

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2020 - January 2020



Issued: 29 February 2020

Table of Contents

EXECUTIVE SUMMARY	3
1 FINANCIAL PERFORMANCE GRAPHS	4
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS	6
3 WATER PERFORMANCE GRAPHS	8
Financial Table1 P & L Statement – February 2019 to January 2020	9
Financial Table 2 Cash Flow and A/R Report – February 2019 to January 2020	10
Financial Table 3 Power Sales Report – February 2019 to January 2020.....	11
Financial Table 4 Water Sales Report – February 2019 to January 2020	12
Financial Table 5 Key Performance Indicators – February 2019 to January 2020	13
Power Table 1 Power Operation Indicators – February 2019 to January 2020.....	14
Power Table 2 Power Generation Statistics – February 2019 to January 2020.....	15
Power Table 3 Fuel & Lube Oil Statistics – February 2019 to January 2020	16
Power Table 4 Distribution Feeder Statistics - February 2019 to January 2020.....	17
Power Table 5 Customer Energy Use By Category and By Feeder – January 2020	18
Power Table 6 Power Distribution Statistics – February 2019 to January 2020.....	18
Power Table 7 Power Outage Statistics – February 2019 to January 2020	19
Water Table 1 Water Production & Sales Data Statistics – February 2019 to January 2020.....	20
Water Table 2 Water/Sewer Connection Data – February 2019 to January 2020	21
Water Table 3 Zonal Water Use Statistics – FY2020	22
Work Order Summary – End January 2020.....	23
Administration Table 1 H&S Statistics – January 2020	24
Administration Table 2 Attendance Summary – January 2020 & FY 2020.....	25
CAPEX Table 1 Capex Summary Sheet – December 2019	26
Graph Showing Feeder Loads in kW – January 2020	27
Graph Showing Generation Output in kW – January 2020	28

EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Jan-20	YTD FY2020	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Jan-20	FY2020	Jan-20	FY2020
Revenue	643,219	2,730,476	0.497	0.520	0.444	0.464
Variable Costs	321,464	1,340,710	0.248	0.255	0.222	0.228
Fixed Costs	166,246	779,496	0.128	0.149	0.115	0.133
Total Expenses	487,710	2,120,206	0.377	0.404	0.337	0.361
Operating result	155,509	610,270	0.120	0.116	0.107	0.104
		kWh				
Power generation	1,448,892	5,879,335				
Diesel	1,377,105	5,611,848				
Solar	71,787	267,487				
Solar PV as % of Total Generation	5.0%	4.5%				
Avoided Cost of Fuel - US\$	15,463	57,704				
Tons of CO2 Avoided	49.5	185.5				
Government Sales	187,872	863,192	Feeder	Conns	Jan-20	FY2020
Commercial Sales	633,923	2,620,685	F1	505	333,841	1,380,481
Residential Sales	402,894	1,503,146	F2	490	98,278	442,496
Intercompany Sales	70,620	271,098	F3	400	409,670	1,535,120
Sales Accrual	0	-10,658	F4	393	317,928	1,272,452
Total Sales	1,295,309	5,247,463	F5	502	123,218	558,044
Power Loss	10.6%	10.7%	Total	2,289	1,282,935	5,188,594
Operating ratio	0.77	0.78	NB - Error on Total and Feeder sales YTD is <1.2%; 17,215 kWh station use is not included			
Water Produced - Gallons	22,872,200	82,979,900				
Water Sold - Gallons	8,890,822	37,220,191				
Non Revenue Water	61.1%	55.1%				

Daily generated output in January was 46,738 kWh/day; 1.8% lower than December. Average daily sales were 41,784 kWh/day – 1.8% lower than December. Total power loss was 10.6% (10.7% YTD).

Average fuel efficiency for January was 14.67 kWh/gallon.

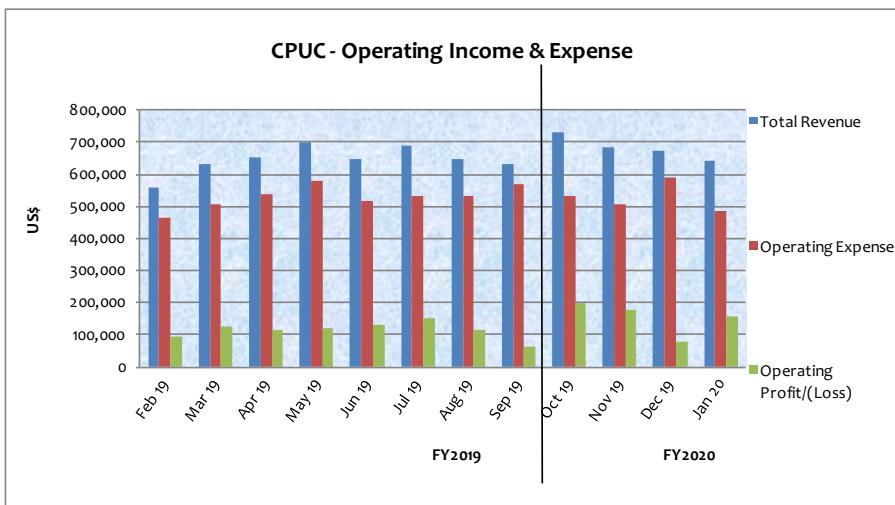
The split of power users for total sales throughout January was as follows:

Government – 14.5%; Commercial – 48.9%; Residential – 31.1%; Intercompany 5.5 %; Accrual 0.0%;

Solar PV generation increased in January to 71,787 kWh or 5.0% of total generation. The avoided cost of fuel was US\$15,463 and the amount of Carbon Dioxide avoided was 49.5 tons.

The January operating result was US\$155,509 or 0.77; with a positive OR after depreciation and interest of US\$149,209 YTD this is building on the efficiency gains put in place by management in 2019.

1 FINANCIAL PERFORMANCE GRAPHS

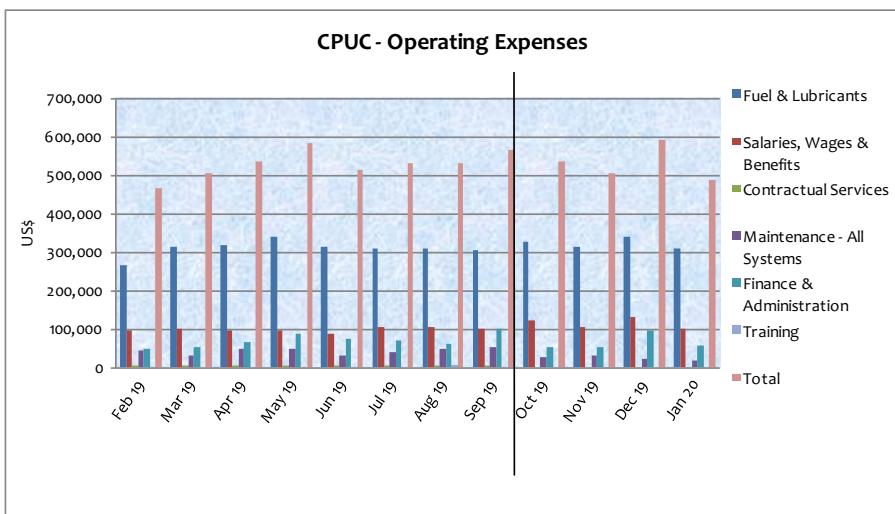


1.1 Key Points:

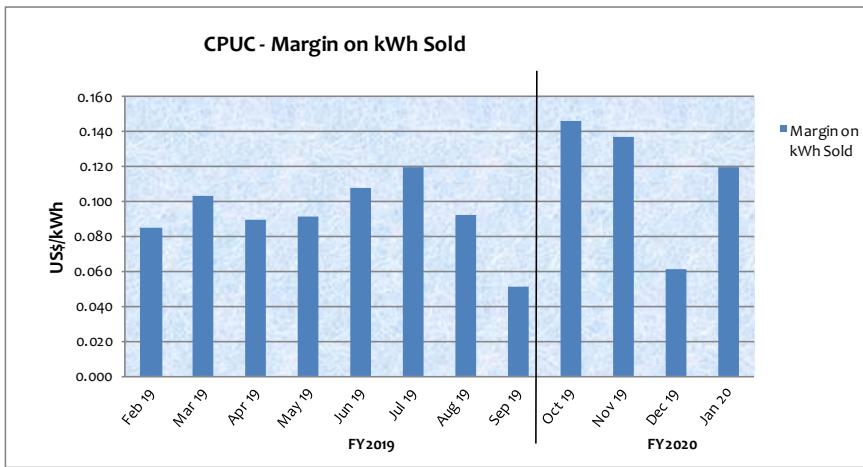
FY2020 Operating income before Depreciation & Interest :

FY2020
US\$610,270

Operating ratio:
FY2020 0.78;

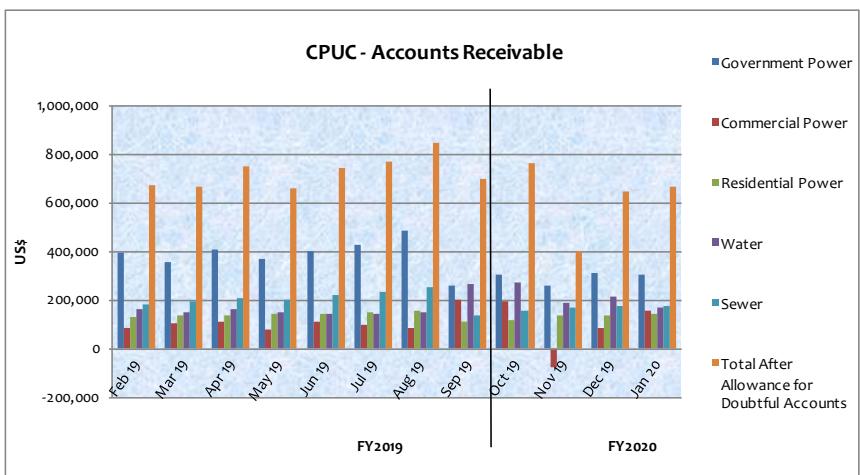


1.2 Key Points:

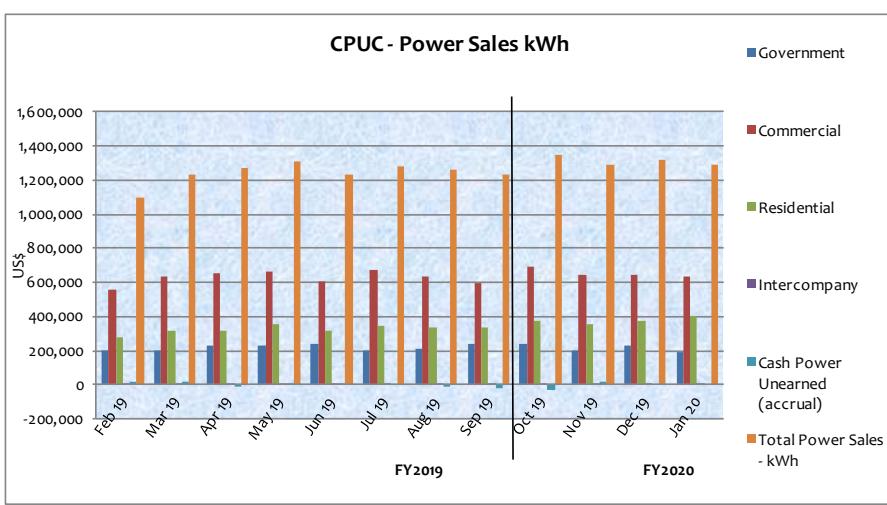


1.3 Key Points:

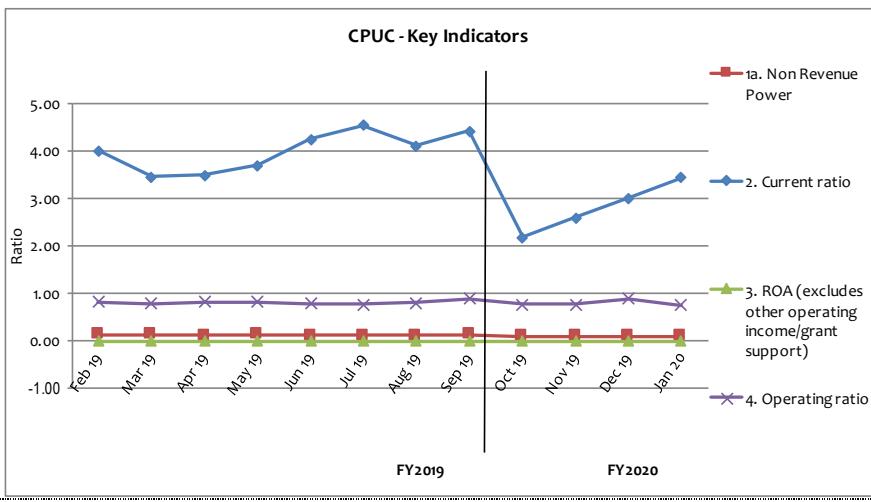
YTD US\$0.089 kWh sold.



1.4 Key Points:

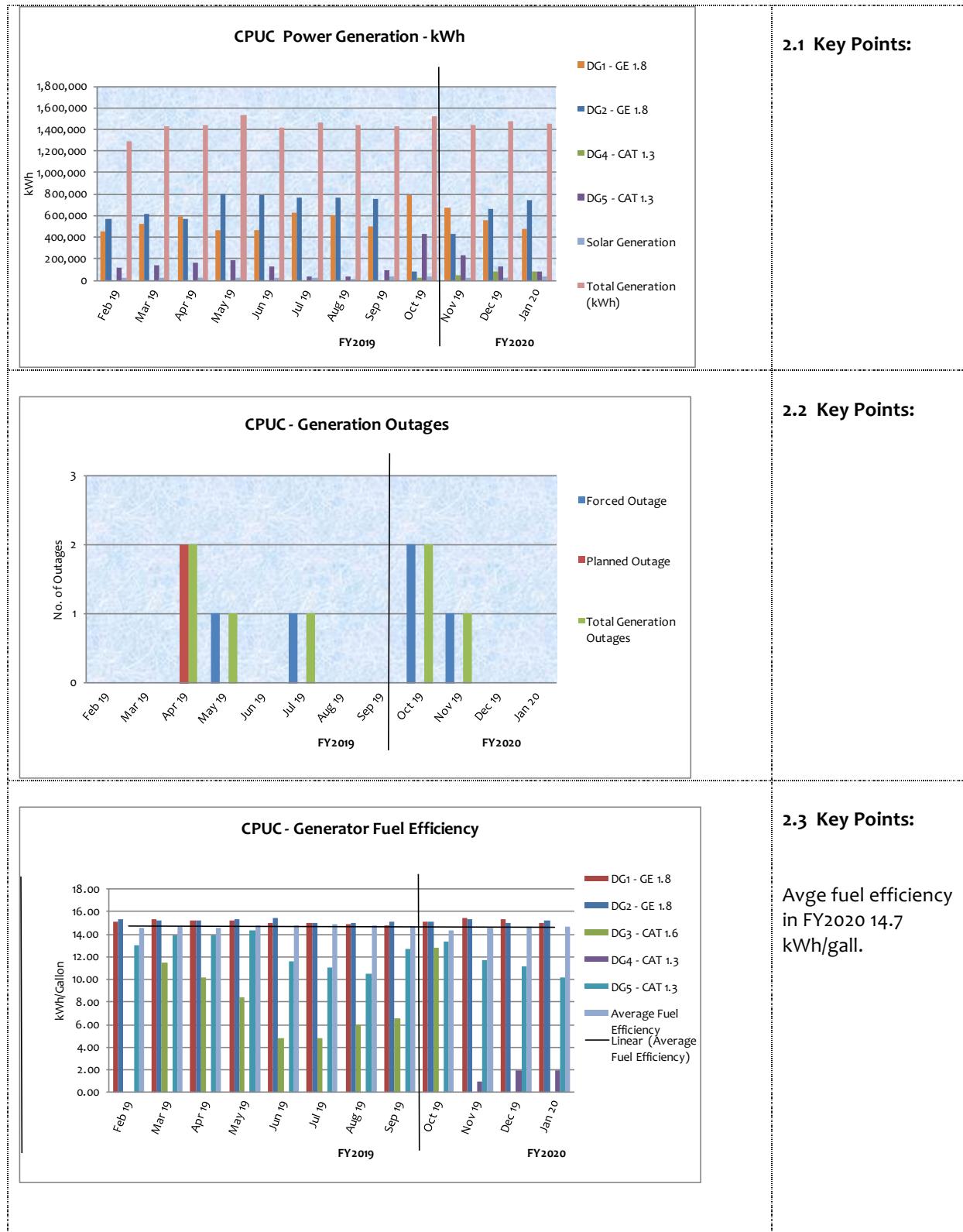


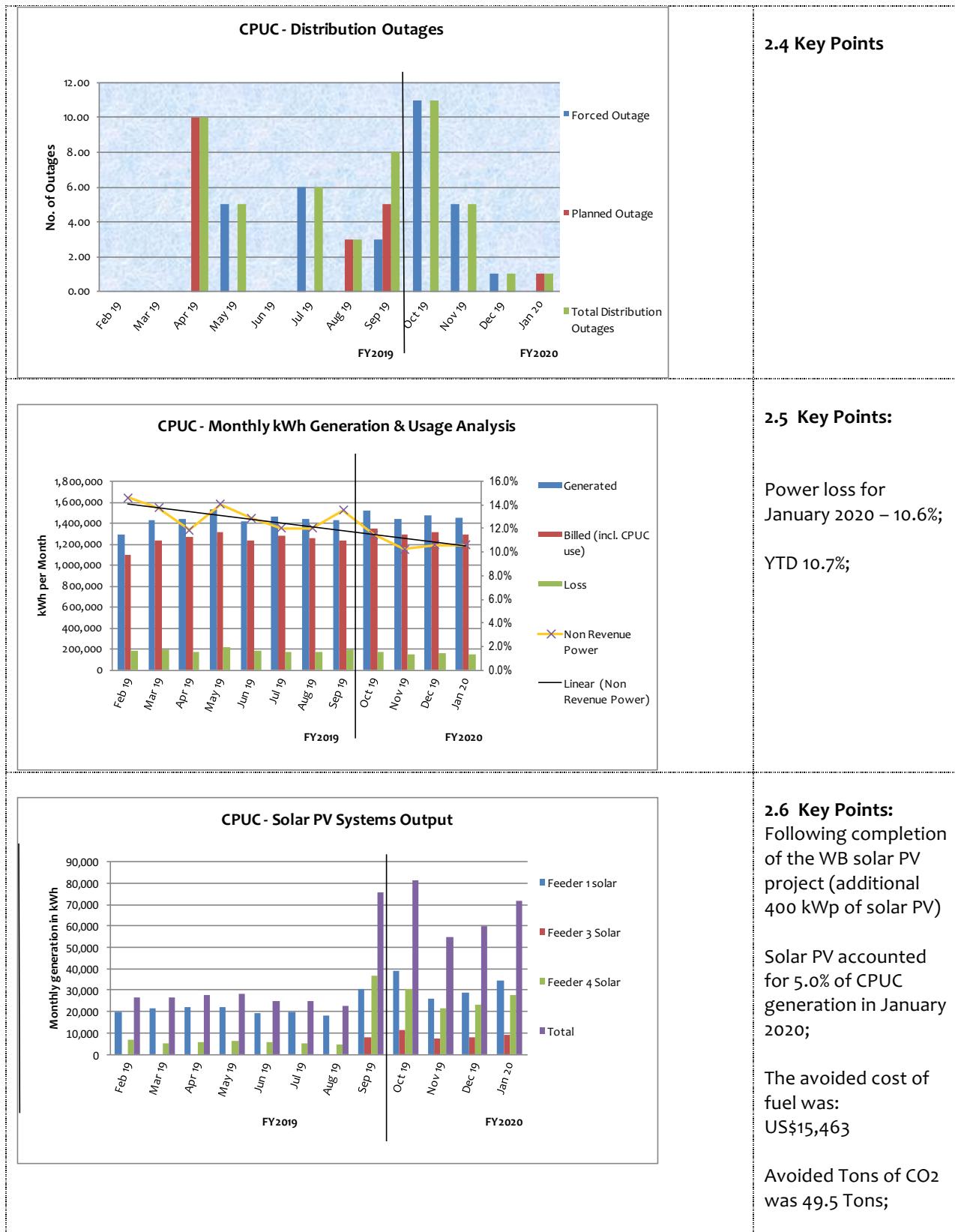
1.5 Key Points:



1.6 Key Points:

2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS





2.4 Key Points

2.5 Key Points:

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

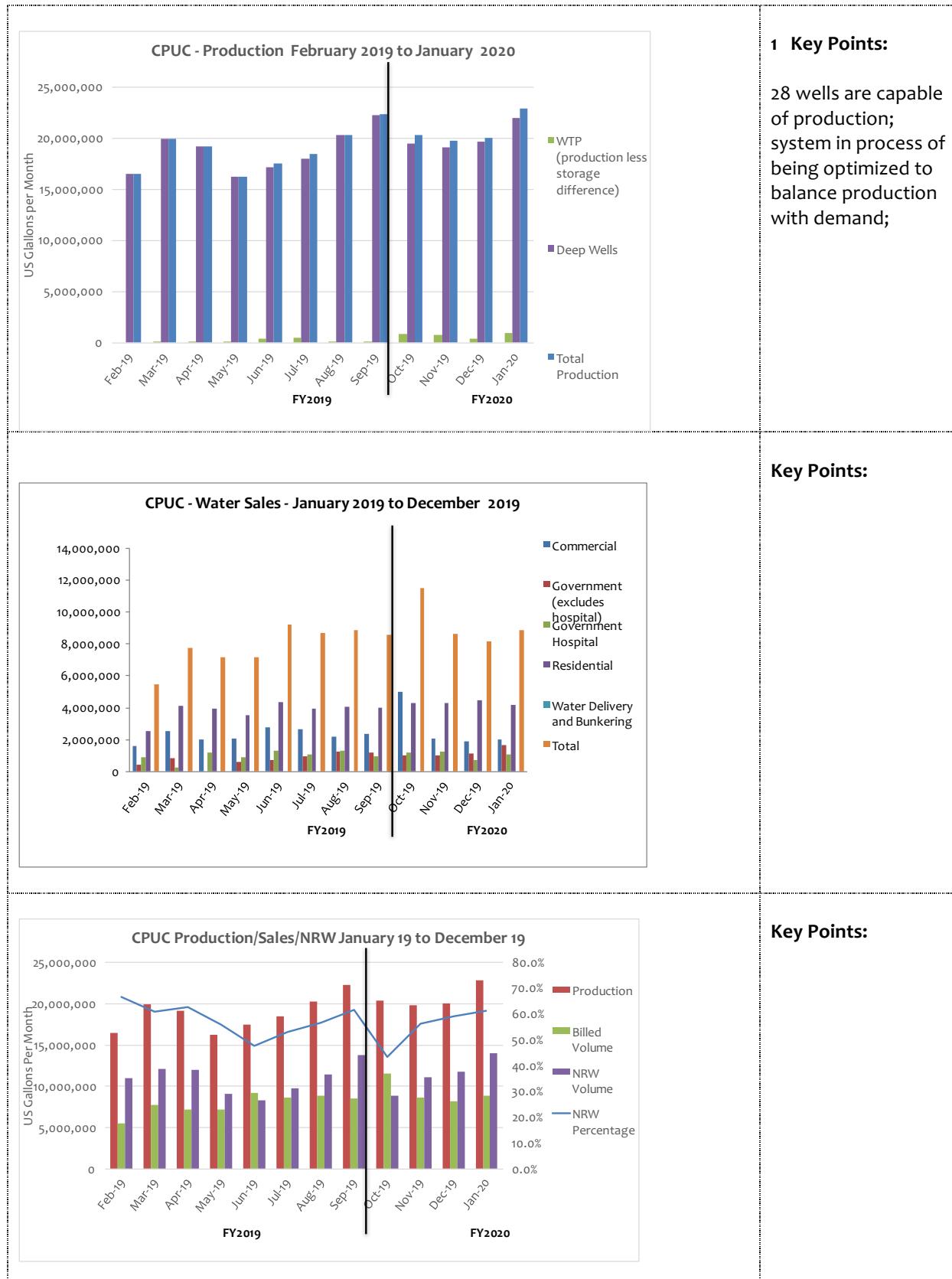
2.6 Key Points:
Following completion of the WB solar PV project (additional 400 kWp of solar PV)

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



Financial Table1 P & L Statement - February 2019 to January 2020

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	506,873	568,002	594,657	623,984	584,423	607,271	586,974	563,399	614,741	601,355	609,757	584,082	7,018,756	2,409,936
b. Water Sales	18,457	28,961	30,872	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	337,219	144,483
c. Sewer Sales	12,625	14,646	15,832	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	172,002	68,305
d. Other operating revenue	21,352	20,829	9,348	34,898	10,349	30,511	9,708	21,194	47,474	32,758	20,819	6,703	208,790	107,753
Revenue - Total	559,307	632,439	650,709	701,637	648,847	686,776	647,007	631,154	731,180	683,675	672,402	643,219	7,736,766	2,730,476
Expenses - US\$														
Fuel & Lubricants	267,204	312,148	318,439	338,876	314,459	309,642	309,098	306,466	328,534	315,199	338,732	308,006	3,799,614	1,290,471
Salaries, Wages & Benefits	97,726	102,212	97,018	98,743	90,353	107,044	105,970	102,394	122,607	106,746	132,481	103,474	1,179,800	465,308
Contractual Services	4,723	5,762	4,996	5,316	5,077	5,298	5,372	4,992	0	0	0	0	73,902	0
O&M - Power Generation	32,945	5,747	10,542	21,962	14,283	18,010	22,190	24,300	5,271	7,758	7,570	5,130	209,237	25,730
O&M - Power Distribution	3,130	12,231	12,053	10,265	4,302	3,741	8,258	5,713	8,579	13,343	5,132	3,598	97,075	30,652
O&M - Water	220	5,726	5,154	3,710	996	1,551	2,026	10,659	1,524	963	1,919	2,952	41,704	7,357
O&M - Sewer	62	262	0	421	600	0	6,025	36	0	64	2,047	0	9,921	2,110
Finance & Administration Overheads	38,878	39,494	52,298	77,357	63,218	57,763	45,990	84,748	44,063	42,864	82,437	43,564	691,996	212,928
Vehicle & Eq. Fuel	10,798	9,244	23,045	13,952	10,860	17,865	11,034	12,789	12,400	7,913	7,569	7,527	157,624	35,410
CPUC Power Usage (incl. in O&M from Oct 15)	9,879	12,206	13,066	10,970	11,705	11,967	14,380	15,451	11,369	11,640	13,772	13,458	154,062	50,239
Training	0	0	0	0	0	0	146	0	0	0	0	0	146	0
Expense - Total	465,565	505,033	536,611	581,571	515,853	532,881	530,488	567,548	534,346	506,490	591,660	487,710	6,415,080	2,120,206
Operating Income/(Loss)	93,742	127,406	114,097	120,065	132,994	153,895	116,518	63,606	196,834	177,184	80,743	155,509	1,321,686	610,270
Non-Cash Expenses - US\$														
Depreciation	118,520	118,520	118,520	118,520	118,520	118,520	118,520	-115,228	110,553	110,553	110,553	110,553	1,188,491	442,212
Interest Expense	5,188	5,188	5,188	5,188	5,188	5,188	5,188	26,320	4,712	4,712	4,712	4,712	83,390	18,849
Non-Cash Expense - Total - US\$	123,708	-88,909	115,265	115,265	115,265	115,265	1,271,881	461,061						
Net Income/(Loss) - excluding grant support - US\$	-29,966	3,698	-9,611	-3,643	9,286	30,187	-7,190	152,515	81,569	61,919	-34,523	40,244	49,806	149,209
Non-operating Income (Grant Support) - US\$	-1,417	0	26,571	-27,657	0	14,194	-4,802	154,012	3,875	100	4,906	2,869	0	11,751
Net Income/(Loss) - including grant support - US\$	-31,382	3,699	16,960	-31,300	9,286	44,381	-11,992	306,527	85,444	62,019	-29,617	43,113	49,806	160,960

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

Cash Flow Report - US\$	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
Receipts	502,977	560,338	571,094	752,602	536,996	616,328	478,101	733,594	696,175	485,013	353,595	276,019	6,993,347	1,810,802
Disbursements	482,306	815,182	469,484	520,832	525,879	716,012	418,765	435,517	765,524	436,275	610,983	562,243	6,590,718	2,375,025
Net receipts/Disbursements	20,671	-254,844	101,610	231,770	11,117	-99,683	59,336	298,077	-69,349	48,738	-257,388	-286,224	402,629	-564,223
Cash balance (beginning)	1,163,085	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	1,128,509	1,531,138
Cash balance (end)	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	1,531,138	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)	1,182,062	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	1,529,444	1,251,445
Stocks	1,166,243	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	1,195,812	1,318,648
Trade Receivable	674,256	665,151	751,264	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	698,514	645,973
Prepaid Lease	284,735	282,703	280,671	278,640	276,608	274,576	272,545	269,879	267,817	265,756	263,694	261,632	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	649,881	356,424	356,424	649,881	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	915,763	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	921,301	1,184,206
Loans Payable	3,936,453	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	3,855,776	3,857,616
Total Accounts Receivable (to date) - US\$														
Government Power	393,099	356,369	408,056	366,946	402,465	425,435	484,014	256,352	306,623	258,904	309,013	303,403	256,352	309,013
Commercial Power	86,794	105,986	108,470	79,490	113,226	95,490	85,852	201,305	192,522	-74,706	85,190	152,423	201,305	85,190
Residential Power	131,111	133,425	137,780	140,179	143,299	150,849	153,848	113,464	118,368	138,429	139,125	141,644	113,464	139,125
Water	160,233	151,706	163,463	150,682	139,937	141,361	149,569	265,746	268,594	187,729	211,066	169,057	265,746	211,066
Sewer	178,583	193,229	209,061	199,443	217,467	232,854	249,370	137,211	154,133	165,810	177,143	174,399	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	674,256	665,151	751,264	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	698,514	645,973

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

Power Sales Report	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019 YTD	FY2020 YTD
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	73,785	78,489	89,656	89,941	86,253	78,496	76,883	81,013	73,834	68,515	68,227	65,172	963,911	275,748
Government - Pre Paid (Cash Power)	34,643	29,986	42,001	40,141	39,592	26,309	35,142	45,122	46,967	26,723	40,855	22,728	457,692	137,274
Government Streetlights	3,083	3,083	2,940	3,038	2,941	3,038	3,038	2,940	3,038	2,940	3,038	3,038	36,293	12,055
Solar	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	2,680	2,788	2,788	-6,672	47,979	1,584
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	115,510	115,556	138,596	137,118	132,784	111,841	119,062	133,074	126,520	100,966	114,909	84,267	1,505,875	426,661
Commercial - Post Paid	211,671	239,394	255,743	258,844	240,595	267,872	240,669	230,215	243,113	228,596	234,092	214,159	2,953,579	919,960
Commercial - Pre Paid (Cashpower)	70,336	90,016	90,529	94,978	90,697	93,796	99,586	78,824	106,176	83,183	75,751	90,051	1,080,406	355,161
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	282,008	329,410	346,272	353,822	331,292	361,668	340,255	309,039	349,289	311,779	309,843	304,210	4,033,986	1,275,121
Residential - Post Paid	6,070	7,327	7,085	5,880	4,501	3,973	5,380	6,211	6,234	6,411	6,053	6,397	73,621	25,095
Residential - Pre Paid (Cashpower)	114,831	136,888	137,594	156,856	141,797	155,624	149,087	145,643	155,492	137,200	146,764	165,763	1,723,466	605,219
Residential Scratch Card Sales	17,956	13,746	15,623	16,637	15,382	16,674	15,302	17,543	18,249	14,506	14,526	5,649	188,513	52,931
Residential Total	138,857	157,661	160,302	179,373	161,680	176,271	169,769	169,397	179,975	158,117	167,343	177,809	1,985,600	683,244
Trade Power Sales Total	536,375	602,627	645,170	670,313	625,756	649,780	629,087	611,510	655,784	570,863	592,095	566,286	7,525,461	2,385,027
Intercompany - CPUC Office	1,188	1,417	1,417	1,520	1,434	1,443	1,730	1,428	1,625	1,608	1,209	1,144	16,965	5,585
Intercompany - CPUC Power Operation	3,101	3,461	3,517	3,252	3,324	3,633	3,163	3,090	3,449	3,168	2,681	3,195	38,006	12,493
Intercompany - CPUC Water Operations	4,371	5,075	6,720	5,641	5,412	5,477	5,885	6,105	5,482	5,642	5,353	5,902	69,124	22,379
Intercompany - CPUC Sewer Operations	5,508	7,131	6,346	5,329	6,293	6,490	8,495	9,346	5,887	5,998	8,418	7,556	84,938	27,860
Cash Power UnEarned	8,515	6,464	-7,116	1,248	1,182	2,070	-1,101	-8,550	-13,369	14,077	0	0	-13,411	708
Provision on Rate Refund	-52,185	-58,173	-61,397	-63,319	-58,977	-61,621	-60,285	-59,530	-2,680	2,788	-6,672	-702,328		
Total Power Sales - US\$	506,873	568,002	594,657	623,984	584,423	607,271	586,974	563,399	661,538	604,144	612,545	577,410	7,018,756	2,455,637
Power Sales kWh	kWh	kWh												
Government - Post Paid	125,383	132,491	149,022	152,036	154,814	140,930	139,618	151,356	142,289	138,483	138,682	132,039	1,655,387	551,493
Government - Pre Paid (Cash Power)	64,309	54,779	75,583	71,680	70,486	47,515	63,919	82,025	89,223	53,456	82,055	45,456	820,299	270,191
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	41,508
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	200,069	197,647	234,982	234,094	235,676	198,822	213,914	243,758	241,889	202,316	231,114	187,872	2,600,210	863,192
Commercial - Post Paid	419,500	463,469	488,861	487,611	442,981	493,900	448,454	445,765	482,158	475,171	487,922	446,317	5,582,156	1,891,568
Commercial - Pre Paid (Cashpower)	135,601	170,678	168,992	175,885	167,430	175,747	187,969	148,697	209,668	173,334	158,508	187,606	2,009,351	729,117
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	555,101	634,148	657,853	663,496	610,411	669,647	636,423	594,462	691,827	648,505	646,430	633,923	7,591,507	2,620,685
Residential - Post Paid	12,412	14,671	13,976	11,492	8,802	7,774	10,643	12,675	13,553	14,268	13,210	14,203	144,944	55,234
Residential - Pre Paid (Cashpower)	235,021	274,659	272,140	307,620	277,165	309,023	298,353	291,286	326,389	304,957	327,671	368,362	3,395,343	1,327,379
Residential Scratch Card Sales	28,717	27,348	32,598	32,434	32,142	30,657	30,460	32,839	37,560	32,036	30,608	20,329	369,106	120,533
Residential Total	276,150	316,678	318,714	351,546	318,109	347,454	339,456	336,800	377,501	351,261	371,489	402,894	3,909,393	1,503,146
Trade Power Sales Total	1,031,320	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	14,101,110	4,987,023
Intercompany - CPUC Office	4,714	5,624	5,624	6,031	5,689	5,727	6,864	5,665	6,447	6,380	4,798	4,538	67,321	22,163
Intercompany - CPUC Power Operation	12,305	13,735	13,955	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	150,819	49,574
Intercompany - CPUC Water Operations	17,345	20,139	26,666	22,385	21,476	21,733	23,354	24,226	21,754	22,389	21,243	23,419	274,303	88,805
Intercompany - CPUC Sewer Operations	21,857	28,296	25,183	21,147	24,973	25,754	33,711	37,087	23,362	23,802	33,406	29,986	337,056	110,556
Cash Power Unearned (accrual)	14,290	14,106	-11,940	3,183	2,497	0	-2,787	-16,195	-31,992	21,334	0	0	-28,820	-10,658
Total Power Sales - kWh	1,101,831	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	14,901,789	5,247,463

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

Water/Sewer Sales Report	Feb 19	Mar 19	Mar 20	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	6,628	5,740	10,312	8,252	11,075	10,159	12,735	10,722	10,965	11,212	9,216	13,583	97,425	44,975
Commercial	8,195	12,287	10,538	11,067	13,812	12,413	10,018	10,925	23,856	10,731	9,631	10,403	126,928	54,621
Residential	3,634	10,933	10,022	8,799	11,163	11,034	11,055	11,104	11,422	10,965	11,424	11,075	112,866	44,886
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18,457	28,961	30,872	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	337,219	144,483
Sewer Sales - US\$														
Government	3,193	2,621	4,903	3,888	5,212	4,737	6,085	5,082	5,140	5,311	4,232	6,550	46,111	21,232
Commercial	7,093	9,172	8,109	8,109	9,972	9,335	8,176	7,065	14,818	8,324	5,081	8,000	96,201	36,223
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	2,340	2,853	2,820	2,638	2,840	1,316	2,255	1,663	2,765	3,018	2,243	2,824	29,690	10,850
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	12,625	14,646	15,832	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	172,002	68,305
Total Water & Sewer Sales	31,082	43,607	46,703	42,754	54,075	48,994	50,324	46,562	68,965	49,562	41,827	52,434	509,221	212,788
Water Sales - Gallons														
Government	1,581,229	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	20,597,070	9,091,358
Commercial	1,475,740	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	25,588,330	11,179,073
Residential	2,720,160	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	43,836,459	16,949,760
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,777,129	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	90,021,859	37,220,191

Financial Table 5 Key Performance Indicators - February 2019 to January 2020

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
1a. Non Revenue Power	14.6%	13.8%	11.9%	14.0%	12.9%	12.0%	12.0%	13.6%	11.5%	10.3%	10.6%	10.6%	13.7%	10.7%
Total Power Generated - kWh	1,290,507	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	17,267,831	5,879,335
Total Power Billed - kWh	1,101,831	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	14,901,789	5,247,463
Generation Loss (actual from Jun 17)	23,842	24,392	25,454	25,480	24,504	25,321	24,268	17,928	20,133	18,951	15,436	17,215	284,350	71,735
Distribution Loss Derived - kWh	132,571	136,137	109,505	151,124	122,203	113,538	112,183	140,466	116,190	92,409	104,410	100,146	1,649,996	413,154
Commercial Loss (assumed 2.5%) - kWh	32,263	35,664	36,051	38,241	35,352	36,472	35,896	35,807	37,969	35,895	36,897	36,222	431,696	146,983
Total Loss - kWh	188,675	196,193	171,011	214,846	182,058	175,330	172,348	194,200	174,292	147,255	156,742	153,583	2,366,042	631,872
Distribution loss %	10.3%	9.5%	7.6%	9.9%	8.6%	7.8%	7.8%	9.8%	7.7%	6.4%	7.1%	6.9%	9.6%	7.0%
1b. Non Revenue Water	64.9%	60.6%	58.0%	55.0%	48.7%	52.9%	56.4%	62.9%	43.4%	56.3%	59.1%	61.1%	63.4%	55.1%
Water Produced (million gallons)	16.48	19.79	19.07	16.25	17.93	18.41	20.28	22.32	20.34	19.78	19.99	22.87	246	83
Water Billed (million gallons)	5.78	7.79	8.01	7.31	9.20	8.67	8.84	8.29	11.51	8.64	8.18	8.89	90	37
2. Current ratio	4.01	3.47	3.51	3.71	4.26	4.56	4.12	4.42	2.19	2.60	3.02	3.46	4.42	2.60
	3.77	3.22	3.24	3.46	3.98	4.29	3.85	4.18	2.07	2.48	2.81	3.19	4.18	2.48
	12.31	9.69	10.56	11.28	12.16	10.33	11.54	11.52	5.62	6.82	10.16	12.87	11.52	6.82
	6.85	6.73	8.14	7.89	8.56	7.98	7.67	4.68	2.26	3.20	4.46	7.21	4.68	3.20
3. ROA(excludes other operating income/grant support)	0.09%	0.26%	0.22%	0.25%	0.28%	0.38%	0.22%	0.88%	0.33%	0.26%	-0.14%	0.17%	3.1%	0.6%
Power Business	0.34%	0.59%	0.56%	0.61%	0.56%	0.74%	0.55%	0.36%	0.44%	0.40%	0.01%	0.31%	6.2%	1.2%
Water Business	-0.30%	-0.75%	-0.98%	-0.88%	-0.24%	-0.36%	-0.50%	5.25%	1.07%	0.62%	-0.07%	0.25%	-3.1%	1.9%
Sewer Business	-0.90%	-0.91%	-0.96%	-1.05%	-0.84%	-1.05%	-1.08%	1.69%	-0.45%	-0.54%	-0.90%	-0.56%	-9.2%	-2.5%
4. Operating ratio	0.83	0.80	0.82	0.83	0.80	0.78	0.82	0.90	0.78	0.78	0.91	0.77	0.83	0.78
Power Business	0.81	0.76	0.78	0.79	0.77	0.74	0.78	0.83	0.77	0.75	0.86	0.74	0.79	0.76
Water Business	0.75	0.93	1.01	0.97	0.75	0.82	0.83	1.23	0.64	0.81	1.06	0.82	0.98	0.69
Sewer Business	2.17	1.98	2.08	2.38	1.66	2.32	2.29	2.79	1.26	1.56	3.06	1.58	2.28	1.72
5. Days in Accounts Receivable	37.60	32.63	35.14	29.75	34.81	35.22	39.88	34.36	34.67	18.46	30.73	32.40	33.87	31.20
Power Business	26.53	22.99	24.96	20.57	25.48	25.26	28.84	22.53	22.89	9.54	19.01	22.42	21.30	30.49
Water Business	184.88	111.12	116.22	113.47	84.88	92.95	100.14	174.56	132.36	101.39	151.52	105.70	206.27	143.92
Sewer Business	301.23	279.85	289.84	288.55	263.83	334.37	341.78	213.74	154.58	176.96	333.10	220.06	208.80	314.05

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

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019 YTD	FY2019 YTD
Generation Statistics														
Diesel Generation - kWh	1,263,683	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	16,910,468	5,611,848
Peak Generation - kW	2,644	2,752	2,936	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,943	2,968
Fuel Consumption - Gallons	86,913	95,213	97,160	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	1,145,000	385,239
Average Fuel Price (\$/Gallon)	3.00	3.13	3.17	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	38.88	12.57
Load Factor (%)	67%	68%	65%	70%	65%	69%	69%	66%	68%	66%	68%	71%	67%	135%
Capacity Factor (%)	47%	49%	52%	51%	52%	50%	49%	52%	53%	51%	51%	48%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	1300%	1400%	100%	100%
Reserve Plant Margin (%)	195%	183%	166%	171%	170%	180%	182%	170%	163%	172%	172%	189%	168%	165%
Solar PV Generation - kWh	26,824	26,402	27,726	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	357,363	267,487
Solar Generation %	2.1%	1.9%	1.9%	1.9%	1.8%	1.7%	1.6%	5.3%	5.3%	3.8%	4.0%	5.0%	2.1%	4.5%
Peak PV Generation - kW	210	206	217	223	196	196	178	593	633	430	466	561	1,713	7,674
Avoided Fuel - Gallons	1,845	1,795	1,905	1,929	1,700	1,686	1,535	5,157	5,653	3,770	4,060	4,896	24,197	18,362
Avoided Cost of Fuel - US\$	5,535	5,612	6,044	6,306	5,564	5,278	4,832	16,068	17,762	11,819	12,729	15,463	78,510	57,704
Tons of CO2 avoided	18.6	18.1	19.2	19.5	17.2	17.0	15.5	52.1	57.1	38.1	41.0	49.5	244.4	185.5
Labour Productivity (kWh/Emp/d)	1,410	1,563	1,578	1,675	1,550	1,600	1,577	1,514	1,605	1,541	1,581	1,537	1,448	2,875
SFOC (kWh/gal)	14.54	14.71	14.56	14.77	14.78	14.84	14.80	14.71	14.33	14.59	14.70	14.66	14.77	14.57
DG1 - GE 1.8	15.12	15.31	15.20	15.24	15.02	14.99	14.89	14.82	15.07	15.40	15.37	14.96	15.04	15.20
DG2 - GE 1.8	15.37	15.19	15.21	15.30	15.43	14.97	15.03	15.08	15.14	15.32	15.04	15.20	15.15	15.17
DG3 - CAT 1.6	0.00	11.45	10.12	8.42	4.81	4.81	5.99	6.55	12.79	0.00	0.00	0.00	10.29	12.79
DG4 - CAT 1.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	12.45	14.58
DG5 - CAT 1.3	13.05	13.88	13.88	14.33	11.64	11.02	10.54	12.75	13.35	11.74	11.15	10.18	13.28	12.22
SLOC (kWh/gal)	2,344	2,174	1,811	5,342	4,891	1,565	3,758	3,237	3,754	1,531	1,570	2,214	2,917	1,998
DG1 - GE 1.8	4,448	1,242	2,986	3,257	3,538	1,322	3,211	2,263	5,027	1,464	1,220	1,059	2,409	1,642
DG2 - GE 1.8	1,670	4,854	0	0	0	0	0	0	0	0	0	0	3,157	1,968
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%	0.00%	0.04%	0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.02%
Planned Outage Factor (%)	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	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 (%)	24.9%	25.9%	27.6%	27.1%	27.2%	26.2%	26.0%	27.2%	27.9%	27.0%	27.0%	25.4%	27.4%	27.7%
Distribution Losses (%)	10.3%	9.5%	7.6%	9.9%	8.6%	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.8%	0.0%
SAIDI (hours/consumer)	0.00	0.00	0.01	0.06	0.00	0.10	0.20	0.13	0.05	0.05	0.27	0.20	0.70	0.56
SAIFI	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.024	0.011
Average Cost (\$/kWh)	0.20	0.21	0.21	0.22	0.22	0.21	0.21	0.20	0.21	0.21	0.20	0.20	0.215	0.206

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

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	453,676	523,052	591,227	462,521	470,551	631,714	606,787	497,801	794,341	670,376	558,984	472,454	6,417,815	2,496,155
DG2 - GE 1.8	571,171	621,248	566,575	807,131	786,294	768,085	769,655	755,515	85,201	435,578	657,724	738,693	8,642,917	1,917,196
DG3 - CAT 1.6	116,914	112,399	94,643	48,041	3,059	337	419	5,687	93,821	0	0	0	384,549	93,821
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	28,249	44,969	76,343	85,964	249	235,525
DG5 - CAT 1.3	121,922	143,465	161,876	183,447	129,051	33,715	36,249	97,390	436,126	229,888	123,143	79,994	1,464,938	869,151
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,263,683	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	16,910,468	5,611,848
PP Solar F1	0	0	0	0	0	0	0	11,753	17,823	11,907	13,034	15,588	11,753	58,352
High School Solar F1	20,001	21,369	21,851	21,950	19,498	19,852	17,874	18,982	21,251	14,280	15,600	19,080	234,261	70,211
PP Solar F3	0	0	0	0	0	0	0	8,289	11,188	7,165	7,872	9,406	8,289	35,631
Airport Roof F4	6,823	5,033	5,875	6,543	5,626	5,179	4,851	5,835	4,094	4,900	4,900	5,700	72,046	19,594
Airport Carpark F4	0	0	0	0	0	0	0	15,455	19,173	11,969	13,014	15,637	15,455	59,793
WWTP F4	0	0	0	0	0	0	0	15,559	7,499	4,782	5,249	6,376	15,559	23,906
Solar PV Generation Total (kWh)	26,824	26,402	27,726	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	357,363	267,487
Total Generation (kWh)	1,290,507	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	17,267,831	5,879,335
Maximum Demand (kW)	2,644	2,752	2,936	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	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)	12,305	13,735	13,955	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	150,819	49,574
Running Hours														
DG1 - GE 1.8	417	563	408	415	459	620	614	495	715	657	657	478	6,078	2,507
DG2 - GE 1.8	476	512	489	701	710	706	723	690	80	447	447	709	7,668	1,683
DG3 - CAT 1.6	188	179	263	44	3	3	2	7	156	0	0	0	696	156
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	72	96	96	200	0	464
DG5 - CAT 1.3	190	229	257	302	219	63	73	163	660	380	380	130	2,317	1,550
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,271	1,483	1,417	1,462	1,391	1,392	1,412	1,355	1,683	1,580	1,580	1,517	16,759	6,360

Power Table 3 Fuel & Lube Oil Statistics - February 2019 to January 2020

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	FY2019	FY2020 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	30,014	34,166	38,892	30,358	31,330	42,152	40,751	33,581	52,715	43,522	36,370	31,590	426,748	164,197
DG2 - GE 1.8	37,158	40,895	37,254	52,747	50,955	51,311	51,193	50,096	5,628	28,434	43,735	48,604	570,529	126,401
DG3 - CAT 1.6	10,400	9,813	9,352	5,705	636	70	70	868	7,336	0	0	0	37,364	7,336
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	1,958	3,102	5,216	5,879	20	16,155
DG5 - CAT 1.3	9,341	10,339	11,661	12,800	11,086	3,059	3,438	7,641	32,669	19,582	11,042	7,857	110,339	71,150
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	86,913	95,213	97,160	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	1,145,000	385,239
Average Fuel Price (\$/Gallon)	3.00	3.13	3.17	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.24	3.14
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	0	265	0	0	0	265	0	0	0	193	193	181	795	567
DG2 - GE 1.8	265	0	265	0	0	265	0	0	0	74	74	176	1,060	324
DG3 - CAT 1.6	0	95	95	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	95	0	95	0	0	0	0	0	95	10	10	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	360	455	0	0	530	0	0	95	277	277	357	2,235	1,006
Oil Change Log(75 Gal/Change)														
DG1 - GE 1.8	102	156	198	142	133	213	189	220	158	265	265	265	1,869	953
DG2 - GE 1.8	77	128	128	130	151	173	187	199	120	265	265	0	1,678	650
DG3 - CAT 1.6	0	0	0	9	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	0	10	95	95	0	0	200
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume(Gals)	179	284	326	281	284	386	376	419	288	625	625	265	3,562	1,803

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

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	2019 YTD	2020 YTD
Feeder 1 Load	332,213	362,910	370,578	392,382	372,240	369,423	384,699	386,137	407,452	378,027	395,422	388,160	4,474,271	1,569,061
Feeder 2 Load	108,647	120,877	121,341	131,055	115,761	121,066	122,901	119,729	138,717	130,673	134,935	138,695	1,458,635	543,020
Feeder 3 Load	378,375	369,016	371,308	451,818	425,513	444,707	428,584	418,712	448,906	428,625	434,663	425,034	5,043,967	1,737,228
Feeder 4 Load	291,736	327,599	327,958	355,720	329,687	323,485	322,614	336,348	342,362	322,669	334,580	319,152	3,962,444	1,318,763
Feeder 5 Load	155,694	221,772	225,408	173,178	146,374	174,880	152,769	153,412	161,196	156,869	160,827	160,636	2,044,163	639,528
Total Feeder Load (kWh)	1,266,665	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	16,983,480	5,807,600
													0	0
Feeder 1 Sales	286,347	309,811	329,490	339,789	324,497	316,825	332,997	336,964	361,522	343,672	341,446	333,841	3,893,759	1,380,481
Feeder 2 Sales	90,199	108,059	102,802	103,369	100,886	95,926	106,867	104,991	106,453	114,640	123,125	98,278	1,214,353	442,496
Feeder 3 Sales	333,026	349,196	371,166	383,050	351,041	378,385	352,601	343,851	388,632	359,997	376,821	409,670	4,314,626	1,535,120
Feeder 4 Sales	276,496	301,636	312,730	333,010	312,561	309,279	317,987	298,274	314,634	312,604	327,287	317,928	3,693,340	1,272,452
Feeder 5 Sales	117,478	126,995	139,094	138,207	132,854	165,865	136,441	136,997	146,228	143,605	144,995	123,218	1,623,610	558,044
Total Feeder Sales (kWh)	1,103,546	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	14,739,689	5,188,594
Feeder 1 Loss - kWh	45,866	53,099	41,088	52,593	47,743	52,598	51,702	49,173	45,930	34,355	53,976	54,319	580,512	188,580
Feeder 2 Loss - kWh	18,448	12,818	18,539	27,686	14,875	25,140	16,034	14,738	32,264	16,033	11,810	40,417	244,282	100,524
Feeder 3 Loss - kWh	45,349	19,820	142	68,768	74,472	66,322	75,983	74,861	60,274	68,628	57,842	15,364	729,341	202,108
Feeder 4 Loss - kWh	15,240	25,963	15,228	22,710	17,126	14,206	4,627	38,074	27,728	10,065	7,293	1,224	269,104	46,311
Feeder 5 Loss - kWh	38,216	94,777	86,314	34,971	13,520	9,015	16,328	16,415	14,968	13,264	15,832	37,418	420,553	81,484
Total Feeder Loss - kWh	163,119	206,476	161,311	206,729	167,735	167,282	164,674	193,261	181,165	142,346	146,753	148,742	2,243,791	619,006
Feeder 1 Loss - %	13.8%	14.6%	11.1%	13.4%	12.8%	14.2%	13.4%	12.7%	11.3%	9.1%	13.7%	14.0%	13.0%	12.0%
Feeder 2 Loss - %	17.0%	10.6%	15.3%	21.1%	12.8%	20.8%	13.0%	12.3%	23.3%	12.3%	8.8%	29.1%	16.7%	18.5%
Feeder 3 Loss - %	12.0%	5.4%	0.0%	15.2%	17.5%	14.9%	17.7%	17.9%	13.4%	16.0%	13.3%	3.6%	14.5%	11.6%
Feeder 4 Loss - %	5.2%	7.9%	4.6%	6.4%	5.2%	4.4%	1.4%	11.3%	8.1%	3.1%	2.2%	0.4%	6.8%	3.5%
Feeder 5 Loss - %	24.5%	42.7%	38.3%	20.2%	9.2%	5.2%	10.7%	10.7%	9.3%	8.5%	9.8%	23.3%	20.6%	12.7%
Total Feeder Loss - %	12.9%	14.7%	11.4%	13.7%	12.1%	11.7%	11.7%	13.7%	12.1%	10.0%	10.4%	13.2%	10.7%	

Power Table 5 Customer Energy Use By Category and By Feeder – January 2020

Feeder	kWh/Connection/Month		
	Residential	Commercial	Government
F01	92	816	6,463
F02	87	2,425	11
F03	107	1,886	1,153
F04	78	2,562	2,414
F05	45	2,497	339
Total	82	2,037	2,076

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

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	2019 YTD	2020 YTD
Number of Outages (Frequency)														
Forced - Generation	0	0	0	1	0	1	0	0	2	1	0	0	2	3
Planned - Generation	0	0	2	0	0	0	0	0	0	0	0	0	2	0
Total Number of Outages (Gen)	0	0	2	1	0	1	0	0	2	1	0	0	4	3
Forced - Distribution	0	0	0	5	0	6	0	3	11	5	1	0	21	17
Feeder 1	0	0	0	1	0	1	0	0	2	1	0	0	2	3
Feeder 2	0	0	0	1	0	2	0	0	3	1	0	0	4	4
Feeder 3	0	0	0	1	0	1	0	3	2	1	0	0	5	3
Feeder 4	0	0	0	1	0	1	0	0	2	1	0	0	4	3
Feeder 5	0	0	0	1	0	1	0	0	2	1	1	0	6	4
Planned - Distribution	0	0	10	0	0	0	3	5	0	0	0	1	18	1
Feeder 1	0	0	2	0	0	0	1	1	0	0	0	0	4	0
Feeder 2	0	0	2	0	0	0	0	1	0	0	0	1	3	1
Feeder 3	0	0	2	0	0	0	1	1	0	0	0	0	4	0
Feeder 4	0	0	2	0	0	0	0	1	0	0	0	0	3	0
Feeder 5	0	0	2	0	0	0	1	1	0	0	0	0	4	0
Total Number of Outages (Dist)	0	0	10	5	0	6	3	8	11	5	1	1	39	18

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

	Feb 19	Mar 19	Apr 19	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	2019 YTD	2020 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.4	0.3
Planned - Generation	0.0	0.0	0.1	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	0.0	0.1	0.3	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.4	0.3
Forced - Distribution	0.0	0.0	0.0	1.6	0.0	2.7	0.0	3.2	1.3	1.3	7.4	0.0	13.0	9.9
Feeder 1	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.4	0.5
Feeder 2	0.0	0.0	0.0	0.3	0.0	2.4	0.0	0.0	0.6	0.3	0.0	0.0	3.8	0.8
Feeder 3	0.0	0.0	0.0	0.3	0.0	0.1	0.0	3.2	0.0	0.3	0.0	0.0	3.6	0.3
Feeder 4	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.8	0.4
Feeder 5	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.3	0.3	7.4	0.0	4.5	7.9
Planned - Distribution	0.0	0.0	0.3	0.0	0.0	0.0	5.3	0.4	0.0	0.0	0.0	5.4	6.0	5.4
Feeder 1	0.0	0.0	0.1	0.0	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	1.8	0.0
Feeder 2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	5.4	0.1
Feeder 3	0.0	0.0	0.1	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	1.9	0.0
Feeder 4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
Feeder 5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.9	0.1	0.0	0.0	0.0	2.0	0.0
Total Duration Dist Outage (Hrs)	0.0	0.0	0.3	1.6	0.0	2.7	5.3	3.6	1.3	1.3	7.4	5.4	19.0	15.4

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

COMPANY WIDE DATA	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	FY2020 YTD
Water Production (millions)													
WTP Production	0	13,300	800	8,500	365,400	422,700	800	72,800	880,000	716,800	371,600	936,700	2,905,100
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	2,328,000
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	2,328,000
Pink Apartment Vol in to Supply/(Storage)	0	0	0	0	0	0	0	0	0	0	0	0	0
Tankederv volume for billing		113,300	113,400										0
Well Production (into supply)	16,480,600	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	80,085,000
Volume into network	16,480,600	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	82,990,100
Water Volume Bill (billions)													
Commercial	1,619,430	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	11,003,680
Government (excludes hospital)	435,389	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	4,828,268
Government Hospital	896,100	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	4,189,200
Residential	2,531,840	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	17,199,043
Water Delivery and Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Adjustment													0
Total	5,482,759	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	8,890,822	37,220,191
NRW													
Volume	10,997,841	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	13,981,378	45,769,909
Percentage	66.7%	60.8%	62.5%	55.8%	47.5%	52.9%	56.4%	61.7%	43.4%	56.3%	59.1%	61.1%	55.2%
Invoiced Water Value (USD)													
Water Delivery and Bunkering													0
Commercial	\$8,223	\$12,287	\$10,538	\$11,088	\$13,812	\$12,413	\$10,018	\$10,925	\$23,856	\$10,731	\$9,631	\$10,403	54,621
Government (includes hospital)	\$6,628	\$5,740	\$10,312	\$8,252	\$11,075	\$10,159	\$12,736	\$10,722	\$10,965	\$11,212	\$9,216	\$13,583	44,975
Residential	\$7,096	\$10,963	\$10,022	\$8,799	\$11,163	\$11,034	\$11,351	\$11,104	\$12,027	\$11,279	\$11,772	\$10,820	45,899
Total	\$21,947	\$28,990	\$30,871	\$28,139	\$36,051	\$33,606	\$34,105	\$32,751	\$46,848	\$33,222	\$30,619	\$34,806	\$145,495
Sewer Charge (USD)													
Commercial	\$3,407	\$5,719	\$4,629	\$4,900	\$6,551	\$5,885	\$4,726	\$4,540	\$11,435	\$4,972	\$4,248	\$4,646	25,302
Commercial - w/o water	\$2,652	\$2,447	\$2,447	\$2,447	\$2,447	\$2,447	\$2,447	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	9,518
Government	\$3,193	\$2,621	\$4,903	\$3,888	\$5,212	\$4,737	\$6,085	\$5,082	\$5,140	\$5,311	\$4,232	\$6,550	21,232
Residential	\$532	\$917	\$864	\$698	\$929	\$891	\$928	\$858	\$905	\$905	\$1,027	\$924	3,761
Residential w/o water	\$2,040	\$2,064	\$2,036	\$1,940	\$1,940	\$1,920	\$1,920	\$1,910	\$1,910	\$1,960	\$1,971	\$1,920	7,761
Total	\$11,823	\$13,769	\$14,878	\$13,873	\$17,080	\$15,879	\$16,105	\$14,769	\$21,769	\$15,528	\$13,858	\$16,420	\$67,574

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

COMPANY WIDE DATA	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	FY2020 YTD
Water Connection Data (No. of Connections)	479	444	447	468	479	485	478	478	480	478	479	483	483
Commercial - Billed	77	72	73	78	83	81	81	81	81	81	80	80	80
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 Avgc Consumption - Gall/conn/mth	21,032	35,257	27,743	26,688	33,699	32,700	27,116	29,553	62,042	25,964	23,410	25,031	137,546
Government - Billed	16	18	19	19	19	21	18	19	19	18	20	18	18
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 Avgc Consumption - Gall/conn/mth	27,212	48,578	0	32,633	39,827	45,283	70,887	62,279	52,625	57,291	57,012	92,050	268,237
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 Avgc Consumption - Gall/conn/mth	896,100	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	4,189,200
Residential - Billed	385	353	354	370	376	382	378	377	379	378	378	384	384
Residential - Disconnected	5	4	4	3	3	3	3	3	3	3	2	2	2
Residential - Meter Pulled	4	2	2	2	3	0	1	1	1	1	1	1	1
Residential Avgc Consumption - Gall/conn/mth	6,576	11,616	11,109	9,637	11,513	10,392	10,781	10,589	11,297	11,310	11,818	10,873	44,789
Sewer Connection Data (No. of Connections)	501	480	462	491	489	490	487	484	487	491	490	487	487
Commercial Billed	42	40	42	47	46	46	48	47	47	46	44	45	45
Commercial Billed w/o water	54	43	41	43	43	43	43	43	43	43	43	43	43
Government Billed	15	17	18	19	18	20	17	18	18	17	19	17	17
Residential Billed	194	182	181	189	189	190	188	186	189	190	190	191	191
Residential Billed w/o water	196	198	180	193	193	191	191	190	190	195	194	191	191
STP Inflow (MG/month)	12.0	12.5	13.0	12.5	13.0	13.0	16.0	17.0	13.5	14.0	16.0	17.0	61
SEWER OVERFLOW W/O's													
North Zone	1	1	2	1	1	1	1	1	1	1	1	0	3
South Zone	2	1	1	1	1	2	2	1	0	1	1	1	3

Water Table 3 Zonal Water Use Statistics - FY2020

ZONAL NRW - January 2020				ZONAL NRW - FY2020 YTD					
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	48,000	29,256	18,744	39%	1	192,000	114,814	77,186	40%
2	18,373,600	5,944,724	12,428,876	68%	2	65,818,200	25,919,273	39,898,927	61%
3	10,000	0	10,000	0%	3	40,000	100	39,900	100%
4	1,023,900	189,410	834,490	82%	4	3,554,000	891,430	2,662,570	75%
5	0	0	0	0%	5	0	13,500	-13,500	-
6	2,091,500	1,708,050	383,450	18%	6	8,992,200	6,988,100	2,004,100	22%
7	100,000	26,390	73,610	74%	7	400,000	351,510	48,490	12%
8	1,225,200	992,998	232,202	19%	8	3,993,700	2,941,488	1,052,212	26%
Total	22,872,200	8,890,828	13,981,372	61.1%	Total	82,990,100	37,220,215	45,769,885	55.2%

ZONAL WATER CONSUMPTION - January 2020				ZONAL WATER CONSUMPTION - FY2020 YTD					
Zone	Avge Use - Gallons/Connection/Month			Zone	Avge Use -Gallons/Connection				
	Commercial	Government	Hospital		Commercial	Government	Hospital		
1	0	0	-	4,875	1	0	-	19,132	
2	26,320	57,887	-	10,689	2	146,207	177,252	-	42,294
3	0	0	-	0	3	0	0	-	0
4	0	0	-	13,529	4	0	0	-	63,674
5	0	0	-	0	5	0	0	-	0
6	13,358	0	1,056,300	483	6	54,330	0	4,189,200	60,315
7	0	0	-	4,398	7	0	0	-	58,585
8	0	180,876	-	7,973	8	0	504,798	-	37,537
Total	39,679	238,763	1,056,300	41,947	Total	313,646	424,864	10,404,000	118,120

Work Order Summary – End January 2020

Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of
INTERNAL MAINTENANCE	6	3	3	0	3	6
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	25	9	23	0	5	29
REVENUE	40	9	9	0	5	44
SEWER	35	21	21	0	18	38
WATER	202	166	171	0	114	254
TOTAL ALL WORK ORDERS	312	208	227		145	375

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At End
INTERNAL MAINTENANCE	1.9%	1.4%	-	1.6%
INTERNAL POWER	1.3%	0.0%	-	1.1%
INTERNAL SEWER	0.0%	0.0%	-	0.0%
INTERNAL WATER	0.0%	0.0%	-	0.0%
POWER	8.0%	4.3%	14.7%	7.7%
REVENUE	12.8%	4.3%	10.2%	11.7%
SEWER	11.2%	10.1%	32.1%	10.1%
WATER	64.7%	79.8%	31.0%	67.7%
TOTAL ALL WORK ORDERS			27.9%	

Administration Table 1 H&S Statistics – January 2020



HEALTH & SAFETY REPORT: FY2020 - January 2020

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	January 2020						YEAR TO DATE - FY2020					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	22	3,270	0	0	0	0	0	13,358	0	0	0	0	0
Maintenance	5	839	0	0	0	0	0	3,571	0	0	0	0	0
Power Distribution - Line	21	3,344	0	0	0	0	0	12,463	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Water & Sewer	28	4,319	0	0	0	0	0	17,247	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	2,931	0	0	0	0	0	11,069	0	0	0	0	0
TOTAL	96	14,703	0	0	0	0	0	57,709	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company 911,331

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	January 2020		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	22	240	0	240
Maintenance	5	8	0	8
Power Distribution - Line	21	246	0	246
Power Distribution - Contractors	0	0	0	0
Water & Sewer	28	259	0	259
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	20	71	0	71
TOTAL	96	825	0	825

Year To Date FY2020		
Total Hours Sick	Accident Related	Poor Health
438	0	438
27	0	27
882	0	882
0	0	0
766	0	766
0	0	0
397	0	397
2,509	0	2,509

Sick Hours as Percentage of Total Hours Worked		5.6%	0.0%	5.6%
--	--	------	------	------

4.3%	0.0%	4.3%
------	------	------

DEPARTMENT	Number of Staff	January 2020		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	22	7.4%	0.0%	7.4%
Maintenance	5	1.0%	0.0%	1.0%
Power Distribution - Line	21	7.4%	0.0%	7.4%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	28	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	20	2.4%	0.0%	2.4%
TOTAL	96	5.6%	0.0%	5.6%

Administration Table 2 Attendance Summary – January 2020 & FY 2020

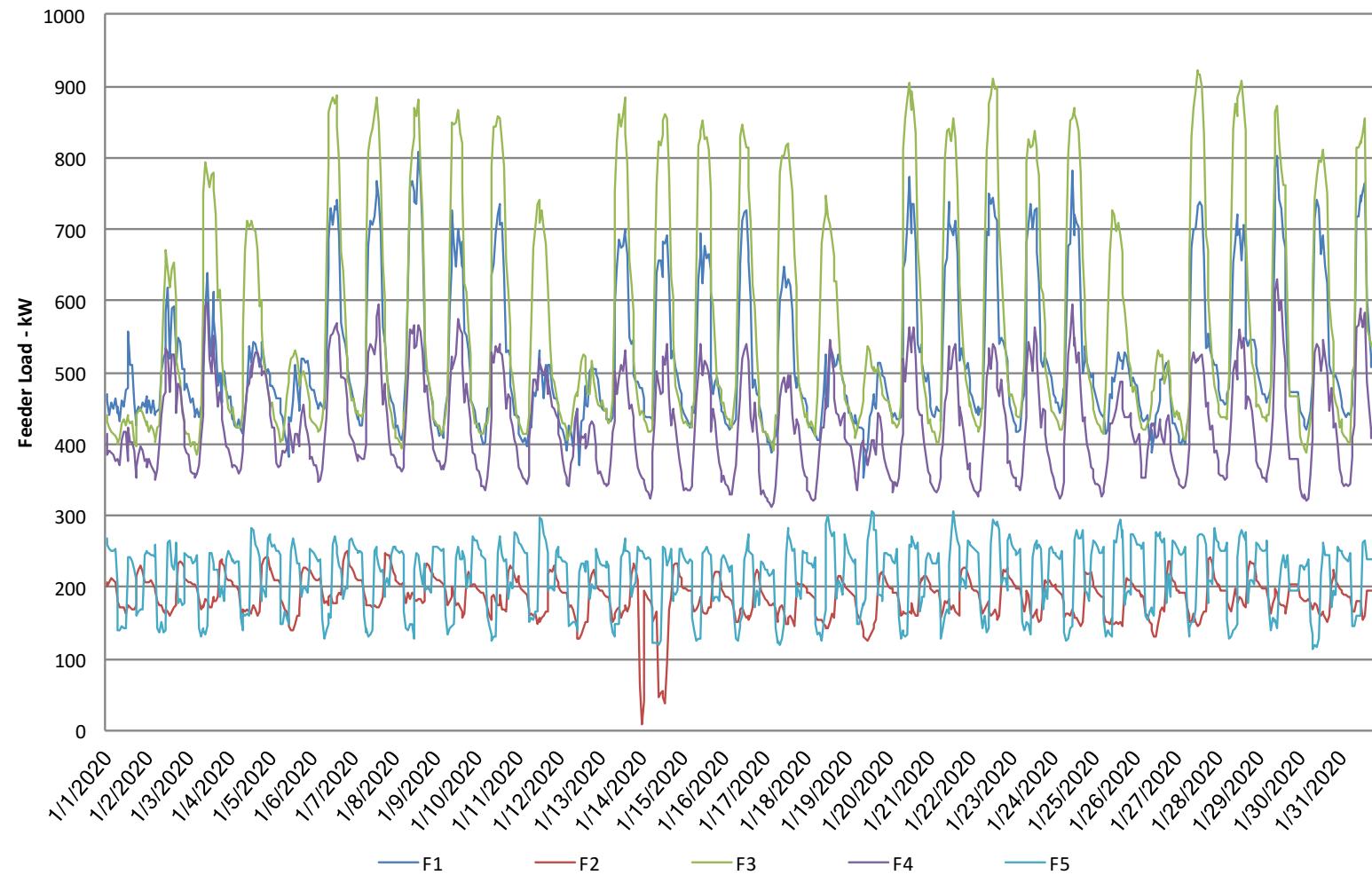
DEPARTMENT	January 2020								YEAR TO DATE - FY2020							
	Numb er of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		Nationa l Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claime d
		Regular	Overtim e						Regular	Overtim e						
Power Generation	22	3,156	114	81	240	272	3,863	22	12,406	952	616	438	1,175	15,587	296	2.8%
Maintenance	5	798	41	34	8	28	909	4	3,016	556	212	27	339	4,149	13	0.6%
Power Distribution - Line	21	3,166	178	142	246	146	3,879	13	11,801	663	1,089	882	1,800	16,234	149	5.4%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Water & Sewer	28	4,100	219	156	259	173	4,907	138	15,515	1,732	1,103	766	722	19,838	299	3.9%
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	2,815	116	111	71	276	3,390	17	10,415	654	814	397	1,498	13,778	35	2.9%
TOTAL EMPLOYEES	96	14,036	667	524	825	895	16,947	194	53,153	4,556	3,833	2,509	5,534	69,585	793	3.6%
REGULAR STAFF	96	14,036	667	524	825	895	16,947	194	53,153	4,556	3,833	2,509	5,534	69,585	793	
Hours as % of Total Hours Claimed		82.8%	3.9%	3.1%	4.9%	5.3%		1.1%		76.4%	6.5%	5.5%	3.6%	8.0%		1.1%

CAPEX Table 1 Capex Summary Sheet - December 2019

Chuuk Public Utility Corporation Capex Summary Sheet as of January 31, 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	184,246	20,154	0	89,268	115,132	-94,978
Total	1,016,298	846,562	826,408	20,154	374,136	779,566	450,132	-55,842

Graph Showing Feeder Loads in kW – January 2020

CPUC Feeder Load - January 2020 - kW



Graph Showing Generation Output in kW – January 2020

CPUC - January Generation - kW

