

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2020 – May 2020



Issued: 26 June 2020

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	May-20	YTD FY2020	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	May-20	FY2020	May-20	FY2020
Revenue	526,450	5,064,281	0.425	0.498	0.380	0.444
Variable Costs	202,358	2,376,844	0.163	0.234	0.146	0.209
Fixed Costs	199,988	1,530,361	0.161	0.150	0.144	0.134
Total Expenses	402,346	3,907,205	0.325	0.384	0.290	0.343
Operating result	124,104	1,157,076	0.100	0.114	0.090	0.102
		kWh				
Power generation	1,385,121	11,395,940				
Diesel	1,318,291	10,818,403				
Solar	66,830	577,537				
Solar PV as % of Total Generation	4.8%	5.1%				
Avoided Cost of Fuel - US\$	9,672	115,230				
Tons of CO ₂ Avoided	46.3	399.9				
Government Sales	222,193	1,752,414	Feeder	Conns	May 20	FY2020
Commercial Sales	561,996	4,932,191	F1	505	359,285	2,796,674
Residential Sales	383,541	2,980,287	F2	490	95,809	842,422
Intercompany Sales	71,008	521,958	F3	400	349,582	2,948,758
Sales Accrual	0	-10,658	F4	393	288,911	2,408,189
Total Sales	1,238,737	10,176,192	F5	502	125,732	1,023,069
Power Loss	10.6%	10.7%	Total	2,289	1,219,319	10,019,112
Operating ratio	0.77	0.77	NB - Error on Total and Feeder sales YTD is <1.5%; 10,192 kWh station use is not included			
Water Produced - Gallons	16,540,900	150,243,400				
Water Sold - Gallons	7,615,284	68,453,260				
Non Revenue Water	54.0%	54.4%				

Daily generated output in May was 44,681 kWh/day down 0.7% on April. Average daily sales were 39,959 kWh/day – 0.5% lower than April. Total power loss was 10.6% (10.7% YTD).

Average fuel efficiency for April was 14.57 kWh/gallon.

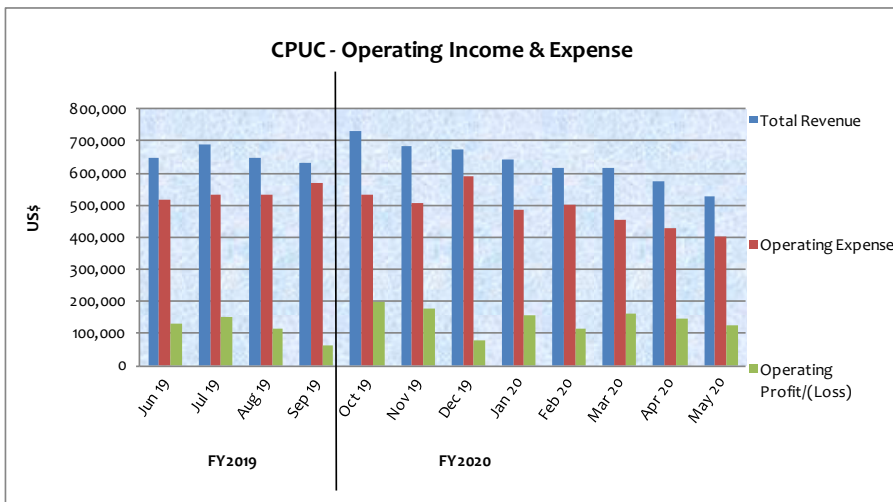
The split of power users for total sales throughout May was as follows:

Government – 17.9%; Commercial – 45.4%; Residential – 31.0%; Intercompany 5.7 %; Accrual 0.0%;

Solar PV generation decreased in May and was 66,830 kWh or 4.8 % of total generation. The avoided cost of fuel was US\$9,672 and the amount of Carbon Dioxide avoided was 46.3 tons.

The May operating result was US\$124,104 or 0.77; with a positive OR after depreciation and interest of US\$217,824 YTD.

1 FINANCIAL PERFORMANCE GRAPHS

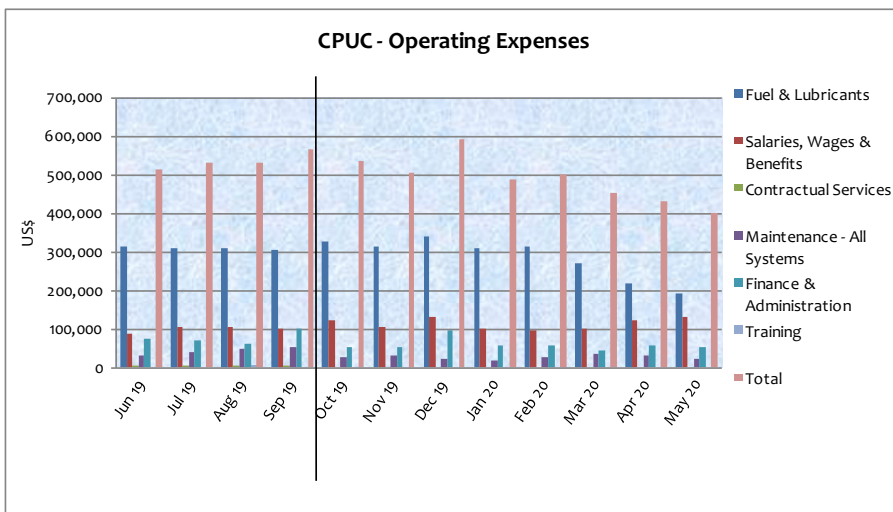


1.1 Key Points:

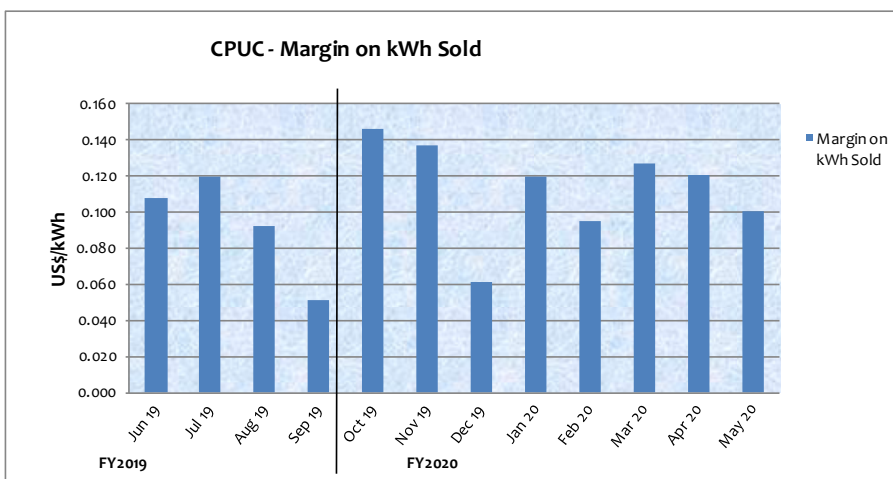
FY2020 Operating income before Depreciation & Interest :

FY2020
US\$1,214,172

Operating ratio:
FY2020 0.77;

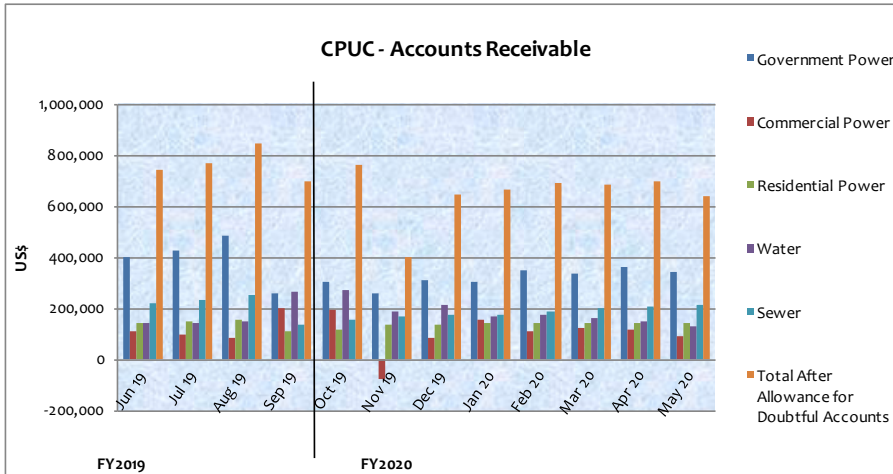


1.2 Key Points:

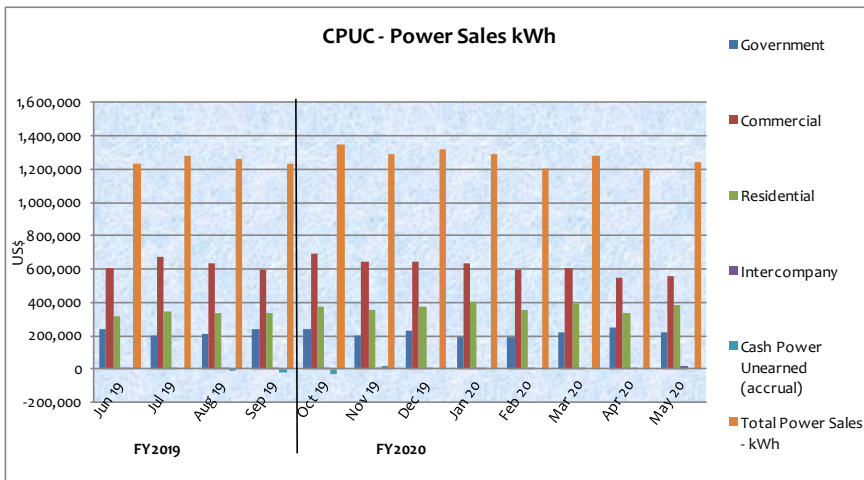


1.3 Key Points:

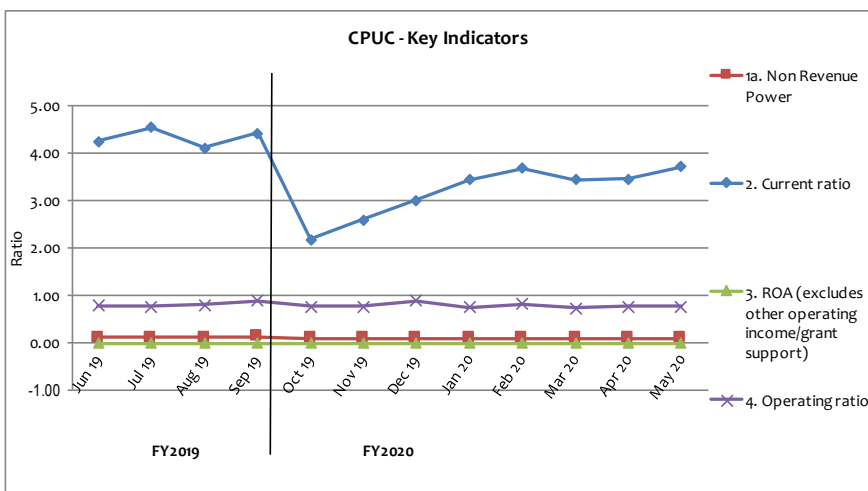
YTD US\$0.10/ kWh sold.



1.4 Key Points:

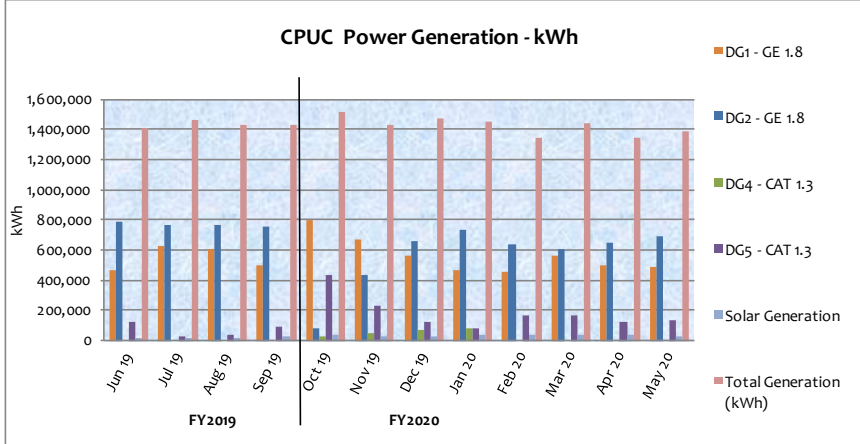


1.5 Key Points:

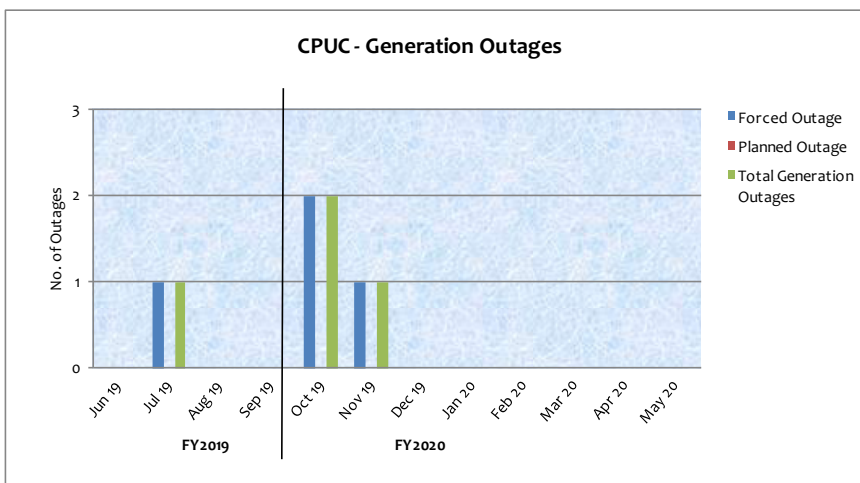


1.6 Key Points:

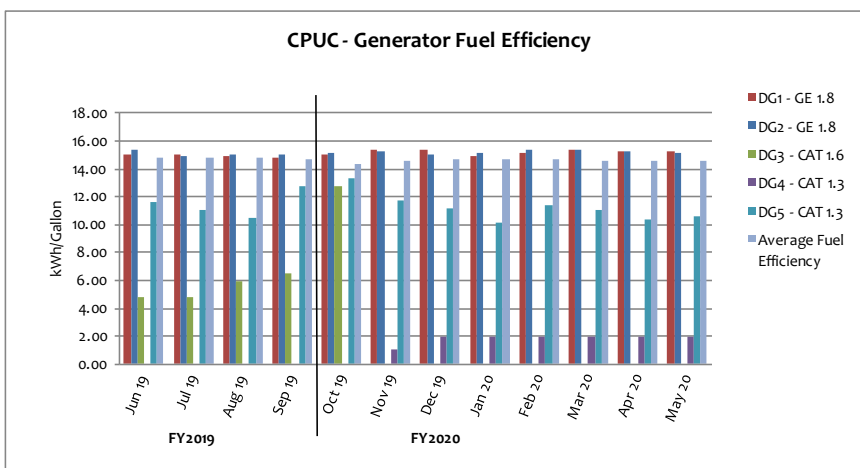
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

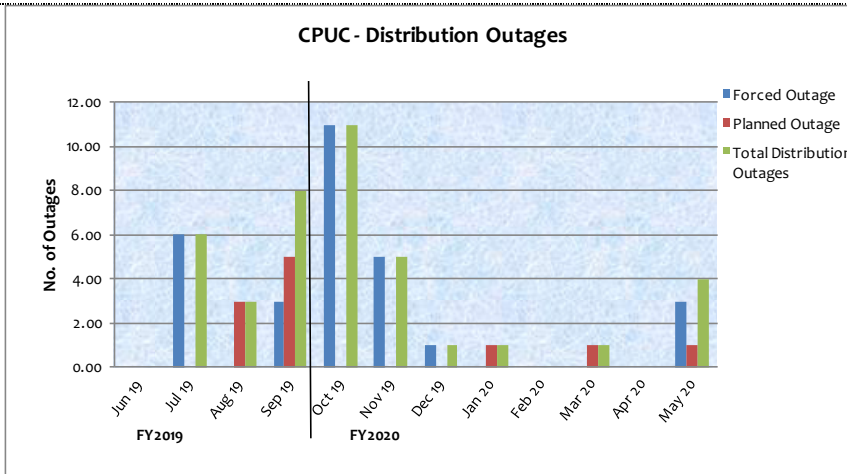


2.2 Key Points:

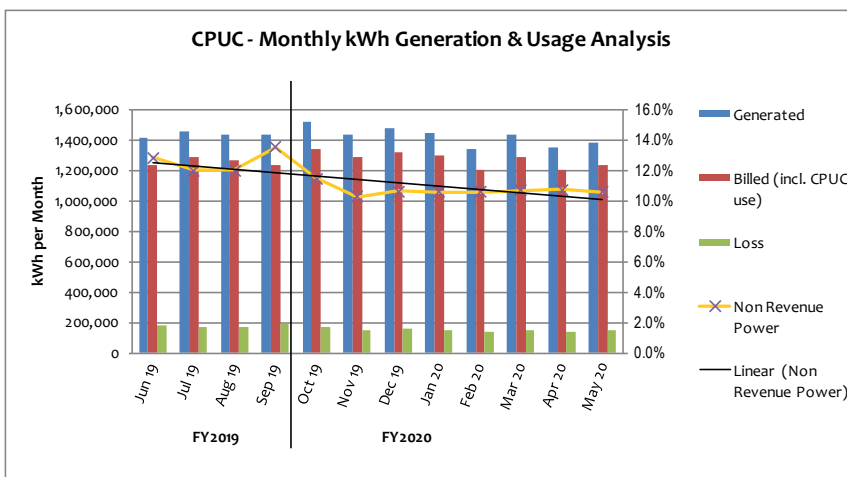


2.3 Key Points:

Avg fuel efficiency
in FY2020 14.57
kWh/gall.



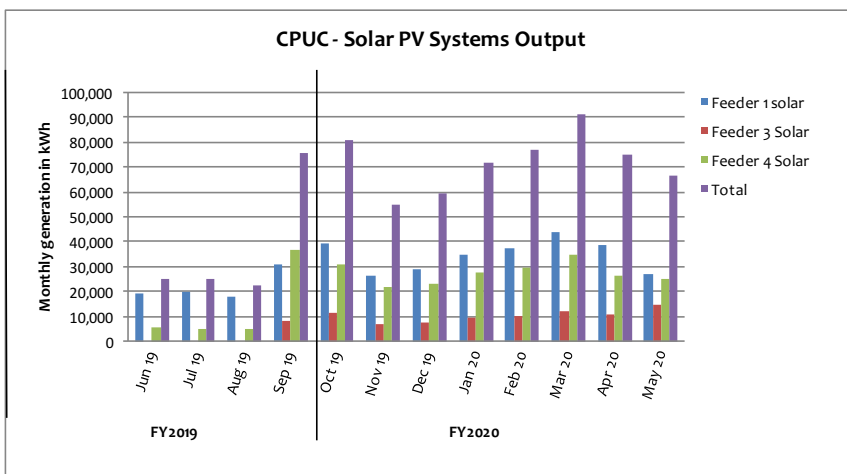
2.4 Key Points



2.5 Key Points:

Power loss for May 2020 – 10.8%;

YTD 10.7%;



2.6 Key Points:

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

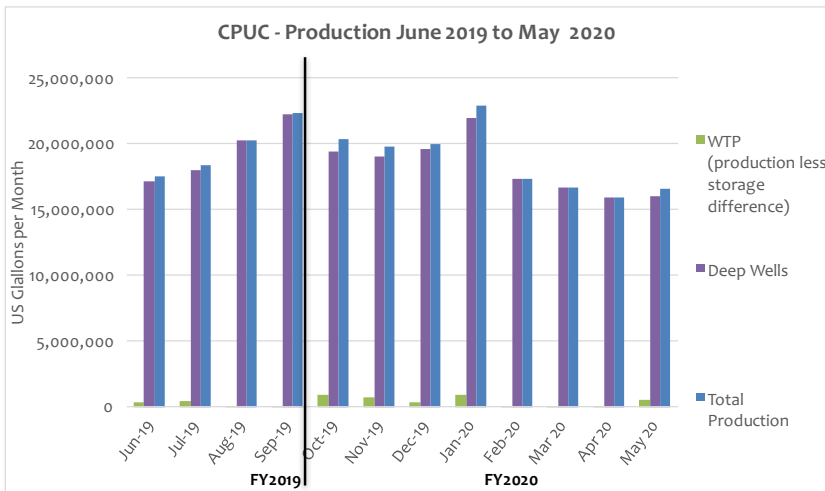
Solar PV accounted for 4.8% of CPUC generation in May 2020;

The avoided cost of fuel was:
US\$9,672

Avoided Tons of CO₂ was 46.3 Tons;

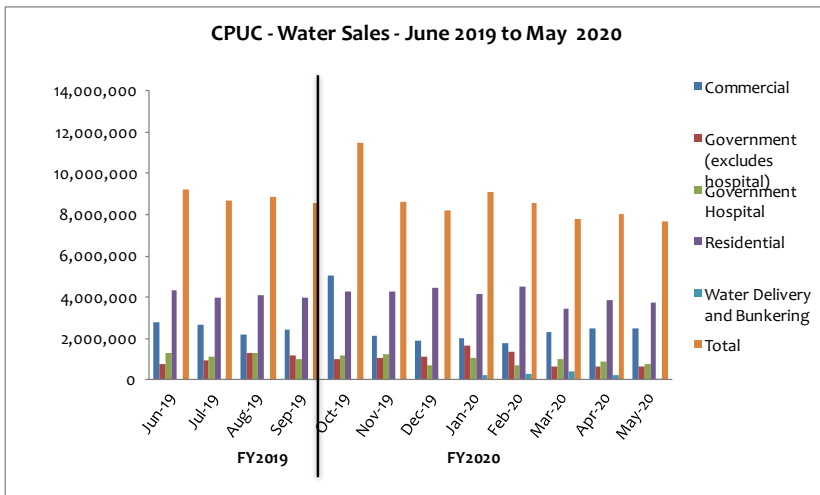
3

WATER PERFORMANCE GRAPHS

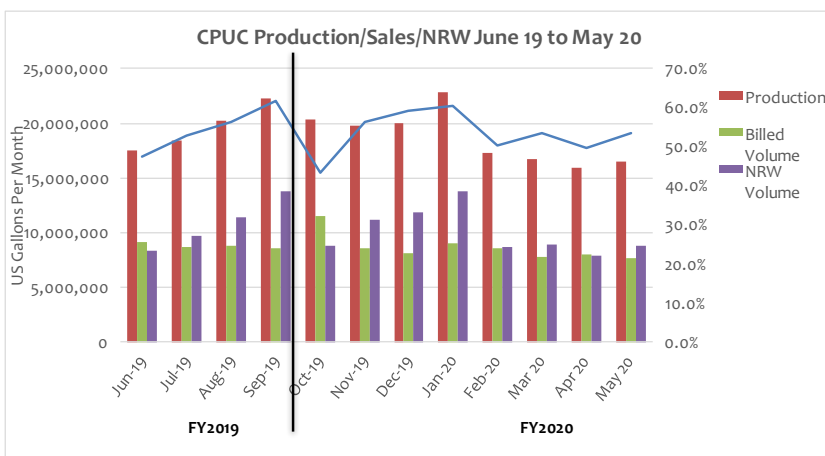


1 Key Points:

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 – June 2019 to May 2020

Revenue - US\$	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Operating revenue:														
a. Power Sales	584,423	607,271	586,974	563,399	614,741	601,355	609,757	584,082	556,748	560,284	510,232	477,001	7,018,756	4,514,200
b. Water Sales	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	28,619	337,219	263,798
c. Sewer Sales	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	13,682	172,002	126,925
d. Other operating revenue	10,349	30,511	9,708	21,194	47,474	32,758	20,819	6,703	13,426	11,539	19,491	7,149	208,790	159,358
Revenue - Total	648,847	686,776	647,007	631,154	731,180	683,675	672,402	643,219	616,511	615,954	574,889	526,450	7,736,766	5,064,281
Expenses - US\$														
Fuel & Lubricants	314,459	309,642	309,098	306,466	328,534	315,199	338,732	308,006	314,668	269,046	217,150	190,794	3,799,614	2,282,129
Salaries, Wages & Benefits	90,353	107,044	105,970	102,394	122,607	106,746	132,481	103,474	98,551	101,624	122,148	132,196	1,179,800	919,828
Contractual Services	5,077	5,298	5,372	4,992	0	0	0	0	0	0	0	0	73,902	0
O&M - Power Generation	14,283	18,010	22,190	24,300	5,271	7,758	7,570	5,130	8,270	14,717	5,056	10,477	209,237	64,249
O&M - Power Distribution	4,302	3,741	8,258	5,713	8,579	13,343	5,132	3,598	4,160	8,169	9,436	-9,306	97,075	43,111
O&M - Water	996	1,551	2,026	10,659	1,524	963	1,919	2,952	1,906	1,372	1,709	7,195	41,704	19,539
O&M - Sewer	600	0	6,025	36	0	64	2,047	0	334	0	48	854	9,921	3,347
Finance & Administration Overheads	63,218	57,763	45,990	84,748	44,063	42,864	82,437	43,564	48,821	34,598	45,678	44,363	691,996	386,388
Vehicle & Eq. Fuel	10,860	17,865	11,034	12,789	12,400	7,913	7,569	7,527	14,466	12,379	17,435	14,209	157,624	93,899
CPUC Power Usage (incl. in O&M from Oct 15)	11,705	11,967	14,380	15,451	11,369	11,640	13,772	13,458	10,596	11,066	11,251	11,564	154,062	94,715
Training	0	0	146	0	0	0	0	0	0	0	0	0	146	0
Expense - Total	515,853	532,881	530,488	567,548	534,346	506,490	591,660	487,710	501,772	452,970	429,911	402,346	6,415,080	3,907,205
Operating Income/(Loss)	132,994	153,895	116,518	63,606	196,834	177,184	80,743	155,509	114,740	162,985	144,978	124,104	1,321,686	1,157,076
Non-Cash Expenses - US\$														
Depreciation	118,520	118,520	118,520	-115,228	110,553	110,553	110,553	110,553	110,553	109,923	119,435	119,435	1,188,491	901,558
Interest Expense	5,188	5,188	5,188	26,320	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712	83,390	37,698
Non-Cash Expense - Total - US\$	123,708	123,708	123,708	-88,909	115,265	115,265	115,265	115,265	115,265	114,635	124,147	124,147	1,271,881	939,257
Net Income/(Loss) - excluding grant support - US\$	9,286	30,187	-7,190	152,515	81,569	61,919	-34,523	40,244	-526	48,350	20,831	-44	49,806	217,820
Non-operating Income (Grant Support) - US\$	0	14,194	-4,802	154,012	3,875	100	4,906	2,869	285,789	605	2,131,669	4,825	0	2,434,638
Net Income/(Loss) - including grant support - US\$	9,286	44,381	-11,992	306,527	85,444	62,019	-29,617	43,113	285,263	48,955	2,152,500	4,781	49,806	2,652,458

Financial Table 2 Cash Flow and A/R Report – June 2019 to May 2020

Cash Flow Report - US\$	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Receipts	536,996	616,328	478,101	733,594	696,175	485,013	353,595	276,019	675,755	502,030	395,254	532,747	6,993,347	3,916,588
Disbursements	525,879	716,012	418,765	435,517	765,524	436,275	610,983	562,243	298,591	549,942	236,546	597,707	6,590,718	4,057,811
Net receipts/Disbursements	11,117	-99,683	59,336	298,077	-69,349	48,738	-257,388	-286,224	377,164	-47,912	158,708	-64,960	402,629	-141,222
Cash balance (beginning)	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	1,296,167	1,454,875	1,128,509	1,531,138
Cash balance (end)	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	1,296,167	1,454,875	1,389,916	1,531,138	1,389,916
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)	1,271,715	1,172,031	1,231,367	1,529,444	1,460,095	1,508,834	1,251,445	965,221	1,342,386	1,294,473	1,453,182	1,388,222	1,529,444	1,388,222
Stocks	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	1,449,112	1,459,015	1,396,808	1,195,812	1,396,808
Trade Receivable	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	639,273	698,514	639,273
Prepaid Lease	276,608	274,576	272,545	269,879	267,817	265,756	263,694	261,632	259,570	257,508	255,446	253,385	269,879	253,385
Collateral with Vital Inc.	649,881	649,881	649,881	649,881	649,881	649,881	356,424	356,424	356,424	356,424	356,424	356,424	649,881	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	907,996	838,841	974,661	921,301	1,878,938	1,463,333	1,184,206	969,440	1,031,390	1,099,681	1,146,519	1,013,610	921,301	1,013,610
Loans Payable	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	3,710,910	3,927,640	3,711,925	3,855,776	3,711,925
Total Accounts Receivable (to date) - US\$														
Government Power	402,465	425,435	484,014	256,352	306,623	258,904	309,013	303,403	352,052	339,327	359,497	340,037	256,352	340,037
Commercial Power	113,226	95,490	85,852	201,305	192,522	-74,706	85,190	152,423	109,501	120,136	115,193	88,417	201,305	88,417
Residential Power	143,299	150,849	153,848	113,464	118,368	138,429	139,125	141,644	140,080	142,508	143,427	143,081	113,464	143,081
Water	139,937	141,361	149,569	265,746	268,594	187,729	211,066	169,057	176,710	161,753	146,398	128,081	265,746	128,081
Sewer	217,467	232,854	249,370	137,211	154,133	165,810	177,143	174,399	187,140	197,823	209,565	215,221	137,211	215,221
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	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	639,273	698,514	639,273

Financial Table 3 Power Sales Report – June 2019 to May 2020

Power Sales Report	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019 YTD	FY2020 YTD
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	86,253	78,496	76,883	81,013	73,834	68,515	68,227	65,172	69,827	73,824	69,370	63,592	963,911	552,362
Government - Pre Paid (Cash Power)	39,592	26,309	35,142	45,122	46,967	26,723	40,855	22,728	20,303	28,135	40,884	25,204	457,692	251,799
Government Streetlights	2,941	3,038	3,038	2,940	3,038	2,940	3,038	3,038	2,842	3,038	2,940	3,038	36,293	23,914
Solar	3,998	3,998	3,998	3,998	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	2,680	47,979	12,305
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	132,784	111,841	119,062	133,074	126,520	100,966	114,909	84,267	95,652	107,677	115,874	94,515	1,505,875	840,380
Commercial - Post Paid	240,595	267,872	240,669	230,215	243,113	228,596	234,092	214,159	195,224	191,431	162,408	149,175	2,953,579	1,618,200
Commercial - Pre Paid (Cashpower)	90,697	93,796	99,586	78,824	106,176	83,183	75,751	90,051	90,396	83,298	78,659	75,701	1,080,406	683,216
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	331,292	361,668	340,255	309,039	349,289	311,779	309,843	304,210	285,621	274,729	241,068	224,877	4,033,986	2,301,415
Residential - Post Paid	4,501	3,973	5,380	6,211	6,234	6,411	6,053	6,397	6,167	5,715	2,557	1,978	73,621	41,511
Residential - Pre Paid (Cashpower)	141,797	155,624	149,087	145,643	155,492	137,200	146,764	165,763	144,538	145,781	123,586	129,461	1,723,466	1,148,584
Residential Scratch Card Sales	15,382	16,674	15,302	17,543	18,249	14,506	14,526	5,649	9,376	11,460	12,139	10,939	188,513	96,845
Residential Total	161,680	176,271	169,769	169,397	179,975	158,117	167,343	177,809	160,082	162,956	138,282	142,377	1,985,600	1,286,941
Trade Power Sales Total	625,756	649,780	629,087	611,510	655,784	570,863	592,095	566,286	541,355	545,362	495,224	461,769	7,525,461	4,428,736
Intercompany - CPUC Office	1,434	1,443	1,730	1,428	1,625	1,608	1,209	1,144	1,189	1,339	1,328	1,105	16,965	10,545
Intercompany - CPUC Power Operation	3,324	3,633	3,163	3,090	3,449	3,168	2,681	3,195	3,609	2,517	2,429	2,563	38,006	23,611
Intercompany - CPUC Water Operations	5,412	5,477	5,885	6,105	5,482	5,642	5,353	5,902	5,413	5,551	4,567	4,892	69,124	42,801
Intercompany - CPUC Sewer Operations	6,293	6,490	8,495	9,346	5,887	5,998	8,418	7,556	5,183	5,515	6,684	6,672	84,938	51,914
Cash Power UnEarned	1,182	2,070	-1,101	-8,550	-13,369	14,077	0	0	0	0	0	0	-13,411	708
Provision on Rate Refund	-58,977	-61,621	-60,285	-59,530	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	2,680	-702,328	
Total Power Sales - US\$	584,423	607,271	586,974	563,399	661,538	604,144	612,545	577,410	559,428	562,964	512,912	479,681	7,018,756	4,570,621
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	154,814	140,930	139,618	151,356	142,289	138,483	138,682	132,039	139,586	152,005	152,709	152,245	1,655,387	1,148,037
Government - Pre Paid (Cash Power)	70,486	47,515	63,919	82,025	89,223	53,456	82,055	45,456	40,573	61,564	89,461	59,571	820,299	521,360
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	83,016
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	235,676	198,822	213,914	243,758	241,889	202,316	231,114	187,872	190,536	223,946	252,547	222,193	2,600,210	1,752,414
Commercial - Post Paid	442,981	493,900	448,454	445,765	482,158	475,171	487,922	446,317	406,249	412,335	372,303	374,198	5,582,156	3,456,653
Commercial - Pre Paid (Cashpower)	167,430	175,747	187,969	148,697	209,668	173,334	158,508	187,606	188,012	190,612	179,998	187,798	2,009,351	1,475,537
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	610,411	669,647	636,423	594,462	691,827	648,505	646,430	633,923	594,261	602,947	552,302	561,996	7,591,507	4,932,191
Residential - Post Paid	8,802	7,774	10,643	12,675	13,553	14,268	13,210	14,203	13,712	13,174	6,655	5,538	144,944	94,313
Residential - Pre Paid (Cashpower)	277,165	309,023	298,353	291,286	326,389	304,957	327,671	368,362	320,911	358,184	303,650	346,986	3,395,343	2,657,111
Residential Scratch Card Sales	32,142	30,657	30,460	32,839	37,560	32,036	30,608	20,329	21,563	26,212	29,539	31,017	369,106	228,864
Residential Total	318,109	347,454	339,456	336,800	377,501	351,261	371,489	402,894	356,186	397,570	339,844	383,541	3,909,393	2,980,287
Trade Power Sales Total	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	1,224,463	1,144,692	1,167,729	14,101,110	9,664,892
Intercompany - CPUC Office	5,689	5,727	6,864	5,665	6,447	6,380	4,798	4,538	4,717	5,313	5,268	14,948	67,321	52,409
Intercompany - CPUC Power Operation	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	10,172	150,819	93,695
Intercompany - CPUC Water Operations	21,476	21,733	23,354	24,226	21,754	22,389	21,243	23,419	21,479	22,029	18,123	19,411	274,303	169,847
Intercompany - CPUC Sewer Operations	24,973	25,754	33,711	37,087	23,362	23,802	33,406	29,986	20,567	21,883	26,524	26,477	337,056	206,007
Cash Power Unearned (accrual)	2,497	0	-2,787	-16,195	-31,992	21,334	0	0	0	0	0	0	-28,820	-10,658
Total Power Sales - kWh	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	1,283,677	1,204,247	1,238,737	14,901,789	10,176,192

Financial Table 4 Water Sales Report – June 2019 to May 2020

Water/Sewer Sales Report	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	11,075	10,159	12,735	10,722	10,965	11,212	9,216	13,583	10,232	8,255	7,460	7,068	97,425	77,991
Commercial	13,812	12,413	10,018	10,925	23,856	10,731	9,631	10,403	9,769	11,740	12,076	10,726	126,928	98,933
Residential	11,163	11,034	11,055	11,104	11,422	10,965	11,424	11,075	11,742	8,953	10,469	10,824	112,866	86,874
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	28,619	337,219	263,798
Sewer Sales - US\$														
Government	5,212	4,737	6,085	5,082	5,140	5,311	4,232	6,550	4,722	3,923	3,430	3,246	46,111	36,553
Commercial	9,972	9,335	8,176	7,065	14,818	8,324	5,081	8,000	7,641	8,632	8,800	7,502	96,201	68,797
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	2,840	1,316	2,255	1,663	2,765	3,018	2,243	2,824	2,233	2,629	2,931	2,934	29,690	21,576
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	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	13,682	172,002	126,925
Total Water & Sewer Sales	54,075	48,994	50,324	46,562	68,965	49,562	41,827	52,434	46,338	44,132	45,166	42,300	509,221	390,724
Water Sales - Gallons														
Government	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	1,672,336	1,502,413	1,441,019	20,597,070	15,777,631
Commercial	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	2,422,148	2,496,466	2,219,786	25,588,330	20,353,398
Residential	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	3,363,084	3,823,913	3,954,479	43,836,459	32,322,231
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	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	7,457,568	7,822,792	7,615,284	90,021,859	68,453,260

Financial Table 5 Key Performance Indicators – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
1a. Non Revenue Power	12.9%	12.0%	12.0%	13.6%	11.5%	10.3%	10.6%	10.6%	10.6%	10.7%	10.8%	10.6%	13.7%	10.7%
Total Power Generated - kWh	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	1,437,205	1,349,696	1,385,121	17,267,831	11,395,940
Total Power Billed - kWh	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	1,283,677	1,204,247	1,238,737	14,901,789	10,176,192
Generation Loss (actual from Jun 17)	24,504	25,321	24,268	17,928	20,133	18,951	15,436	17,215	19,037	15,302	14,908	14,557	284,350	135,539
Distribution Loss Derived - kWh	122,203	113,538	112,183	140,466	116,190	92,409	104,410	100,146	89,865	102,296	96,798	97,199	1,649,996	799,311
Commercial Loss (assumed 2.5%) - kWh	35,352	36,472	35,896	35,807	37,969	35,895	36,897	36,222	33,615	35,930	33,742	34,628	431,696	284,899
Total Loss - kWh	182,058	175,330	172,348	194,200	174,292	147,255	156,742	153,583	142,516	153,528	145,449	146,384	2,366,042	1,219,748
Distribution loss %	8.6%	7.8%	7.8%	9.8%	7.7%	6.4%	7.1%	6.9%	6.7%	7.1%	7.2%	7.0%	9.6%	7.0%
1b. Non Revenue Water	48.7%	52.9%	56.4%	62.9%	43.4%	56.3%	59.1%	61.1%	51.8%	55.4%	53.2%	54.0%	63.4%	54.4%
Water Produced (million gallons)	17.93	18.41	20.28	22.32	20.34	19.78	19.99	22.87	17.31	16.71	16.71	16.54	246	150
Water Billed (million gallons)	9.20	8.67	8.84	8.29	11.51	8.64	8.18	8.89	8.34	7.46	7.82	7.62	90	68
2. Current ratio	4.26	4.56	4.12	4.42	2.19	2.60	3.02	3.46	3.69	3.45	3.46	3.73	4.42	2.60
	3.98	4.29	3.85	4.18	2.07	2.48	2.81	3.19	3.42	3.21	3.23	3.54	4.18	2.48
	12.16	10.33	11.54	11.52	5.62	6.82	10.16	12.87	13.27	11.32	11.01	7.86	11.52	6.82
	8.56	7.98	7.67	4.68	2.26	3.20	4.46	7.21	8.32	7.46	7.43	6.56	4.68	3.20
3. ROA (excludes other operating income/grant support)	0.28%	0.38%	0.22%	0.88%	0.33%	0.26%	-0.14%	0.17%	0.00%	0.20%	0.08%	0.00%	3.1%	0.9%
Power Business	0.56%	0.74%	0.55%	0.36%	0.44%	0.40%	0.01%	0.31%	0.11%	0.36%	0.20%	0.19%	6.2%	2.1%
Water Business	-0.24%	-0.36%	-0.50%	5.25%	1.07%	0.62%	-0.07%	0.25%	0.18%	0.24%	0.28%	-0.76%	-3.1%	1.9%
Sewer Business	-0.84%	-1.05%	-1.08%	1.69%	-0.45%	-0.54%	-0.90%	-0.56%	-0.61%	-0.54%	-0.61%	-0.67%	-9.2%	-5.0%
4. Operating ratio	0.80	0.78	0.82	0.90	0.78	0.78	0.91	0.77	0.83	0.75	0.77	0.77	0.83	0.77
Power Business	0.77	0.74	0.78	0.83	0.77	0.75	0.86	0.74	0.80	0.71	0.72	0.70	0.79	0.74
Water Business	0.75	0.82	0.83	1.23	0.64	0.81	1.06	0.82	0.89	0.95	1.00	1.24	0.98	0.76
Sewer Business	1.66	2.32	2.29	2.79	1.26	1.56	3.06	1.58	1.82	1.72	2.02	2.26	2.28	1.78
5. Days in Accounts Receivable	34.81	35.22	39.88	34.36	34.67	18.46	30.73	32.40	34.32	34.05	37.73	36.93	33.87	16.69
Power Business	25.48	25.26	28.84	22.53	22.89	9.54	19.01	22.42	23.17	22.99	26.06	25.12	21.30	16.28
Water Business	84.88	92.95	100.14	174.56	132.36	101.39	151.52	105.70	119.34	119.59	104.96	93.82	206.27	135.86
Sewer Business	263.83	334.37	341.78	213.74	154.58	176.96	333.10	220.06	274.86	278.86	297.39	329.77	208.80	169.01

Power Table 1 Power Operation Indicators – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Generation Statistics														
Diesel Generation - kWh	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	1,346,223	1,274,404	1,318,291	16,910,468	10,818,403
Peak Generation - kW	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	2,615	2,943	2,968
Fuel Consumption - Gallons	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	90,467	1,145,000	741,674
Average Fuel Price (\$/Gallon)	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	2.11	38.88	23.22
Load Factor (%)	65%	69%	69%	66%	68%	66%	68%	71%	66%	69%	67%	70%	67%	65%
Capacity Factor (%)	52%	50%	49%	52%	53%	51%	51%	48%	48%	49%	48%	47%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	1300%	1400%	1500%	1600%	1700%	1800%	100%	100%
Reserve Plant Margin (%)	170%	180%	182%	170%	163%	172%	172%	189%	188%	182%	191%	198%	168%	165%
Solar PV Generation - kWh	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	66,830	357,363	577,537
Solar Generation %	1.8%	1.7%	1.6%	5.3%	5.3%	3.8%	4.0%	5.0%	5.7%	6.3%	5.6%	4.8%	2.1%	5.1%
Peak PV Generation - kW	196	196	178	593	633	430	466	561	601	711	588	522	1,713	4,142
Avoided Fuel - Gallons	1,700	1,686	1,535	5,157	5,653	3,770	4,060	4,896	5,246	6,214	5,175	4,586	24,197	39,594
Avoided Cost of Fuel - US\$	5,564	5,278	4,832	16,068	17,762	11,819	12,729	15,463	16,420	18,208	12,829	9,672	78,510	115,230
Tons of CO2 avoided	17.2	17.0	15.5	52.1	57.1	38.1	41.0	49.5	53.0	62.8	52.3	46.3	244.4	399.9
Labour Productivity (kWh/Emp/d)	1,550	1,600	1,577	1,514	1,605	1,541	1,581	1,537	1,415	1,502	1,422	1,471	1,448	1,386
SFOC (kWh/gal)	14.78	14.84	14.80	14.71	14.33	14.59	14.70	14.66	14.67	14.64	14.55	14.57	14.77	14.59
DG1 - GE 1.8	15.02	14.99	14.89	14.82	15.07	15.40	15.37	14.96	15.18	15.34	15.24	15.25	15.04	15.23
DG2 - GE 1.8	15.43	14.97	15.03	15.08	15.14	15.32	15.04	15.20	15.42	15.33	15.24	15.20	15.15	15.24
DG3 - CAT 1.6	4.81	4.81	5.99	6.55	12.79	0.00	0.00	0.00	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	1.00	2.00	2.00	2.00	2.00	2.00	2.00	12.45	14.58
DG5 - CAT 1.3	11.64	11.02	10.54	12.75	13.35	11.74	11.15	10.18	11.42	11.11	10.40	10.57	13.28	11.65
SLOC (kWh/gal)	4,891	1,565	3,758	3,237	3,754	1,531	1,570	2,214	2,078	3,067	3,662	1,503	2,917	2,128
DG1 - GE 1.8	3,538	1,322	3,211	2,263	5,027	1,464	1,220	1,059	3,180	2,942	2,462	1,289	2,409	1,849
DG2 - GE 1.8	0	0	0	0	0	0	0	0	0	0	0	0	3,157	2,207
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%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
Planned Outage Factor (%)	0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	27.2%	26.2%	26.0%	27.2%	27.9%	27.0%	27.0%	25.4%	25.5%	26.0%	25.2%	24.6%	27.4%	27.7%
Distribution Losses (%)	8.6%	7.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.8%	0.0%
SAIDI (hours/consumer)	0.00	0.10	0.20	0.13	0.05	0.05	0.27	0.20	0.00	0.02	0.00	0.27	0.70	0.86
SAIFI	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.024	0.014
Average Cost (\$/kWh)	0.22	0.21	0.21	0.20	0.21	0.21	0.20	0.20	0.20	0.19	0.16	0.14	0.215	0.189

Power Table 2 Power Generation Statistics – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	470,551	631,714	606,787	497,801	794,341	670,376	558,984	472,454	457,961	567,736	494,829	488,549	6,417,815	4,505,230
DG2 - GE 1.8	786,294	768,085	769,655	755,515	85,201	435,578	657,724	738,693	642,824	610,327	649,552	696,627	8,642,917	4,516,526
DG3 - CAT 1.6	3,059	337	419	5,687	93,821	0	0	0	563	0	0	0	384,549	94,384
DG4 - CAT 1.3	0	0	0	0	28,249	44,969	76,343	85,964	0	0	0	0	249	235,525
DG5 - CAT 1.3	129,051	33,715	36,249	97,390	436,126	229,888	123,143	79,994	166,289	168,160	130,023	133,115	1,464,938	1,466,738
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	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	1,346,223	1,274,404	1,318,291	16,910,468	10,818,403
PP Solar F1	0	0	0	11,753	17,823	11,907	13,034	15,588	16,731	19,438	16,372	8,589	11,753	119,482
High School Solar F1	19,498	19,852	17,874	18,982	21,251	14,280	15,600	19,080	20,520	24,600	22,080	18,480	234,261	155,891
PP Solar F3	0	0	0	8,289	11,188	7,165	7,872	9,406	10,016	12,292	10,537	14,621	8,289	83,097
Airport Roof F4	5,626	5,179	4,851	5,835	4,094	4,900	4,900	5,700	6,100	6,900	5,900	4,600	72,046	43,094
Airport Carpark F4	0	0	0	15,455	19,173	11,969	13,014	15,637	16,742	19,438	13,230	14,716	15,455	123,919
WWTP F4	0	0	0	15,559	7,499	4,782	5,249	6,376	6,837	8,314	7,173	5,824	15,559	52,054
Solar PV Generation Total (kWh)	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	66,830	357,363	577,537
Total Generation (kWh)	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	1,437,205	1,349,696	1,385,121	17,267,831	11,395,940
Maximum Demand (kW)	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	2,615	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)	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	10,172	150,819	93,695
Running Hours														
DG1 - GE 1.8	459	620	614	495	715	657	657	478	468	581	527	520	6,078	4,603
DG2 - GE 1.8	710	706	723	690	80	447	447	709	653	622	672	736	7,668	4,366
DG3 - CAT 1.6	3	3	2	7	156	0	0	0	0	2	2	0	696	160
DG4 - CAT 1.3	0	0	0	0	72	96	96	200	0	0	0	0	0	464
DG5 - CAT 1.3	219	63	73	163	660	380	380	130	288	291	230	234	2,317	2,593
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,391	1,392	1,412	1,355	1,683	1,580	1,580	1,517	1,409	1,496	1,431	1,490	16,759	12,186

Power Table 3 Fuel & Lube Oil Statistics – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	31,330	42,152	40,751	33,581	52,715	43,522	36,370	31,590	30,172	37,001	32,479	32,046	426,748	295,896
DG2 - GE 1.8	50,955	51,311	51,193	50,096	5,628	28,434	43,735	48,604	41,693	39,816	42,611	45,831	570,529	296,350
DG3 - CAT 1.6	636	70	70	868	7,336	0	0	0	0	0	0	0	37,364	7,336
DG4 - CAT 1.3	0	0	0	0	1,958	3,102	5,216	5,879	0	0	0	0	20	16,155
DG5 - CAT 1.3	11,086	3,059	3,438	7,641	32,669	19,582	11,042	7,857	14,559	15,134	12,504	12,590	110,339	125,936
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	90,467	1,145,000	741,674
Average Fuel Price (\$/Gallon)	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	2.11	3.24	2.91
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	0	265	0	0	0	193	193	181	144	193	201	114	795	1,219
DG2 - GE 1.8	0	265	0	0	0	74	74	176	106	151	147	138	1,060	866
DG3 - CAT 1.6	0	0	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	0	0	0	95	10	10	0	0	0	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)	0	530	0	0	95	277	277	357	250	344	348	252	2,235	2,200
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	133	213	189	220	158	265	265	265	0	0	0	265	1,869	1,218
DG2 - GE 1.8	151	173	187	199	120	265	265	0	265	0	0	265	1,678	1,180
DG3 - CAT 1.6	0	0	0	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	10	95	95	0	95	95	0	95	0	485
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	386	376	419	288	625	625	265	360	95	0	625	3,562	2,883

Power Table 4 Distribution Feeder Statistics - June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	2019 YTD	2020 YTD
Feeder 1 Load	372,240	369,423	384,699	386,137	407,452	378,027	395,422	388,160	370,702	414,164	399,718	395,332	4,474,271	3,148,977
Feeder 2 Load	115,761	121,066	122,901	119,729	138,717	130,673	134,935	138,695	125,578	123,480	115,696	115,033	1,458,635	1,022,807
Feeder 3 Load	425,513	444,707	428,584	418,712	448,906	428,625	434,663	425,034	394,056	428,257	401,002	414,851	5,043,967	3,375,394
Feeder 4 Load	329,687	323,485	322,614	336,348	342,362	322,669	334,580	319,152	296,115	316,002	291,404	298,306	3,962,444	2,520,590
Feeder 5 Load	146,374	174,880	152,769	153,412	161,196	156,869	160,827	160,636	139,095	140,000	126,968	147,042	2,044,163	1,192,633
Total Feeder Load (kWh)	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	1,421,903	1,334,788	1,370,564	16,983,480	11,260,401
													0	0
Feeder 1 Sales	324,497	316,825	332,997	336,964	361,522	343,672	341,446	333,841	323,618	359,700	373,590	359,285	3,893,759	2,796,674
Feeder 2 Sales	100,886	95,926	106,867	104,991	106,453	114,640	123,125	98,278	104,649	101,103	98,365	95,809	1,214,353	842,422
Feeder 3 Sales	351,041	378,385	352,601	343,851	388,632	359,997	376,821	409,670	365,333	359,708	339,015	349,582	4,314,626	2,948,758
Feeder 4 Sales	312,561	309,279	317,987	298,274	314,634	312,604	327,287	317,928	275,522	287,732	283,572	288,911	3,693,340	2,408,189
Feeder 5 Sales	132,854	165,865	136,441	136,997	146,228	143,605	144,995	123,218	115,784	123,400	100,109	125,732	1,623,610	1,023,069
Total Feeder Sales (kWh)	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	1,231,642	1,194,652	1,219,319	14,739,689	10,019,112
Feeder 1 Loss - kWh	47,743	52,598	51,702	49,173	45,930	34,355	53,976	54,319	47,084	54,464	26,128	36,047	580,512	352,303
Feeder 2 Loss - kWh	14,875	25,140	16,034	14,738	32,264	16,033	11,810	40,417	20,929	22,377	17,331	19,224	244,282	180,385
Feeder 3 Loss - kWh	74,472	66,322	75,983	74,861	60,274	68,628	57,842	15,364	28,723	68,549	61,987	65,269	729,341	426,636
Feeder 4 Loss - kWh	17,126	14,206	4,627	38,074	27,728	10,065	7,293	1,224	20,593	28,270	7,832	9,395	269,104	112,401
Feeder 5 Loss - kWh	13,520	9,015	16,328	16,415	14,968	13,264	15,832	37,418	23,311	16,600	26,859	21,310	420,553	169,564
Total Feeder Loss - kWh	167,735	167,282	164,674	193,261	181,165	142,346	146,753	148,742	140,641	190,261	140,136	151,245	2,243,791	1,241,289
Feeder 1 Loss - %	12.8%	14.2%	13.4%	12.7%	11.3%	9.1%	13.7%	14.0%	12.7%	13.2%	6.5%	9.1%	13.0%	11.2%
Feeder 2 Loss - %	12.8%	20.8%	13.0%	12.3%	23.3%	12.3%	8.8%	29.1%	16.7%	18.1%	15.0%	16.7%	16.7%	17.6%
Feeder 3 Loss - %	17.5%	14.9%	17.7%	17.9%	13.4%	16.0%	13.3%	3.6%	7.3%	16.0%	15.5%	15.7%	14.5%	12.6%
Feeder 4 Loss - %	5.2%	4.4%	1.4%	11.3%	8.1%	3.1%	2.2%	0.4%	7.0%	8.9%	2.7%	3.1%	6.8%	4.5%
Feeder 5 Loss - %	9.2%	5.2%	10.7%	10.7%	9.3%	8.5%	9.8%	23.3%	16.8%	11.9%	21.2%	14.5%	20.6%	14.2%
Total Feeder Loss - %	12.1%	11.7%	11.7%	13.7%	12.1%	10.0%	10.0%	10.4%	10.6%	13.4%	10.5%	11.0%	13.2%	11.0%

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

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	294	1,410	8,001
F02	204	1,116	1,163
F03	256	2,140	939
F04	218	2,952	2,906
F05	181	2,041	707
Total	231	1,932	2,743

Power Table 6 Power Distribution Statistics – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Number of Outages (Frequency)														
Forced - Generation	0	1	0	0	2	1	0	0	0	0	0	0	2	3
Planned - Generation	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total Number of Outages (Gen)	0	1	0	0	2	1	0	0	0	0	0	0	4	3
Forced - Distribution	0	6	0	3	11	5	1	0	0	0	0	3	21	20
Feeder 1	0	1	0	0	2	1	0	0	0	0	0	0	2	3
Feeder 2	0	2	0	0	3	1	0	0	0	0	0	2	4	6
Feeder 3	0	1	0	3	2	1	0	0	0	0	0	1	5	4
Feeder 4	0	1	0	0	2	1	0	0	0	0	0	0	4	3
Feeder 5	0	1	0	0	2	1	1	0	0	0	0	0	6	4
Planned - Distribution	0	0	3	5	0	0	0	1	0	1	0	1	18	3
Feeder 1	0	0	1	1	0	0	0	0	0	1	0	0	4	1
Feeder 2	0	0	0	1	0	0	0	1	0	0	0	0	3	1
Feeder 3	0	0	1	1	0	0	0	0	0	0	0	1	4	1
Feeder 4	0	0	0	1	0	0	0	0	0	0	0	0	3	0
Feeder 5	0	0	1	1	0	0	0	0	0	0	0	0	4	0
Total Number of Outages (Dist)	0	6	3	8	11	5	1	1	0	1	0	4	39	23

Power Table 7 Power Outage Statistics – June 2019 to May 2020

	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	FY2019	FY2020 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
Planned - Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Duration Gen Outage (Hrs)	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
Forced - Distribution	0.0	2.7	0.0	3.2	1.3	1.3	7.4	0.0	0.0	0.0	0.0	5.5	13.0	15.4
Feeder 1	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
Feeder 2	0.0	2.4	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	5.5	3.8	6.3
Feeder 3	0.0	0.1	0.0	3.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.3
Feeder 4	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4
Feeder 5	0.0	0.1	0.0	0.0	0.3	0.3	7.4	0.0	0.0	0.0	0.0	0.0	4.5	7.9
Planned - Distribution	0.0	0.0	5.3	0.4	0.0	0.0	0.0	5.4	0.0	0.5	0.0	2.0	6.0	7.9
Feeder 1	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.8	0.5
Feeder 2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.1	5.4
Feeder 3	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.9	2.0
Feeder 4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Feeder 5	0.0	0.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
Total Duration Dist Outage (Hrs)	0.0	2.7	5.3	3.6	1.3	1.3	7.4	5.4	0.0	0.5	0.0	7.5	19.0	23.3

Water Table 1 Water Production & Sales Data Statistics – June 2019 to May 2020

COMPANY WIDE DATA	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	FY2020 YTD
Water Production (Gallons)													
WTP Production	365,400	422,700	800	72,800	880,000	716,800	371,600	936,700	4,500	2,000	2,000	488,500	3,402,100
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	4,656,000
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	4,656,000
Pink Apartment Vol in to Supply/(Storage)	0	0	0	0	0	0	0	0	0	0	0	0	0
Tankerred volume for billing													0
Well Production (into supply)	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	16,703,600	15,958,300	16,052,400	146,107,200
Volume into network	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	16,705,600	15,960,300	16,540,900	149,509,300
Water Volume (Billed)													
Commercial	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	2,330,928	2,491,998	2,457,885	20,079,546
Government (excludes hospital)	756,715	950,953	1,275,962	1,183,295	999,880	1,031,232	1,140,248	1,656,908	1,341,785	638,966	614,003	663,039	8,086,061
Government Hospital	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	1,020,600	870,300	752,500	7,535,500
Residential	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	3,436,374	3,843,990	3,739,960	32,712,052
Water Delivery and Bunkering	0	0	0	0	0	0	0	191,500	257,500	368,000	228,000	64,000	1,109,000
Water Adjustment													0
Total	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	7,794,868	8,048,291	7,677,384	69,522,159
NRW													
Volume	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	8,910,732	7,912,009	8,863,516	79,987,141
Percentage	47.5%	52.9%	56.4%	61.7%	43.4%	56.3%	59.1%	60.3%	50.4%	53.3%	49.6%	53.6%	53.5%
 invoiced Water (Value)													
Water Delivery and Bunkering								\$2,897.05	\$3,462.90	\$5,382.30	\$3,847.20	\$1,437.45	17,027
Commercial	\$13,812	\$12,413	\$10,018	\$10,925	\$23,856	\$10,731	\$9,631	\$10,403	\$9,835	\$11,740	\$12,083	\$10,726	99,006
Government (includes hospital)	\$11,075	\$10,159	\$12,736	\$10,722	\$10,965	\$11,212	\$9,216	\$13,583	\$10,232	\$8,255	\$7,381	\$7,085	77,929
Residential	\$11,163	\$11,034	\$11,351	\$11,104	\$12,027	\$11,279	\$11,772	\$10,820	\$11,733	\$8,995	\$10,462	\$10,824	87,913
Total	\$36,051	\$33,606	\$34,105	\$32,751	\$46,848	\$33,222	\$30,619	\$37,704	\$35,263	\$34,372	\$33,774	\$30,073	\$281,875
Sewer Charges													
Commercial	\$6,551	\$5,885	\$4,726	\$4,540	\$11,435	\$4,972	\$4,248	\$4,646	\$4,288	\$5,279	\$5,447	\$4,684	44,999
Commercial - w/o water	\$2,447	\$2,447	\$2,447	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	19,036
Government	\$5,212	\$4,737	\$6,085	\$5,082	\$5,140	\$5,311	\$4,232	\$6,550	\$4,722	\$3,923	\$3,430	\$3,301	36,608
Residential	\$929	\$891	\$928	\$858	\$905	\$905	\$1,027	\$924	\$808	\$719	\$1,007	\$964	7,259
Residential w/o water	\$1,940	\$1,920	\$1,920	\$1,910	\$1,910	\$1,960	\$1,971	\$1,920	\$1,936	\$1,930	\$2,041	\$2,000	15,669
Total	\$17,080	\$15,879	\$16,105	\$14,769	\$21,769	\$15,528	\$13,858	\$16,420	\$14,134	\$14,229	\$14,304	\$13,329	\$123,571

Water Table 2 Water/Sewer Connection Data – June 2019 to May 2020

COMPANY WIDE DATA	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	FY2020 YTD
Water Connection Data (No. of Connections)	479	485	478	478	480	478	479	483	468	463	457	467	467
Commercial - Billed	83	81	81	81	81	81	80	80	81	80	79	79	79
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	33,699	32,700	27,116	29,553	62,042	25,964	23,410	25,031	22,161	29,137	31,544	31,112	254,171
Government - Billed	19	21	18	19	19	18	20	18	16	16	18	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 Avge Consumption - Gall/conn/mth	39,827	45,283	70,887	62,279	52,625	57,291	57,012	92,050	83,862	39,935	34,111	36,836	449,226
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	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	1,020,600	870,300	752,500	7,535,500
Residential - Billed	376	382	378	377	379	378	378	384	370	366	359	369	369
Residential - Disconnected	3	3	3	3	3	3	2	2	1	2	1	3	3
Residential - Meter Pulled	3	0	1	1	1	1	1	1	1	1	1	1	1
Residential Avge Consumption - Gall/conn/mth	11,513	10,392	10,781	10,589	11,297	11,310	11,818	10,873	12,142	9,389	10,707	10,135	88,651
Sewer Connection Data (No. of Connections)	489	490	487	484	487	491	490	487	484	486	497	495	495
Commercial Billed	46	46	48	47	47	46	44	45	48	49	51	51	51
Commercial Billed w/o water	43	43	43	43	43	43	43	43	43	43	43	43	43
Government Billed	18	20	17	18	18	17	19	17	15	15	17	17	17
Residential Billed	189	190	188	186	189	190	190	191	186	187	190	193	193
Residential Billed w/o water	193	191	191	190	190	195	194	191	192	192	196	191	191
STP Inflow (MG/month)	13.0	13.0	16.0	17.0	13.5	14.0	16.0	17.0	13.0	14.0	13.0		101
SEWER OVERFLOW W/O's													
North Zone	1	1	1	1	1	1	1	0	1	0	0		4
South Zone	1	2	2	1	0	1	1	1	1	0	0		4

Water Table 3 Zonal Water Use Statistics – FY2020

ZONAL NRW - May 2020					ZONAL NRW - FY2020 YTD				
Zone	Production Gallons	Sales Gallons	NRW		Zone	Production Gallons	Sales Gallons	NRW	
			Gallons	%				Gallons	%
1	48,000	26,155	21,845	46%	1	384,000	230,738	153,262	40%
2	13,218,900	5,259,857	7,959,043	60%	2	118,098,600	47,839,722	70,258,878	59%
3	10,000	0	10,000	0%	3	80,000	124,200	-44,200	-55%
4	742,100	161,822	580,278	78%	4	6,351,400	1,682,650	4,668,750	74%
5	0	6	-6	0%	5	0	13,506	-13,506	-
6	1,820,200	1,887,920	-67,720	-4%	6	17,068,900	13,491,580	3,577,320	21%
7	100,000	24,240	75,760	76%	7	800,000	474,640	325,360	41%
8	601,700	253,389	348,311	58%	8	6,723,900	4,556,171	2,167,729	32%
Water Delivery/Bunk		64,000			Water Delivery/Bunk		1,109,000		
Total	16,540,900	7,677,389	8,863,511	53.6%	Total	149,506,800	69,522,207	79,984,593	53.5%
ZONAL WATER CONSUMPTION - May 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	-	5,230	1	0	0	-	46,138
2	32,255	40,053	-	8,334	2	267,648	326,728	-	83,868
3	0	0	-	0	3	3,688	0	-	0
4	0	0	-	11,559	4	0	0	-	120,189
5	0	0	-	0	5	0	0	-	0
6	18,839	0	752,500	467	6	113,933	0	7,535,500	132,271
7	0	0	-	4,040	7	0	0	-	79,107
8	0	28,470	-	8,258	8	0	767,718	-	54,324
Total	51,093	68,523	752,500	37,888	Total	313,646	424,864	10,404,000	118,120

Work Order Summary – End May 2020

Work Order Type	WO at Start of	New	Printed	Despatched	Completed	WO at End of
INTERNAL MAINTENANCE	3	0	0	0	0	3
INTERNAL POWER	3	0	0	0	0	3
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	0	0	0	0	0	0
POWER	15	6	6	0	4	17
REVENUE	42	7	8	0	7	42
SEWER	32	18	18	0	14	36
WATER	178	55	60	0	37	196
TOTAL ALL WORK ORDERS	273	86	92		62	297
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At		
INTERNAL MAINTENANCE	1.1%	0.0%	-	1.0%		
INTERNAL POWER	1.1%	0.0%	-	1.0%		
INTERNAL SEWER	0.0%	0.0%	-	0.0%		
INTERNAL WATER	0.0%	0.0%	-	0.0%		
POWER	5.5%	7.0%	19.0%	5.7%		
REVENUE	15.4%	8.1%	14.3%	14.1%		
SEWER	11.7%	20.9%	28.0%	12.1%		
WATER	65.2%	64.0%	15.9%	66.0%		
TOTAL ALL WORK ORDERS			17.3%			

Administration Table 1 H&S Statistics – May 2020



HEALTH & SAFETY REPORT: FY2020 - May 2020

1. ACCIDENT REPORT

DEPARTMENT		May 2020						YEAR TO DATE - FY2020					
	Numb er of Staff	Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	23	3,476	0	0	0	0	0	27,619	0	0	0	0	0
Maintenance	5	1,124	0	0	0	0	0	7,444	0	0	0	0	0
Power Distribution - Line	21	3,446	0	0	0	0	0	25,847	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Water & Sewer	26	3,700	0	0	0	0	0	32,849	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	3,151	0	0	0	0	0	23,345	0	0	0	0	0
TOTAL	95	14,897	0	0	0	0	0	117,105	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

970,728

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		May 2020		
	Numb er of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	23	122	0	122
Maintenance	5	0	0	0
Power Distribution - Line	21	97	0	97
Power Distribution - Contractors	0	0	0	0
Water & Sewer	26	230	0	230
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	20	166	0	166
TOTAL	95	616	0	616

Year To Date FY2020		
Total Hours Sick	Accident Related	Poor Health
910	0	910
47	0	47
1,579	0	1,579
0	0	0
1,618	0	1,618
0	0	0
1,144	0	1,144
5,299	0	5,299

Sick Hours as Percentage of Total Hours Worked		4.1%	0.0%	4.1%
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4.5%	0.0%	4.5%
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DEPARTMENT		May 2020		
Sick Hours as Percentage of Total Hours Worked	Numb er of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	23	3.5%	0.0%	3.5%
Maintenance	5	0.0%	0.0%	0.0%
Power Distribution - Line	21	2.8%	0.0%	2.8%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	26	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	20	5.3%	0.0%	5.3%
TOTAL	95	4.1%	0.0%	4.1%

Administration Table 2 Attendance Summary – May 2020 & FY 2020

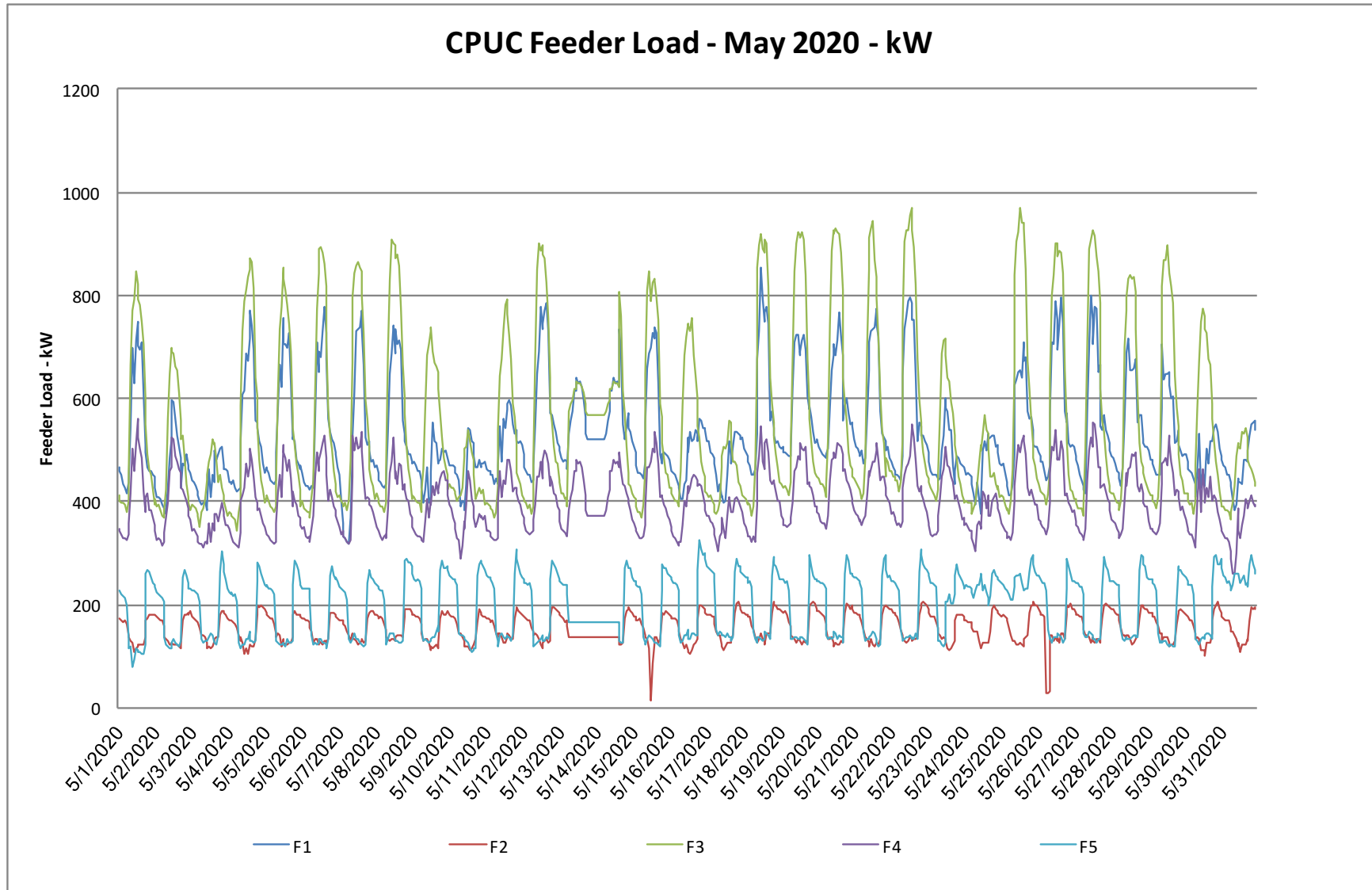
DEPARTMENT	May 2020								YEAR TO DATE - FY2020							
DEPARTMENT	Num ber of Staff	Hours Worked		Nation al Holid ay	Sick Leave	Annua l Leave	Total Hours Claime d	AWO L	Hours Worked		Nation al Holid ay	Sick Leav e	Annu al Leav e	Total Hours Claimed	AW OL	Sick Leav e As % of Hour s
		Regular	Overti me						Regular	Overti me						
Power Generation	23	3,278	198	96	122	95	3,789	5	26,061	1,558	810	910	1,698	31,038	351	2.9%
Maintenance	5	993	130	46	0	15	1,185	5	6,641	803	296	47	410	8,198	18	0.6%
Power Distribution - Line	21	3,247	199	168	97	183	3,894	0	24,559	1,288	1,389	1,579	2,448	31,263	150	5.0%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Water & Sewer	26	3,390	310	176	230	121	4,227	3	29,638	3,212	1,417	1,618	1,407	37,292	457	4.3%
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	3,032	119	161	166	253	3,731	1	22,134	1,211	1,101	1,144	2,238	27,828	50	4.1%
TOTAL EMPLOYEES	95	13,941	956	647	616	665	16,825	14	109,034	8,072	5,013	5,299	8,201	135,618	###	3.9%

REGULAR STAFF	95	13,941	956	647	616	665	16,825	14	109,034	8,072	5,013	5,299	8,201	135,618	###	
Hours as % of Total Hours Claimed		82.9%	5.7%	3.8%	3.7%	4.0%		0.1%	80.4%	6.0%	3.7%	3.9%	6.0%		0.8%	

CAPEX Table 1 Capex Summary Sheet – May 2020

Chuuk Public Utility Corporation Capex Summary Sheet as of May 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	216,633	-12,233	0	156,120	48,280	-60,513
Total	1,220,698	846,562	858,795	-12,233	374,136	837,418	383,280	-21,377

Graph Showing Feeder Loads in kW - May 2020



Graph Showing Generation Output in kW – May 2020

