residential Billed	182	181	189	189	190	188	186	189	190	190	191	186	186
Residential Billed w/o water	198	180	193	193	191	191	190	190	195	194	191	192	192
STP Inflow (MG/month)	12.5	13.0	12.5	13.0	13.0	16.0	17.0	13.5	14.0	16.0	17.0	13.0	74
SEWER OVERFLOW W/O's													
North Zone	1	2	1	1	1	1	1	1	1	1	0	1	4
South Zone	1	1	1	1	2	2	1	0	1	1	1	1	4

Water Table 3 Zonal Water Use Statistics – FY2020

ZONAL NRW - February 2020					ZONAL NRW - FY2020 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	48,000	23,717	24,283	51%	1	240,000	138,531	101,469	42%
2	13,544,000	5,803,880	7,740,120	57%	2	79,362,200	31,723,153	47,639,047	60%
3	10,000	29,500	-19,500	0%	3	50,000	29,600	20,400	41%
4	714,900	220,430	494,470	69%	4	4,268,900	1,111,860	3,157,040	74%
5	0	0	0	0%	5	0	13,500	-13,500	-
6	1,833,000	1,337,190	495,810	27%	6	10,825,200	8,325,290	2,499,910	23%
7	100,000	41,590	58,410	58%	7	500,000	393,100	106,900	21%
8	1,062,500	876,125	186,375	18%	8	5,056,200	3,817,613	1,238,587	24%
Total	17,312,400	8,332,432	8,979,968	51.9%	Total	100,302,500	45,552,647	54,749,853	54.6%

ZONAL WATER CONSUMPTION - February 2020					ZONAL WATER CONSUMPTION - FY2020 YTD				
Zone	Avge Use - Gallons/Connection/Month				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	0	0	-	3,387	1	0	0	-	19,786
2	23,718	44,966	-	12,140	2	169,925	236,989	-	56,614
3	29,500	0	-	0	3	5,900	0	-	0
4	0	0	-	15,745	4	0	0	-	79,419
5	0	0	-	0	5	0	0	-	0
6	9,060	0	702,900	468	6	55,629	0	4,892,100	78,046
7	0	0	-	5,199	7	0	0	-	49,138
8	0	200,549	-	6,701	8	0	831,546	-	44,238
Total	62,278	245,515	702,900	43,640	Total	313,646	424,864	10,404,000	118,120

Work Order Summary – End February 2020

Work Order Performance February 2019						
Work Order Type	WO at Start of	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	6	5	5	0	0	11
INTERNAL POWER	4	0	0	0	0	4
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	0	0	0	0	0	0
POWER	29	11	11	0	1	39
REVENUE	42	12	15	0	3	51
SEWER	32	19	20	0	8	43
WATER	209	205	208	0	124	290
TOTAL ALL WORK ORDERS	322	252	259		136	438
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End		
INTERNAL MAINTENANCE	1.9%	2.0%	-	2.5%		
INTERNAL POWER	1.2%	0.0%	-	0.9%		
INTERNAL SEWER	0.0%	0.0%	-	0.0%		
INTERNAL WATER	0.0%	0.0%	-	0.0%		
POWER	9.0%	4.4%	2.5%	8.9%		
REVENUE	13.0%	4.8%	5.6%	11.6%		
SEWER	9.9%	7.5%	15.7%	9.8%		
WATER	64.9%	81.3%	30.0%	66.2%		
TOTAL ALL WORK ORDERS			23.7%			

Administration Table 1 H&S Statistics – February 2020



HEALTH & SAFETY REPORT: FY2020 - February 2020

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	February 2020						YEAR TO DATE - FY2020					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	23	3,675	0	0	0	0	0	17,033	0	0	0	0	0
Maintenance	5	846	0	0	0	0	0	4,417	0	0	0	0	0
Power Distribution - Line	21	3,319	0	0	0	0	0	15,782	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Water & Sewer	26	4,024	0	0	0	0	0	21,271	0	0	0	0	0
Water & Sewer Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Fin, Admin, Cust Care	20	3,044	0	0	0	0	0	14,113	0	0	0	0	0
TOTAL	95	14,909	0	0	0	0	0	72,618	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident - Whole Company 926,240

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	February 2020		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	23	76	0	76
Maintenance	5	8	0	8
Power Distribution - Line	21	256	0	256
Power Distribution - Contractors	0	0	0	0
Water & Sewer	26	235	0	235
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	20	113	0	113
TOTAL	95	687	0	687

Year To Date FY2020		
Total Hours Sick	Accident Related	Poor Health
513	0	513
35	0	35
1,137	0	1,137
0	0	0
1,001	0	1,001
0	0	0
510	0	510
3,196	0	3,196

Sick Hours as Percentage of Total Hours Worked	4.6%	0.0%	4.6%
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4.4%	0.0%	4.4%
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DEPARTMENT	Number of Staff	February 2020		
		Sick Hours as Percentage of Total Hours Worked	Accident Related	Poor Health
Power Generation	23	2.1%	0.0%	2.1%
Maintenance	5	0.9%	0.0%	0.9%
Power Distribution - Line	21	7.7%	0.0%	7.7%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	26	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	20	3.7%	0.0%	3.7%
TOTAL	95	4.6%	0.0%	4.6%

Administration Table 2 Attendance Summary – February 2020 & FY 2020

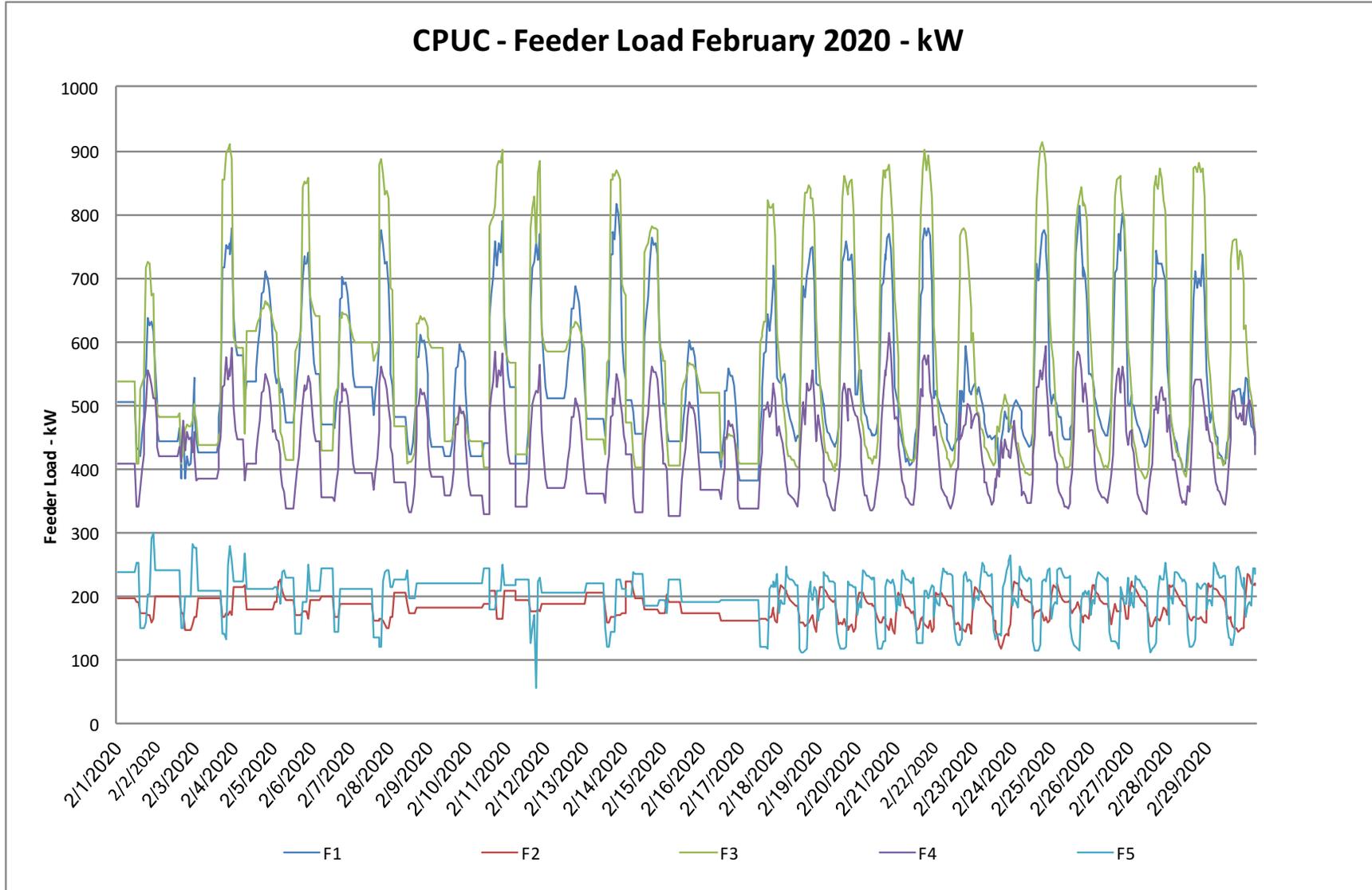
DEPARTMENT	February 2020								YEAR TO DATE - FY2020							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claimed
		Regular	Overtime						Regular	Overtime						
Power Generation	23	3,513	162	0	76	91	3,842	9	15,919	1,114	616	513	1,267	19,429	306	2.6%
Maintenance	5	813	33	0	8	12	866	0	3,828	589	212	35	351	5,015	13	0.7%
Power Distribution - Line	21	3,166	153	0	256	62	3,636	0	14,967	816	1,089	1,137	1,862	19,870	150	5.7%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Water & Sewer	26	3,682	342	0	235	186	4,445	18	19,197	2,074	1,103	1,001	908	24,283	317	4.1%
Water & Sewer Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Fin, Admin, Cust Care	20	2,892	152	0	113	106	3,263	14	13,307	806	814	510	1,604	17,041	50	3.0%
TOTAL EMPLOYEES	95	14,066	843	0	687	457	16,052	42	67,219	5,399	3,833	3,196	5,991	85,638	835	3.7%

REGULAR STAFF	95	14,066	843	0	687	457	16,052	42	67,219	5,399	3,833	3,196	5,991	85,638	835	
Hours as % of Total Hours Claimed		87.6%	5.3%	0.0%	4.3%	2.8%		0.3%	78.5%	6.3%	4.5%	3.7%	7.0%		1.0%	

CAPEX Table 1 Capex Summary Sheet – February 2020

Chuuk Public Utility Corporation Capex Summary Sheet as of February 29, 2020								
	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	266,298	0	0	266,298	0	0
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	375,864	375,864	0	374,136	415,000	335,000	39,136
FY 2019 Professional management - D19AF0008	204,400	204,400	190,551	13,849	0	89,268	115,132	-101,283
Total	1,016,298	846,562	832,713	13,849	374,136	770,566	450,132	-62,147

Graph Showing Feeder Loads in kW - February 2020



Graph Showing Generation Output in kW – February 2020

