

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2020 - April 2020



Issued: 18 May 2020

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Apr-20	YTD FY2020	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Apr-20	FY2020	Apr-20	FY2020
Revenue	574,889	4,537,831	0.477	0.508	0.426	0.453
Variable Costs	228,401	2,174,486	0.190	0.243	0.169	0.217
Fixed Costs	201,510	1,330,373	0.167	0.149	0.149	0.133
Total Expenses	429,911	3,504,858	0.357	0.392	0.319	0.350
Operating result	144,978	1,032,973	0.120	0.116	0.107	0.103
		kWh				
Power generation	1,349,696	10,010,819				
Diesel	1,274,404	9,500,112				
Solar	75,292	510,707				
Solar PV as % of Total Generation	5.6%	5.1%				
Avoided Cost of Fuel - US\$	12,829	105,779				
Tons of CO ₂ Avoided	52.3	353.6				
Government Sales	252,547	1,530,221	Feeder	Conns	Apr-20	FY2020
Commercial Sales	552,302	4,370,195	F1	505	373,590	2,437,389
Residential Sales	339,844	2,596,746	F2	490	98,365	746,613
Intercompany Sales	59,555	450,950	F3	400	339,015	2,599,176
Sales Accrual	0	-10,658	F4	393	283,572	2,119,279
Total Sales	1,204,247	8,937,454	F5	502	100,109	897,337
Power Loss	10.8%	10.7%	Total	2,289	1,194,652	8,799,793
Operating ratio	0.77	0.77	NB - Error on Total and Feeder sales YTD is <1.2%; 9,640 kWh station use is not included			
Water Produced - Gallons	16,705,100	133,702,500				
Water Sold - Gallons	7,822,792	60,837,976				
Non Revenue Water	53.2%	54.5%				

Daily generated output in April was 44,390 kWh/day down 3.0% on March. Average daily sales were 40,142 kWh/day – 3.1% lower than March. Total power loss was 10.6% (10.7% YTD).

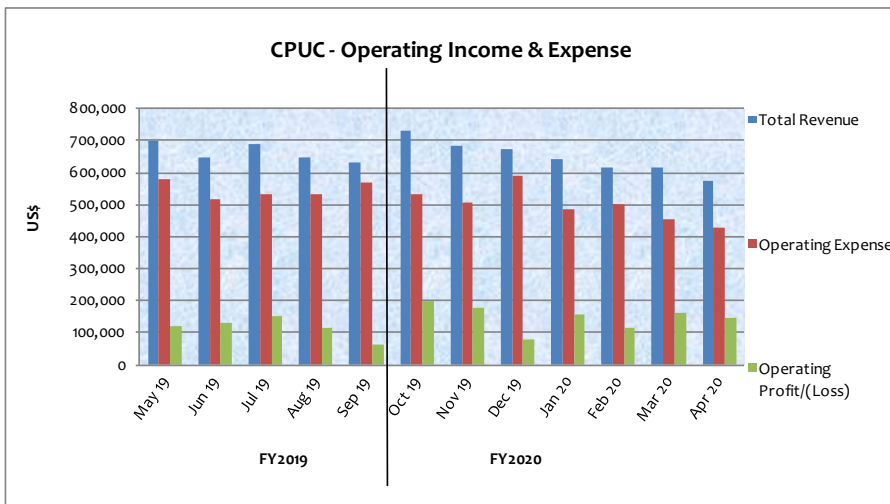
Average fuel efficiency for April was 14.55 kWh/gallon.

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

Government – 21.0%; Commercial – 45.9%; Residential – 28.2%; Intercompany 4.9 %; Accrual 0.0%;

Solar PV generation decreased in April and was 75,292 kWh or 5.6 % of total generation. The avoided cost of fuel was US\$12,829 and the amount of Carbon Dioxide avoided was 52.3 tons.

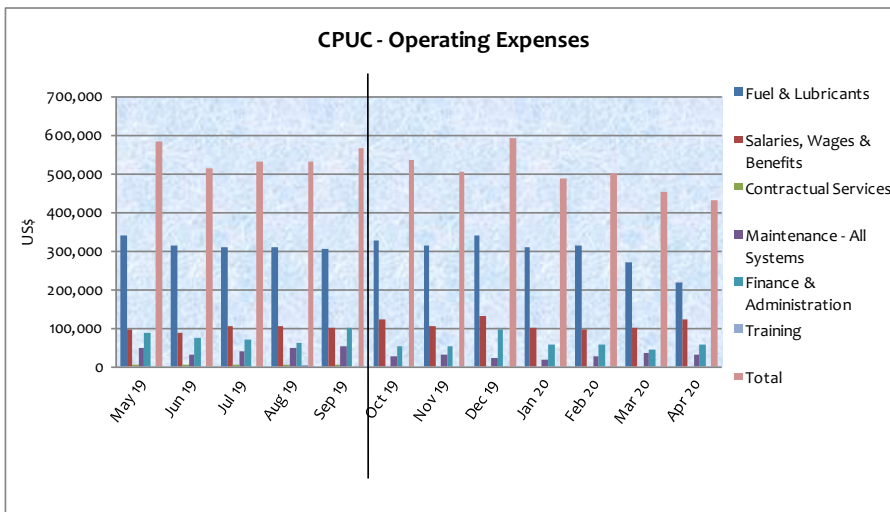
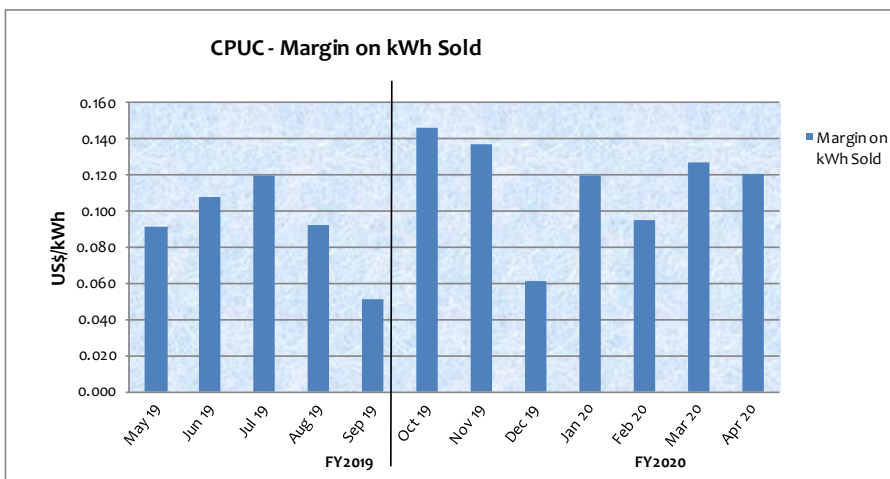
The April operating result was US\$144,978 or 0.77; with a positive OR after depreciation and interest of US\$217,834 YTD.

1
FINANCIAL PERFORMANCE GRAPHS

1.1 Key Points:

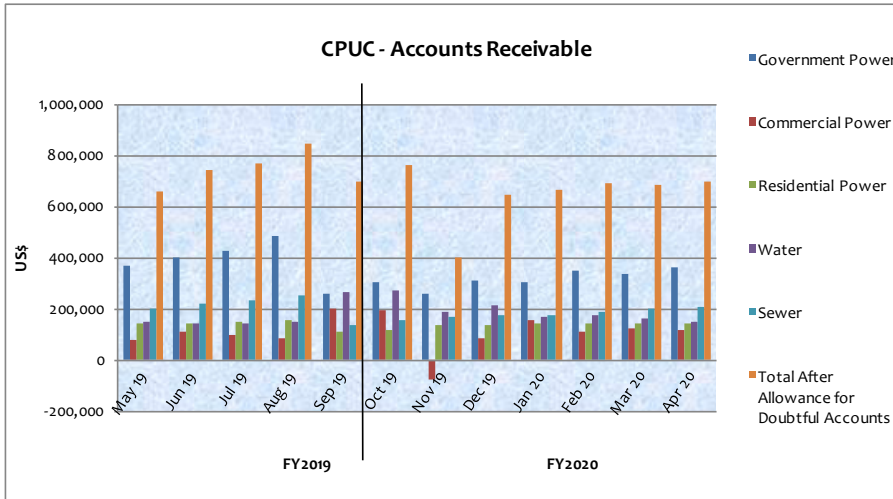
FY2020 Operating income before Depreciation & Interest :

FY2020
US\$1,032,973

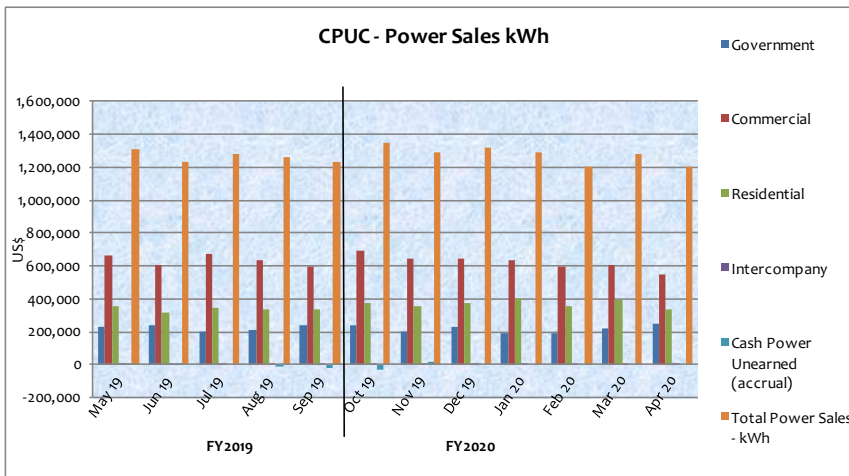
Operating ratio:
FY2020 0.77;


1.2 Key Points:

1.3 Key Points:

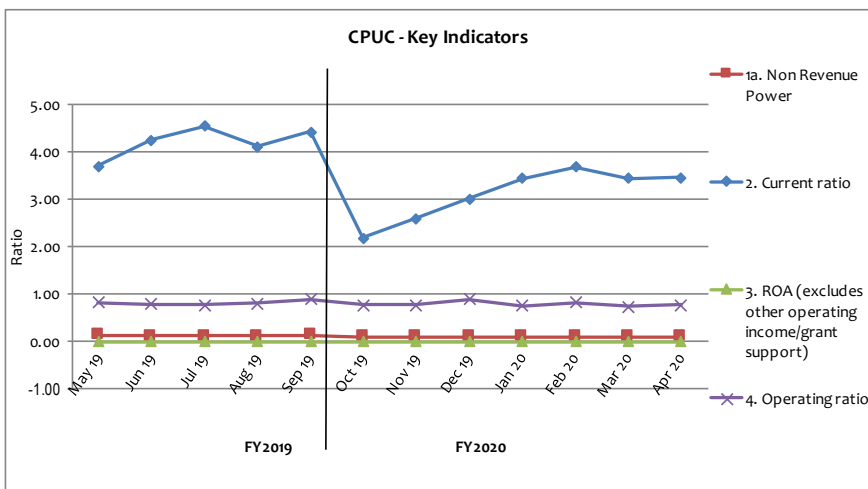
YTD US\$0.115 kWh sold.



1.4 Key Points:

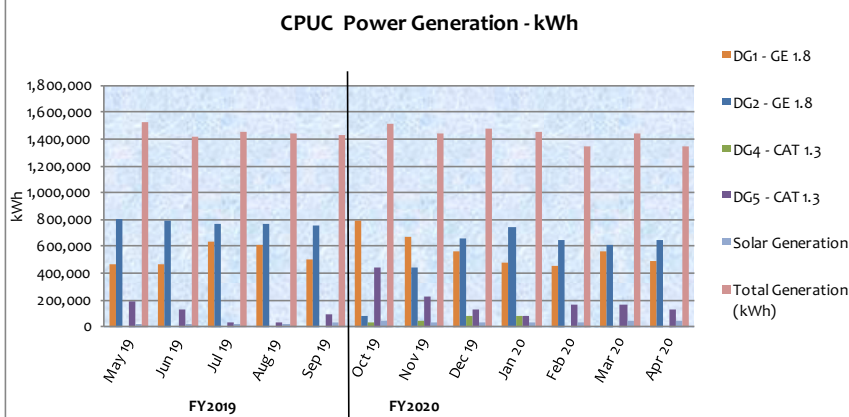


1.5 Key Points:

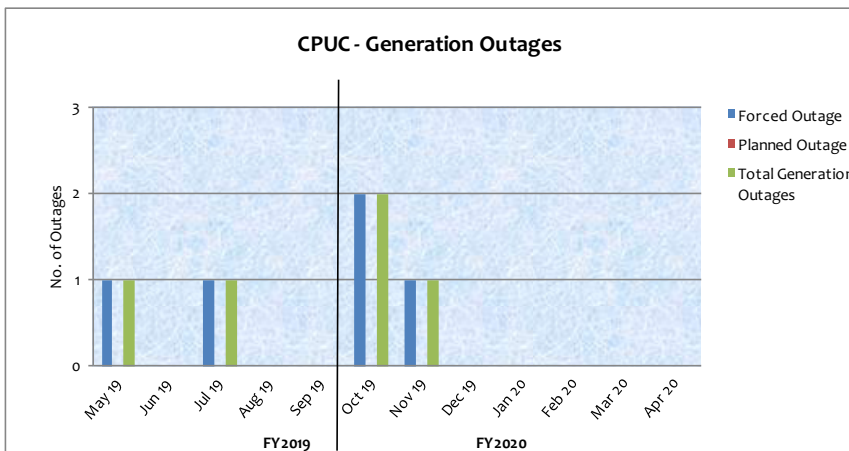


1.6 Key Points:

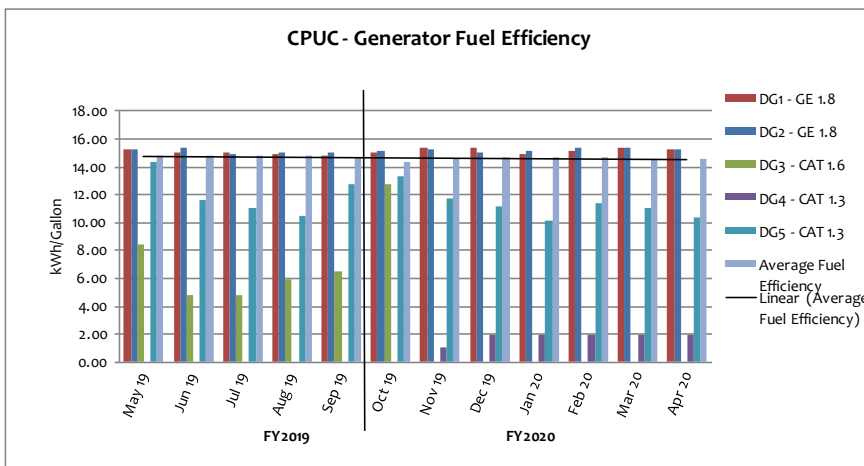
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



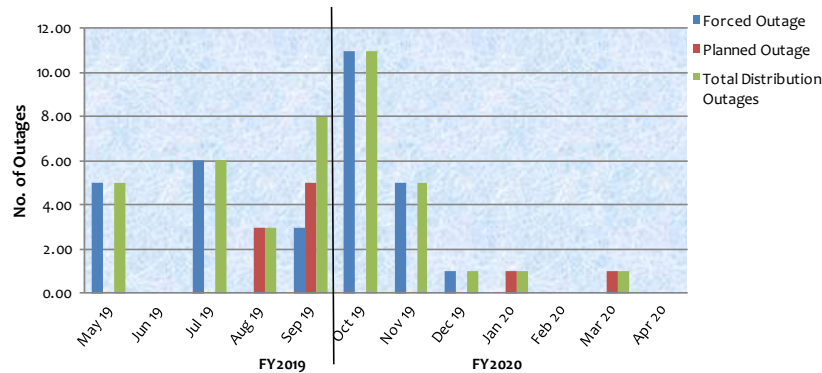
2.2 Key Points:



2.3 Key Points:

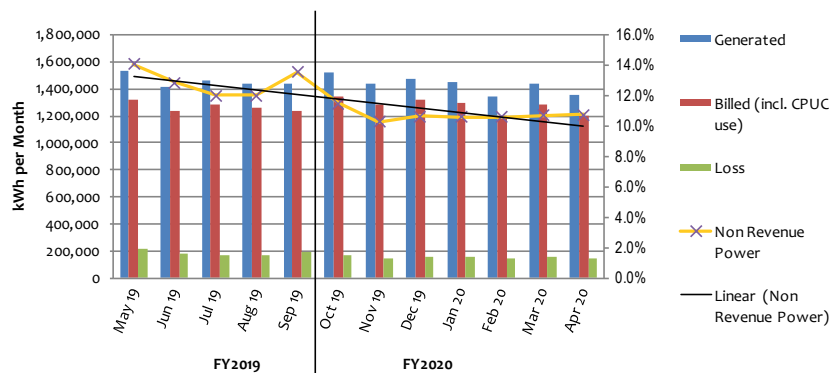
Avg fuel efficiency in FY2020 14.7 kWh/gall.

CPUC - Distribution Outages



2.4 Key Points

CPUC - Monthly kWh Generation & Usage Analysis

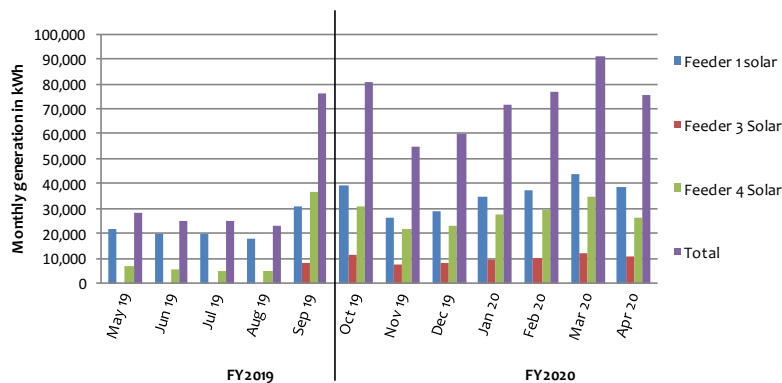


2.5 Key Points:

Power loss for April 2020 – 10.6%;

YTD 10.7%;

CPUC - Solar PV Systems Output



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

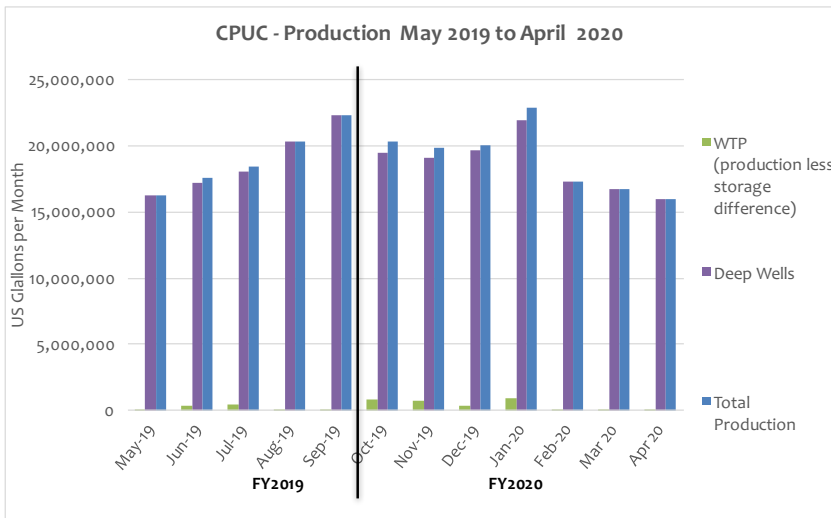
Solar PV accounted for 5.6% of CPUC generation in April 2020;

The avoided cost of fuel was:
 US\$12,869

Avoided Tons of CO₂ was 52.3 Tons;

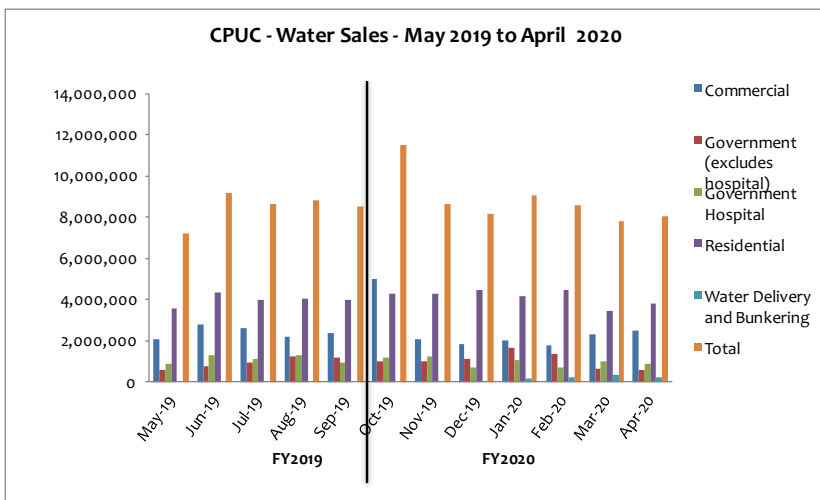
3

WATER PERFORMANCE GRAPHS

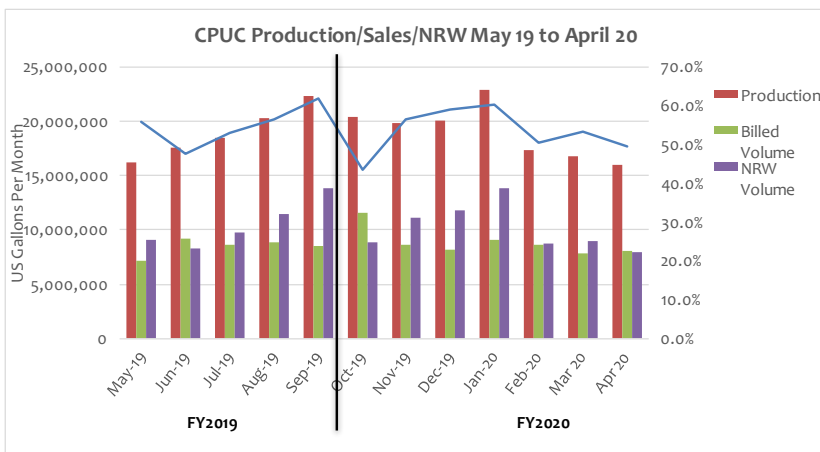


1 Key Points:

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 – May 2019 to April 2020

Revenue - US\$	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
Operating revenue:														
a. Power Sales	623,984	584,423	607,271	586,974	563,399	614,741	601,355	609,757	584,082	556,748	560,284	510,232	7,018,756	4,037,199
b. Water Sales	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	337,219	235,180
c. Sewer Sales	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	172,002	113,244
d. Other operating revenue	34,898	10,349	30,511	9,708	21,194	47,474	32,758	20,819	6,703	13,426	11,539	19,491	208,790	152,209
Revenue - Total	701,637	648,847	686,776	647,007	631,154	731,180	683,675	672,402	643,219	616,511	615,954	574,889	7,736,766	4,537,831
Expenses - US\$														
Fuel & Lubricants	338,876	314,459	309,642	309,098	306,466	328,534	315,199	338,732	308,006	314,668	269,046	217,150	3,799,614	2,091,334
Salaries, Wages & Benefits	98,743	90,353	107,044	105,970	102,394	122,607	106,746	132,481	103,474	98,551	101,624	122,148	1,179,800	787,632
Contractual Services	5,316	5,077	5,298	5,372	4,992	0	0	0	0	0	0	0	73,902	0
O&M - Power Generation	21,962	14,283	18,010	22,190	24,300	5,271	7,758	7,570	5,130	8,270	14,717	5,056	209,237	53,772
O&M - Power Distribution	10,265	4,302	3,741	8,258	5,713	8,579	13,343	5,132	3,598	4,160	8,169	9,436	97,075	52,417
O&M - Water	3,710	996	1,551	2,026	10,659	1,524	963	1,919	2,952	1,906	1,372	1,709	41,704	12,344
O&M - Sewer	421	600	0	6,025	36	0	64	2,047	0	334	0	48	9,921	2,493
Finance & Administration Overheads	77,357	63,218	57,763	45,990	84,748	44,063	42,864	82,437	43,564	48,821	34,598	45,678	691,996	342,025
Vehicle & Eq. Fuel	13,952	10,860	17,865	11,034	12,789	12,400	7,913	7,569	7,527	14,466	12,379	17,435	157,624	79,690
CPUC Power Usage (incl. in O&M from Oct 15)	10,970	11,705	11,967	14,380	15,451	11,369	11,640	13,772	13,458	10,596	11,066	11,251	154,062	83,151
Training	0	0	0	146	0	0	0	0	0	0	0	0	146	0
Expense - Total	581,571	515,853	532,881	530,488	567,548	534,346	506,490	591,660	487,710	501,772	452,970	429,911	6,415,080	3,504,858
Operating Income/(Loss)	120,065	132,994	153,895	116,518	63,606	196,834	177,184	80,743	155,509	114,740	162,985	144,978	1,321,686	1,032,973
Non-Cash Expenses - US\$														
Depreciation	118,520	118,520	118,520	118,520	-115,228	110,553	110,553	110,553	110,553	110,553	109,923	119,435	1,188,491	782,123
Interest Expense	5,188	5,188	5,188	5,188	26,320	4,712	4,712	4,712	4,712	4,712	4,712	4,712	83,390	32,986
Non-Cash Expense - Total - US\$	123,708	123,708	123,708	123,708	-88,909	115,265	115,265	115,265	115,265	115,265	114,635	124,147	1,271,881	815,109
Net Income/(Loss) - excluding grant support - US\$	-3,643	9,286	30,187	-7,190	152,515	81,569	61,919	-34,523	40,244	-526	48,350	20,831	49,806	217,864
Non-operating Income (Grant Support) - US\$	-27,657	0	14,194	-4,802	154,012	3,875	100	4,906	2,869	285,789	605	2,131,669	0	2,429,813
Net Income/(Loss) - including grant support - US\$	-31,300	9,286	44,381	-11,992	306,527	85,444	62,019	-29,617	43,113	285,263	48,955	2,152,500	49,806	2,647,677

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

Cash Flow Report - US\$	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
Receipts	752,602	536,996	616,328	478,101	733,594	696,175	485,013	353,595	276,019	675,755	502,030	395,254	6,993,347	3,383,841
Disbursements	520,832	525,879	716,012	418,765	435,517	765,524	436,275	610,983	562,243	298,591	549,942	236,546	6,590,718	3,460,104
Net receipts/Disbursements	231,770	11,117	-99,683	59,336	298,077	-69,349	48,738	-257,388	-286,224	377,164	-47,912	158,708	402,629	-76,263
Cash balance (beginning)	1,030,522	1,262,292	1,273,409	1,173,725	1,233,061	1,531,138	1,461,789	1,510,527	1,253,139	966,915	1,344,079	1,296,167	1,128,509	1,531,138
Cash balance (end)	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	1,531,138	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)	1,260,598	1,271,715	1,172,031	1,231,367	1,529,444	1,460,095	1,508,834	1,251,445	965,221	1,342,386	1,294,473	1,453,182	1,529,444	1,251,445
Stocks	1,085,816	1,203,022	1,230,406	1,283,714	1,195,812	1,238,083	1,248,598	1,318,648	1,364,002	1,405,956	1,449,112	1,459,015	1,195,812	1,318,648
Trade Receivable	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	698,514	645,973
Prepaid Lease	278,640	276,608	274,576	272,545	269,879	267,817	265,756	263,694	261,632	259,570	257,508	255,446	269,879	263,694
Collateral with Vital Inc.	649,881	649,881	649,881	649,881	649,881	649,881	649,881	356,424	356,424	356,424	356,424	356,424	649,881	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	985,819	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	921,301	1,184,206
Loans Payable	3,927,640	3,940,136	3,777,534	3,773,435	3,855,776	3,856,389	3,857,003	3,857,616	3,713,980	3,710,296	3,710,910	3,927,640	3,855,776	3,857,616
Total Accounts Receivable (to date) - US\$														
Government Power	366,946	402,465	425,435	484,014	256,352	306,623	258,904	309,013	303,403	352,052	339,327	359,497	256,352	309,013
Commercial Power	79,490	113,226	95,490	85,852	201,305	192,522	-74,706	85,190	152,423	109,501	120,136	115,193	201,305	85,190
Residential Power	140,179	143,299	150,849	153,848	113,464	118,368	138,429	139,125	141,644	140,080	142,508	143,427	113,464	139,125
Water	150,682	139,937	141,361	149,569	265,746	268,594	187,729	211,066	169,057	176,710	161,753	146,398	265,746	211,066
Sewer	199,443	217,467	232,854	249,370	137,211	154,133	165,810	177,143	174,399	187,140	197,823	209,565	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	661,176	740,830	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	698,514	645,973

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

Power Sales Report	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019 YTD	FY2020 YTD
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	89,941	86,253	78,496	76,883	81,013	73,834	68,515	68,227	65,172	69,827	73,824	69,370	963,911	488,770
Government - Pre Paid (Cash Power)	40,141	39,592	26,309	35,142	45,122	46,967	26,723	40,855	22,728	20,303	28,135	40,884	457,692	226,595
Government Streetlights	3,038	2,941	3,038	3,038	2,940	3,038	2,940	3,038	3,038	2,842	3,038	2,940	36,293	20,876
Solar	3,998	3,998	3,998	3,998	3,998	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	47,979	9,625
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	137,118	132,784	111,841	119,062	133,074	126,520	100,966	114,909	84,267	95,652	107,677	115,874	1,505,875	745,866
Commercial - Post Paid	258,844	240,595	267,872	240,669	230,215	243,113	228,596	234,092	214,159	195,224	191,431	162,408	2,953,579	1,469,024
Commercial - Pre Paid (Cashpower)	94,978	90,697	93,796	99,586	78,824	106,176	83,183	75,751	90,051	90,396	83,298	78,659	1,080,406	607,514
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	353,822	331,292	361,668	340,255	309,039	349,289	311,779	309,843	304,210	285,621	274,729	241,068	4,033,986	2,076,539
Residential - Post Paid	5,880	4,501	3,973	5,380	6,211	6,234	6,411	6,053	6,397	6,167	5,715	2,557	73,621	39,533
Residential - Pre Paid (Cashpower)	156,856	141,797	155,624	149,087	145,643	155,492	137,200	146,764	165,763	144,538	145,781	123,586	1,723,466	1,019,124
Residential Scratch Card Sales	16,637	15,382	16,674	15,302	17,543	18,249	14,506	14,526	5,649	9,376	11,460	12,139	188,513	85,906
Residential Total	179,373	161,680	176,271	169,769	169,397	179,975	158,117	167,343	177,809	160,082	162,956	138,282	1,985,600	1,144,563
Trade Power Sales Total	670,313	625,756	649,780	629,087	611,510	655,784	570,863	592,095	566,286	541,355	545,362	495,224	7,525,461	3,966,968
Intercompany - CPUC Office	1,520	1,434	1,443	1,730	1,428	1,625	1,608	1,209	1,144	1,189	1,339	1,328	16,965	9,440
Intercompany - CPUC Power Operation	3,252	3,324	3,633	3,163	3,090	3,449	3,168	2,681	3,195	3,609	2,517	2,429	38,006	21,048
Intercompany - CPUC Water Operations	5,641	5,412	5,477	5,885	6,105	5,482	5,642	5,353	5,902	5,413	5,551	4,567	69,124	37,910
Intercompany - CPUC Sewer Operations	5,329	6,293	6,490	8,495	9,346	5,887	5,998	8,418	7,556	5,183	5,515	6,684	84,938	45,242
Cash Power UnEarned	1,248	1,182	2,070	-1,101	-8,550	-13,369	14,077	0	0	0	0	0	-13,411	708
Provision on Rate Refund	-63,319	-58,977	-61,621	-60,285	-59,530	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	-702,328	
Total Power Sales - US\$	623,984	584,423	607,271	586,974	563,399	661,538	604,144	612,545	577,410	559,428	562,964	512,912	7,018,756	4,090,940
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	152,036	154,814	140,930	139,618	151,356	142,289	138,483	138,682	132,039	139,586	152,005	152,709	1,655,387	995,792
Government - Pre Paid (Cash Power)	71,680	70,486	47,515	63,919	82,025	89,223	53,456	82,055	45,456	40,573	61,564	89,461	820,299	461,790
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	72,639
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	234,094	235,676	198,822	213,914	243,758	241,889	202,316	231,114	187,872	190,536	223,946	252,547	2,600,210	1,530,221
Commercial - Post Paid	487,611	442,981	493,900	448,454	445,765	482,158	475,171	487,922	446,317	406,249	412,335	372,303	5,582,156	3,082,455
Commercial - Pre Paid (Cashpower)	175,885	167,430	175,747	187,969	148,697	209,668	173,334	158,508	187,606	188,012	190,612	179,998	2,009,351	1,287,740
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	663,496	610,411	669,647	636,423	594,462	691,827	648,505	646,430	633,923	594,261	602,947	552,302	7,591,507	4,370,195
Residential - Post Paid	11,492	8,802	7,774	10,643	12,675	13,553	14,268	13,210	14,203	13,712	13,174	6,655	144,944	88,775
Residential - Pre Paid (Cashpower)	307,620	277,165	309,023	298,353	291,286	326,389	304,957	327,671	368,362	320,911	358,184	303,650	3,395,343	2,310,125
Residential Scratch Card Sales	32,434	32,142	30,657	30,460	32,839	37,560	32,036	30,608	20,329	21,563	26,212	29,539	369,106	197,847
Residential Total	351,546	318,109	347,454	339,456	336,800	377,501	351,261	371,489	402,894	356,186	397,570	339,844	3,909,393	2,596,746
Trade Power Sales Total	1,249,136	1,164,196	1,215,922	1,189,793	1,175,020	1,311,217	1,202,083	1,249,034	1,224,689	1,140,984	1,224,463	1,144,692	14,101,110	8,497,162
Intercompany - CPUC Office	6,031	5,689	5,727	6,864	5,665	6,447	6,380	4,798	4,538	4,717	5,313	5,268	67,321	37,461
Intercompany - CPUC Power Operation	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	150,819	83,523
Intercompany - CPUC Water Operations	22,385	21,476	21,733	23,354	24,226	21,754	22,389	21,243	23,419	21,479	22,029	18,123	274,303	150,436
Intercompany - CPUC Sewer Operations	21,147	24,973	25,754	33,711	37,087	23,362	23,802	33,406	29,986	20,567	21,883	26,524	337,056	179,530
Cash Power Unearned (accrual)	3,183	2,497	0	-2,787	-16,195	-31,992	21,334	0	0	0	0	0	-28,820	-10,658
Total Power Sales - kWh	1,314,788	1,232,020	1,283,551	1,263,488	1,238,066	1,344,474	1,288,559	1,319,121	1,295,309	1,202,067	1,283,677	1,204,247	14,901,789	8,937,454

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

Water/Sewer Sales Report	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	8,252	11,075	10,159	12,735	10,722	10,965	11,212	9,216	13,583	10,232	8,255	7,460	97,425	70,923
Commercial	11,067	13,812	12,413	10,018	10,925	23,856	10,731	9,631	10,403	9,769	11,740	12,076	126,928	88,207
Residential	8,799	11,163	11,034	11,055	11,104	11,422	10,965	11,424	11,075	11,742	8,953	10,469	112,866	76,050
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	28,118	36,051	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	337,219	235,180
Sewer Sales - US\$														
Government	3,888	5,212	4,737	6,085	5,082	5,140	5,311	4,232	6,550	4,722	3,923	3,430	46,111	33,307
Commercial	8,109	9,972	9,335	8,176	7,065	14,818	8,324	5,081	8,000	7,641	8,632	8,800	96,201	61,295
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	2,638	2,840	1,316	2,255	1,663	2,765	3,018	2,243	2,824	2,233	2,629	2,931	29,690	18,642
Residential with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sewer Sales	14,636	18,024	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	172,002	113,244
Total Water & Sewer Sales	42,754	54,075	48,994	50,324	46,562	68,965	49,562	41,827	52,434	46,338	44,132	45,166	509,221	348,423
Water Sales - Gallons														
Government	1,676,591	2,820,480	2,062,463	2,573,732	2,168,805	2,217,890	2,266,142	1,864,998	2,742,328	2,070,505	1,672,336	1,502,413	20,597,070	14,336,612
Commercial	2,290,800	2,240,915	2,541,618	2,071,859	1,991,420	4,837,672	2,212,519	1,983,716	2,145,166	2,035,925	2,422,148	2,496,466	25,588,330	18,133,612
Residential	3,337,700	4,136,772	4,067,450	4,190,115	4,126,504	4,451,291	4,159,672	4,335,469	4,003,328	4,230,995	3,363,084	3,823,913	43,836,459	28,367,752
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,305,091	9,198,167	8,671,531	8,835,706	8,286,729	11,506,853	8,638,333	8,184,183	8,890,822	8,337,425	7,457,568	7,822,792	90,021,859	60,837,976

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
1a. Non Revenue Power	14.0%	12.9%	12.0%	12.0%	13.6%	11.5%	10.3%	10.6%	10.6%	10.6%	10.7%	10.8%	13.7%	10.7%
Total Power Generated - kWh	1,529,633	1,414,079	1,458,882	1,435,835	1,432,266	1,518,766	1,435,814	1,475,863	1,448,892	1,344,583	1,437,205	1,349,696	17,267,831	10,010,819
Total Power Billed - kWh	1,314,788	1,232,020	1,283,551	1,263,488	1,238,066	1,344,474	1,288,559	1,319,121	1,295,309	1,202,067	1,283,677	1,204,247	14,901,789	8,937,454
Generation Loss (actual from Jun 17)	25,480	24,504	25,321	24,268	17,928	20,133	18,951	15,436	17,215	19,037	15,302	14,908	284,350	120,982
Distribution Loss Derived - kWh	151,124	122,203	113,538	112,183	140,466	116,190	92,409	104,410	100,146	89,865	102,296	96,798	1,649,996	702,112
Commercial Loss (assumed 2.5%) - kWh	38,241	35,352	36,472	35,896	35,807	37,969	35,895	36,897	36,222	33,615	35,930	33,742	431,696	250,270
Total Loss - kWh	214,846	182,058	175,330	172,348	194,200	174,292	147,255	156,742	153,583	142,516	153,528	145,449	2,366,042	1,073,365
Distribution loss %	9.9%	8.6%	7.8%	7.8%	9.8%	7.7%	6.4%	7.1%	6.9%	6.7%	7.1%	7.2%	9.6%	7.0%
1b. Non Revenue Water	55.0%	48.7%	52.9%	56.4%	62.9%	43.4%	56.3%	59.1%	61.1%	51.8%	55.4%	53.2%	63.4%	54.5%
Water Produced (million gallons)	16.25	17.93	18.41	20.28	22.32	20.34	19.78	19.99	22.87	17.31	16.71	16.71	246	134
Water Billed (million gallons)	7.31	9.20	8.67	8.84	8.29	11.51	8.64	8.18	8.89	8.34	7.46	7.82	90	61
2. Current ratio	3.71	4.26	4.56	4.12	4.42	2.19	2.60	3.02	3.46	3.69	3.45	3.46	4.42	2.60
	3.46	3.98	4.29	3.85	4.18	2.07	2.48	2.81	3.19	3.42	3.21	3.23	4.18	2.48
	11.28	12.16	10.33	11.54	11.52	5.62	6.82	10.16	12.87	13.27	11.32	11.01	11.52	6.82
	7.89	8.56	7.98	7.67	4.68	2.26	3.20	4.46	7.21	8.32	7.46	7.43	4.68	3.20
3. ROA(excludes other operating income/grant support)	0.25%	0.28%	0.38%	0.22%	0.88%	0.33%	0.26%	-0.14%	0.17%	0.00%	0.20%	0.08%	3.1%	0.9%
Power Business	0.61%	0.56%	0.74%	0.55%	0.36%	0.44%	0.40%	0.01%	0.31%	0.11%	0.36%	0.20%	6.2%	1.9%
Water Business	-0.88%	-0.24%	-0.36%	-0.50%	5.25%	1.07%	0.62%	-0.07%	0.25%	0.18%	0.24%	0.28%	-3.1%	2.6%
Sewer Business	-1.05%	-0.84%	-1.05%	-1.08%	1.69%	-0.45%	-0.54%	-0.90%	-0.56%	-0.61%	-0.54%	-0.61%	-9.2%	-4.3%
4. Operating ratio	0.83	0.80	0.78	0.82	0.90	0.78	0.78	0.91	0.77	0.83	0.75	0.77	0.83	0.77
Power Business	0.79	0.77	0.74	0.78	0.83	0.77	0.75	0.86	0.74	0.80	0.71	0.72	0.79	0.75
Water Business	0.97	0.75	0.82	0.83	1.23	0.64	0.81	1.06	0.82	0.89	0.95	1.00	0.98	0.72
Sewer Business	2.38	1.66	2.32	2.29	2.79	1.26	1.56	3.06	1.58	1.82	1.72	2.02	2.28	1.74
5. Days in Accounts Receivable	29.75	34.81	35.22	39.88	34.36	34.67	18.46	30.73	32.40	34.32	34.05	37.73	33.87	18.66
Power Business	20.57	25.48	25.26	28.84	22.53	22.89	9.54	19.01	22.42	23.17	22.99	26.06	21.30	18.20
Water Business	113.47	84.88	92.95	100.14	174.56	132.36	101.39	151.52	105.70	119.34	119.59	104.96	206.27	88.42
Sewer Business	288.55	263.83	334.37	341.78	213.74	154.58	176.96	333.10	220.06	274.86	278.86	297.39	208.80	189.42

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019 YTD	FY2019 YTD
Generation Statistics														
Diesel Generation - kWh	1,501,140	1,388,955	1,433,851	1,413,110	1,356,393	1,437,738	1,380,811	1,416,194	1,377,105	1,267,637	1,346,223	1,274,404	16,910,468	9,500,112
Peak Generation - kW	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	2,943	2,968
Fuel Consumption - Gallons	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	1,145,000	651,207
Average Fuel Price (\$/Gallon)	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	38.88	21.11
Load Factor (%)	70%	65%	69%	69%	66%	68%	66%	68%	71%	66%	69%	67%	67%	66%
Capacity Factor (%)	51%	52%	50%	49%	52%	53%	51%	51%	48%	48%	49%	48%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	1300%	1400%	1500%	1600%	1700%	100%	100%
Reserve Plant Margin (%)	171%	170%	180%	182%	170%	163%	172%	172%	189%	188%	182%	191%	168%	165%
Solar PV Generation - kWh	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	357,363	510,707
Solar Generation %	1.9%	1.8%	1.7%	1.6%	5.3%	5.3%	3.8%	4.0%	5.0%	5.7%	6.3%	5.6%	2.1%	5.1%
Peak PV Generation - kW	223	196	196	178	593	633	430	466	561	601	711	588	1,713	4,196
Avoided Fuel - Gallons	1,929	1,700	1,686	1,535	5,157	5,653	3,770	4,060	4,896	5,246	6,214	5,175	24,197	35,008
Avoided Cost of Fuel - US\$	6,306	5,564	5,278	4,832	16,068	17,762	11,819	12,729	15,463	16,420	18,208	12,829	78,510	105,779
Tons of CO2 avoided	19.5	17.2	17.0	15.5	52.1	57.1	38.1	41.0	49.5	53.0	62.8	52.3	244.4	353.6
Labour Productivity (kWh/Emp/d)	1,675	1,550	1,600	1,577	1,514	1,605	1,541	1,581	1,537	1,415	1,502	1,422	1,448	1,394
SFOC (kWh/gal)	14.77	14.78	14.84	14.80	14.71	14.33	14.59	14.70	14.66	14.67	14.64	14.55	14.77	14.59
DG1 - GE 1.8	15.24	15.02	14.99	14.89	14.82	15.07	15.40	15.37	14.96	15.18	15.34	15.24	15.04	15.22
DG2 - GE 1.8	15.30	15.43	14.97	15.03	15.08	15.14	15.32	15.04	15.20	15.42	15.33	15.24	15.15	15.25
DG3 - CAT 1.6	8.42	4.81	4.81	5.99	6.55	12.79	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	0.00	1.00	2.00	2.00	2.00	2.00	2.00	12.45	14.58
DG5 - CAT 1.3	14.33	11.64	11.02	10.54	12.75	13.35	11.74	11.15	10.18	11.42	11.11	10.40	13.28	11.77
SLOC (kWh/gal)	5,342	4,891	1,565	3,758	3,237	3,754	1,531	1,570	2,214	2,078	3,067	3,662	2,917	2,259
DG1 - GE 1.8	3,257	3,538	1,322	3,211	2,263	5,027	1,464	1,220	1,059	3,180	2,942	2,462	2,409	1,952
DG2 - GE 1.8	0	0	0	0	0	0	0	0	0	0	0	0	3,157	2,325
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 (%)	0.04%	0.00%	0.01%	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%	0.00%	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 (%)	27.1%	27.2%	26.2%	26.0%	27.2%	27.9%	27.0%	27.0%	25.4%	25.5%	26.0%	25.2%	27.4%	27.7%
Distribution Losses (%)	9.9%	8.6%	7.8%	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)	0.06	0.00	0.10	0.20	0.13	0.05	0.05	0.27	0.20	0.00	0.02	0.00	0.70	0.58
SAIFI	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.024	0.012
Average Cost (\$/kWh)	0.22	0.22	0.21	0.21	0.20	0.21	0.21	0.20	0.20	0.20	0.19	0.16	0.215	0.197

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	462,521	470,551	631,714	606,787	497,801	794,341	670,376	558,984	472,454	457,961	567,736	494,829	6,417,815	4,016,681
DG2 - GE 1.8	807,131	786,294	768,085	769,655	755,515	85,201	435,578	657,724	738,693	642,824	610,327	649,552	8,642,917	3,819,899
DG3 - CAT 1.6	48,041	3,059	337	419	5,687	93,821	0	0	0	563	0	0	384,549	94,384
DG4 - CAT 1.3	0	0	0	0	0	28,249	44,969	76,343	85,964	0	0	0	249	235,525
DG5 - CAT 1.3	183,447	129,051	33,715	36,249	97,390	436,126	229,888	123,143	79,994	166,289	168,160	130,023	1,464,938	1,333,623
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,501,140	1,388,955	1,433,851	1,413,110	1,356,393	1,437,738	1,380,811	1,416,194	1,377,105	1,267,637	1,346,223	1,274,404	16,910,468	9,500,112
PP Solar F1	0	0	0	0	11,753	17,823	11,907	13,034	15,588	16,731	19,438	16,372	11,753	110,893
High School Solar F1	21,950	19,498	19,852	17,874	18,982	21,251	14,280	15,600	19,080	20,520	24,600	22,080	234,261	137,411
PP Solar F3	0	0	0	0	8,289	11,188	7,165	7,872	9,406	10,016	12,292	10,537	8,289	68,476
Airport Roof F4	6,543	5,626	5,179	4,851	5,835	4,094	4,900	4,900	5,700	6,100	6,900	5,900	72,046	38,494
Airport Carpark F4	0	0	0	0	15,455	19,173	11,969	13,014	15,637	16,742	19,438	13,230	15,455	109,203
WWTP F4	0	0	0	0	15,559	7,499	4,782	5,249	6,376	6,837	8,314	7,173	15,559	46,230
Solar PV Generation Total (kWh)	28,493	25,124	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	357,363	510,707
Total Generation (kWh)	1,529,633	1,414,079	1,458,882	1,435,835	1,432,266	1,518,766	1,435,814	1,475,863	1,448,892	1,344,583	1,437,205	1,349,696	17,267,831	10,010,819
Maximum Demand (kW)	2,882	2,893	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	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)	12,906	13,189	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	150,819	83,523
Running Hours														
DG1 - GE 1.8	415	459	620	614	495	715	657	657	478	468	581	527	6,078	4,083
DG2 - GE 1.8	701	710	706	723	690	80	447	447	709	653	622	672	7,668	3,630
DG3 - CAT 1.6	44	3	3	2	7	156	0	0	0	0	2	2	696	160
DG4 - CAT 1.3	0	0	0	0	0	72	96	96	200	0	0	0	0	464
DG5 - CAT 1.3	302	219	63	73	163	660	380	380	130	288	291	230	2,317	2,359
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,462	1,391	1,392	1,412	1,355	1,683	1,580	1,580	1,517	1,409	1,496	1,431	16,759	10,696

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	FY2019	FY2020 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	30,358	31,330	42,152	40,751	33,581	52,715	43,522	36,370	31,590	30,172	37,001	32,479	426,748	263,850
DG2 - GE 1.8	52,747	50,955	51,311	51,193	50,096	5,628	28,434	43,735	48,604	41,693	39,816	42,611	570,529	250,520
DG3 - CAT 1.6	5,705	636	70	70	868	7,336	0	0	0	0	0	0	37,364	7,336
DG4 - CAT 1.3	0	0	0	0	0	1,958	3,102	5,216	5,879	0	0	0	20	16,155
DG5 - CAT 1.3	12,800	11,086	3,059	3,438	7,641	32,669	19,582	11,042	7,857	14,559	15,134	12,504	110,339	113,346
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	101,610	94,006	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	1,145,000	651,207
Average Fuel Price (\$/Gallon)	3.27	3.27	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	3.24	3.02
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	0	0	265	0	0	0	193	193	181	144	193	201	795	1,105
DG2 - GE 1.8	0	0	265	0	0	0	74	74	176	106	151	147	1,060	728
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	0	95	10	10	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	0	530	0	0	95	277	277	357	250	344	348	2,235	1,948
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	142	133	213	189	220	158	265	265	265	0	0	0	1,869	953
DG2 - GE 1.8	130	151	173	187	199	120	265	265	0	265	0	0	1,678	915
DG3 - CAT 1.6	9	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	0	10	95	95	0	95	95	0	0	390
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	281	284	386	376	419	288	625	625	265	360	95	0	3,562	2,258

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20		2019 YTD	2020 YTD
Feeder 1 Load	392,382	372,240	369,423	384,699	386,137	407,452	378,027	395,422	388,160	370,702	414,164	399,718	4,474,271	2,753,645
Feeder 2 Load	131,055	115,761	121,066	122,901	119,729	138,717	130,673	134,935	138,695	125,578	123,480	115,696	1,458,635	907,774
Feeder 3 Load	451,818	425,513	444,707	428,584	418,712	448,906	428,625	434,663	425,034	394,056	428,257	401,002	5,043,967	2,960,543
Feeder 4 Load	355,720	329,687	323,485	322,614	336,348	342,362	322,669	334,580	319,152	296,115	316,002	291,404	3,962,444	2,222,284
Feeder 5 Load	173,178	146,374	174,880	152,769	153,412	161,196	156,869	160,827	160,636	139,095	140,000	126,968	2,044,163	1,045,591
Total Feeder Load (kWh)	1,504,153	1,389,575	1,433,561	1,411,567	1,414,338	1,498,633	1,416,863	1,460,427	1,431,677	1,325,546	1,421,903	1,334,788	16,983,480	9,889,837
Feeder 1 Sales	339,789	324,497	316,825	332,997	336,964	361,522	343,672	341,446	333,841	323,618	359,700	373,590	3,893,759	2,437,389
Feeder 2 Sales	103,369	100,886	95,926	106,867	104,991	106,453	114,640	123,125	98,278	104,649	101,103	98,365	1,214,353	746,613
Feeder 3 Sales	383,050	351,041	378,385	352,601	343,851	388,632	359,997	376,821	409,670	365,333	359,708	339,015	4,314,626	2,599,176
Feeder 4 Sales	333,010	312,561	309,279	317,987	298,274	314,634	312,604	327,287	317,928	275,522	287,732	283,572	3,693,340	2,119,279
Feeder 5 Sales	138,207	132,854	165,865	136,441	136,997	146,228	143,605	144,995	123,218	115,784	123,400	100,109	1,623,610	897,337
Total Feeder Sales (kWh)	1,297,424	1,221,840	1,266,279	1,246,893	1,221,077	1,317,468	1,274,517	1,313,674	1,282,935	1,184,905	1,231,642	1,194,652	14,739,689	8,799,793
Feeder 1 Loss - kWh	52,593	47,743	52,598	51,702	49,173	45,930	34,355	53,976	54,319	47,084	54,464	26,128	580,512	316,256
Feeder 2 Loss - kWh	27,686	14,875	25,140	16,034	14,738	32,264	16,033	11,810	40,417	20,929	22,377	17,331	244,282	161,161
Feeder 3 Loss - kWh	68,768	74,472	66,322	75,983	74,861	60,274	68,628	57,842	15,364	28,723	68,549	61,987	729,341	361,367
Feeder 4 Loss - kWh	22,710	17,126	14,206	4,627	38,074	27,728	10,065	7,293	1,224	20,593	28,270	7,832	269,104	103,005
Feeder 5 Loss - kWh	34,971	13,520	9,015	16,328	16,415	14,968	13,264	15,832	37,418	23,311	16,600	26,859	420,553	148,254
Total Feeder Loss - kWh	206,729	167,735	167,282	164,674	193,261	181,165	142,346	146,753	148,742	140,641	190,261	140,136	2,243,791	1,090,044
Feeder 1 Loss - %	13.4%	12.8%	14.2%	13.4%	12.7%	11.3%	9.1%	13.7%	14.0%	12.7%	13.2%	6.5%	13.0%	11.5%
Feeder 2 Loss - %	21.1%	12.8%	20.8%	13.0%	12.3%	23.3%	12.3%	8.8%	29.1%	16.7%	18.1%	15.0%	16.7%	17.8%
Feeder 3 Loss - %	15.2%	17.5%	14.9%	17.7%	17.9%	13.4%	16.0%	13.3%	3.6%	7.3%	16.0%	15.5%	14.5%	12.2%
Feeder 4 Loss - %	6.4%	5.2%	4.4%	1.4%	11.3%	8.1%	3.1%	2.2%	0.4%	7.0%	8.9%	2.7%	6.8%	4.6%
Feeder 5 Loss - %	20.2%	9.2%	5.2%	10.7%	10.7%	9.3%	8.5%	9.8%	23.3%	16.8%	11.9%	21.2%	20.6%	14.2%
Total Feeder Loss - %	13.7%	12.1%	11.7%	11.7%	13.7%	12.1%	10.0%	10.0%	10.4%	10.6%	13.4%	10.5%	13.2%	11.0%

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

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	279	1,452	9,617
F02	194	1,577	1,999
F03	246	2,173	705
F04	204	3,037	2,894
F05	165	1,341	1,792
Total	218	1,916	3,401

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

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

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

	May 19	Jun 19	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	2019 YTD	2020 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.3	0.0	0.1	0.0	0.0	0.1	0.2	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)	0.3	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.3
Forced - Distribution	1.6	0.0	2.7	0.0	3.2	1.3	1.3	7.4	0.0	0.0	0.0	0.0	13.0	9.9
Feeder 1	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.5
Feeder 2	0.3	0.0	2.4	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	3.8	0.8
Feeder 3	0.3	0.0	0.1	0.0	3.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3.6	0.3
Feeder 4	0.3	0.0	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.4
Feeder 5	0.3	0.0	0.1	0.0	0.0	0.3	0.3	7.4	0.0	0.0	0.0	0.0	4.5	7.9
Planned - Distribution	0.0	0.0	0.0	5.3	0.4	0.0	0.0	0.0	5.4	0.0	0.5	0.0	6.0	5.9
Feeder 1	0.0	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.8	0.5
Feeder 2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.1	5.4
Feeder 3	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
Feeder 4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Feeder 5	0.0	0.0	0.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
Total Duration Dist Outage (Hrs)	1.6	0.0	2.7	5.3	3.6	1.3	1.3	7.4	5.4	0.0	0.5	0.0	19.0	15.9

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

COMPANY WIDE DATA	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	FY2020 YTD
Water Production (Millions)													
WTP Production	8,500	365,400	422,700	800	72,800	880,000	716,800	371,600	936,700	4,500	2,000	2,000	2,913,600
Pink Apartment Volume start of Month	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	4,074,000
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	4,074,000
Pink Apartment Vol in to Supply/(Storage)	0	0	0	0	0	0	0	0	0	0	0	0	0
Tankered volume for billing													0
Well Production (into supply)	16,238,900	17,152,000	17,991,200	20,278,600	22,245,800	19,457,500	19,066,800	19,625,200	21,935,500	17,307,900	16,703,600	15,958,300	130,054,800
Volume into network	16,247,400	17,517,400	18,413,900	20,279,400	22,318,600	20,337,500	19,783,600	19,996,800	22,872,200	17,312,400	16,705,600	15,960,300	132,968,400
Water Volume Billed (Millions)													
Commercial	2,081,700	2,796,980	2,648,668	2,196,369	2,393,810	5,025,392	2,103,059	1,872,786	2,002,443	1,795,055	2,330,928	2,491,998	17,621,661
Government (excludes hospital)	620,021	756,715	950,953	1,275,962	1,183,295	999,880	1,031,232	1,140,248	1,656,908	1,341,785	638,966	614,003	7,423,022
Government Hospital	917,200	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	1,020,600	870,300	6,783,000
Residential	3,565,580	4,328,972	3,969,710	4,075,175	3,992,124	4,281,681	4,275,042	4,467,149	4,175,171	4,492,685	3,436,374	3,843,990	28,972,092
Water Delivery and Bunkering	0	0	0	0	0	0	0	0	191,500	257,500	368,000	228,000	1,045,000
Water Adjustment													0
Total	7,184,501	9,198,167	8,671,531	8,835,706	8,546,529	11,506,853	8,638,333	8,184,183	9,082,322	8,589,925	7,794,868	8,048,291	61,844,775
NRW													
Volume	9,062,899	8,319,233	9,742,369	11,443,694	13,772,071	8,830,647	11,145,267	11,812,617	13,789,878	8,722,475	8,910,732	7,912,009	71,123,625
Percentage	55.8%	47.5%	52.9%	56.4%	61.7%	43.4%	56.3%	59.1%	60.3%	50.4%	53.3%	49.6%	53.5%
Invoiced Water Value (\$)													
Water Delivery and Bunkering									\$2,897.05	\$3,462.90	\$5,382.30	\$3,847.20	15,589
Commercial	\$11,088	\$13,812	\$12,413	\$10,018	\$10,925	\$23,856	\$10,731	\$9,631	\$10,403	\$9,835	\$11,740	\$12,083	88,280
Government (includes hospital)	\$8,252	\$11,075	\$10,159	\$12,736	\$10,722	\$10,965	\$11,212	\$9,216	\$13,583	\$10,232	\$8,255	\$7,381	70,844
Residential	\$8,799	\$11,163	\$11,034	\$11,351	\$11,104	\$12,027	\$11,279	\$11,772	\$10,820	\$11,733	\$8,995	\$10,462	77,089
Total	\$28,139	\$36,051	\$33,606	\$34,105	\$32,751	\$46,848	\$33,222	\$30,619	\$37,704	\$35,263	\$34,372	\$33,774	\$251,802
Sewer Charge (\$USD)													
Commercial	\$4,900	\$6,551	\$5,885	\$4,726	\$4,540	\$11,435	\$4,972	\$4,248	\$4,646	\$4,288	\$5,279	\$5,447	40,315
Commercial - w/o water	\$2,447	\$2,447	\$2,447	\$2,447	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	16,656
Government	\$3,888	\$5,212	\$4,737	\$6,085	\$5,082	\$5,140	\$5,311	\$4,232	\$6,550	\$4,722	\$3,923	\$3,430	33,307
Residential	\$698	\$929	\$891	\$928	\$858	\$905	\$905	\$1,027	\$924	\$808	\$719	\$1,007	6,296
Residential w/o water	\$1,940	\$1,940	\$1,920	\$1,920	\$1,910	\$1,910	\$1,960	\$1,971	\$1,920	\$1,936	\$1,930	\$2,041	13,669
Total	\$13,873	\$17,080	\$15,879	\$16,105	\$14,769	\$21,769	\$15,528	\$13,858	\$16,420	\$14,134	\$14,229	\$14,304	\$110,242

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

COMPANY WIDE DATA	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	FY2020 YTD
Water Connection Data (No. of Connections)	468	479	485	478	478	480	478	479	483	468	463	457	457
Commercial - Billed	78	83	81	81	81	81	81	80	80	81	80	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	26,688	33,699	32,700	27,116	29,553	62,042	25,964	23,410	25,031	22,161	29,137	31,544	223,059
Government - Billed	19	19	21	18	19	19	18	20	18	16	16	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	32,633	39,827	45,283	70,887	62,279	52,625	57,291	57,012	92,050	83,862	39,935	34,111	412,390
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	917,200	1,315,500	1,102,200	1,288,200	977,300	1,199,900	1,229,000	704,000	1,056,300	702,900	1,020,600	870,300	6,783,000
Residential - Billed	370	376	382	378	377	379	378	378	384	370	366	359	359
Residential - Disconnected	3	3	3	3	3	3	3	2	2	1	2	1	1
Residential - Meter Pulled	2	3	0	1	1	1	1	1	1	1	1	1	1
Residential Avge Consumption - Gall/conn/mth	9,637	11,513	10,392	10,781	10,589	11,297	11,310	11,818	10,873	12,142	9,389	10,707	80,702
Sewer Connection Data (No. of Connections)	491	489	490	487	484	487	491	490	487	484	486	497	497
Commercial Billed	47	46	46	48	47	47	46	44	45	48	49	51	51
Commercial Billed w/o water	43	43	43	43	43	43	43	43	43	43	43	43	43
Government Billed	19	18	20	17	18	18	17	19	17	15	15	17	17
Residential Billed	189	189	190	188	186	189	190	190	191	186	187	190	190
Residential Billed w/o water	193	193	191	191	190	190	195	194	191	192	192	196	196
STP Inflow (MG/month)	12.5	13.0	13.0	16.0	17.0	13.5	14.0	16.0	17.0	13.0	14.0	12.0	100
SEWER OVERFLOW W/O's													
North Zone	1	1	1	1	1	1	1	1	0	1	0	0	4
South Zone	1	1	2	2	1	0	1	1	1	1	0	0	4

Water Table 3 Zonal Water Use Statistics – FY2020

ZONAL NRW - April 2020					ZONAL NRW - FY2020 YTD				
Zone	Production Gallons	Sales Gallons	NRW		Zone	Production Gallons	Sales Gallons	NRW	
			Gallons	%				Gallons	%
1	48,000	41,675	6,325	13%	1	336,000	204,583	131,417	39%
2	12,794,000	5,854,782	6,939,218	54%	2	104,879,700	42,579,865	62,299,835	59%
3	10,000	0	10,000	0%	3	70,000	124,200	-54,200	-77%
4	625,200	179,516	445,684	71%	4	5,609,300	1,520,828	4,088,472	73%
5	0	0	0	0%	5	0	13,500	-13,500	-
6	2,024,900	1,549,010	475,890	24%	6	15,248,700	11,603,660	3,645,040	24%
7	100,000	28,250	71,750	72%	7	700,000	450,400	249,600	36%
8	356,200	167,063	189,137	53%	8	6,122,200	4,302,782	1,819,418	30%
Water Delivery/Bunker		228,000			Water Delivery/Bunker		1,045,000		
Total	15,958,300	8,048,296	7,910,004	49.6%	Total	132,965,900	61,844,818	71,121,082	53.5%
ZONAL WATER CONSUMPTION - April 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	-	8,334	1	0	0	-	40,908
2	32,357	38,927	-	10,668	2	235,393	286,675	-	77,402
3	0	0	-	0	3	4,214	0	-	0
4	0	0	-	12,823	4	0	0	-	108,631
5	0	0	-	0	5	0	0	-	0
6	22,821	0	870,300	457	6	95,094	0	6,783,000	106,538
7	0	0	-	4,708	7	0	0	-	75,067
8	0	21,591	-	5,145	8	0	739,248	-	54,441
Total	55,179	60,518	870,300	42,135	Total	313,646	424,864	10,404,000	118,120

Work Order Summary – End April 2020

Work Order Performance April 2019						
Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	13	9	15	0	5	17
INTERNAL POWER	4	0	4	0	0	4
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	1	0	0	0	0	1
POWER	18	9	17	0	7	20
REVENUE	43	16	41	0	11	48
SEWER	33	18	41	0	9	42
WATER	224	145	195	0	123	246
TOTAL ALL WORK ORDERS	336	197	313		155	378
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At End		
INTERNAL MAINTENANCE	3.9%	4.6%	-	4.5%		
INTERNAL POWER	1.2%	0.0%	-	1.1%		
INTERNAL SEWER	0.0%	0.0%	-	0.0%		
INTERNAL WATER	0.3%	0.0%	-	0.3%		
POWER	5.4%	4.6%	25.9%	5.3%		
REVENUE	12.8%	8.1%	18.6%	12.7%		
SEWER	9.8%	9.1%	17.6%	11.1%		
WATER	66.7%	73.6%	33.3%	65.1%		
TOTAL ALL WORK ORDERS			29.1%			

Administration Table 1 H&S Statistics – April 2020



HEALTH & SAFETY REPORT: FY2020 - April 2020

1. ACCIDENT REPORT

DEPARTMENT		April 2020						YEAR TO DATE - FY2020					
	Number of Staff	Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	23	3,288	0	0	0	0	0	24,143	0	0	0	0	0
Maintenance	5	992	0	0	0	0	0	6,320	0	0	0	0	0
Power Distribution - Line	21	3,131	0	0	0	0	0	22,401	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Water & Sewer	26	3,669	0	0	0	0	0	29,149	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	2,985	0	0	0	0	0	20,194	0	0	0	0	0
TOTAL	95	14,066	0	0	0	0	0	102,208	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

955,831

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		April 2020		
	Number of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	23	96	0	96
Maintenance	5	0	0	0
Power Distribution - Line	21	179	0	179
Power Distribution - Contractors	0	0	0	0
Water & Sewer	26	261	0	261
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	20	258	0	258
TOTAL	95	793	0	793

Year To Date FY2020		
Total Hours Sick	Accident Related	Poor Health
789	0	789
47	0	47
1,481	0	1,481
0	0	0
1,388	0	1,388
0	0	0
978	0	978
4,683	0	4,683

Sick Hours as Percentage of Total Hours Worked		5.6%	0.0%	5.6%
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4.6%	0.0%	4.6%
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DEPARTMENT		April 2020		
Sick Hours as Percentage of Total Hours Worked	Number of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	23	2.9%	0.0%	2.9%
Maintenance	5	0.0%	0.0%	0.0%
Power Distribution - Line	21	5.7%	0.0%	5.7%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	26	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	20	8.6%	0.0%	8.6%
TOTAL	95	5.6%	0.0%	5.6%

Administration Table 2 Attendance Summary – April 2020 & FY 2020

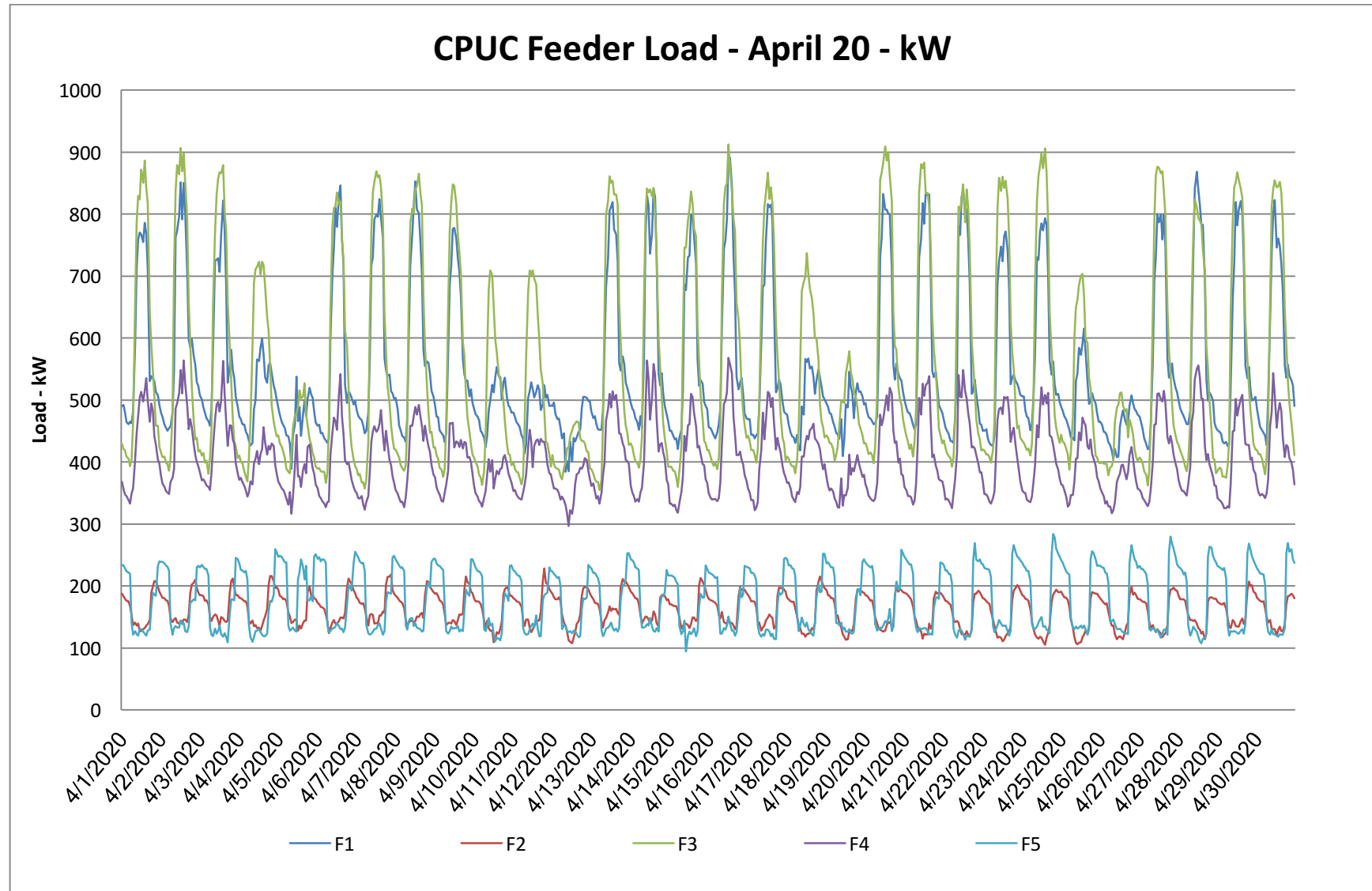
DEPARTMENT	April 2020								YEAR TO DATE - FY2020							
DEPARTMENT	Num ber of Staff	Hours Worked		Nation al Holid ay	Sick Leave	Annua l Leave	Total Hours Claime d	AWO L	Hours Worked		Nation al Holid ay	Sick Leav e	Annua l Leav e	Total Hours Claimed	AW OL	Sick Leav e As % of Hour s
		Regular	Overti me						Regular	Overti me						
Power Generation	23	3,184	104	99	96	180	3,663	0	22,783	1,360	714	789	1,604	27,250	346	2.9%
Maintenance	5	966	26	38	0	25	1,055	0	5,648	673	250	47	395	7,013	13	0.7%
Power Distribution - Line	21	2,989	143	132	179	256	3,699	0	21,312	1,089	1,221	1,481	2,266	27,369	150	5.4%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Water & Sewer	26	3,332	337	138	261	134	4,202	28	26,247	2,902	1,241	1,388	1,286	33,065	455	4.2%
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	2,845	140	126	258	268	3,636	0	19,102	1,092	940	978	1,985	24,097	50	4.1%
TOTAL EMPLOYEES	95	13,316	750	532	793	864	16,255	28	95,093	7,116	4,366	4,683	7,536	118,793	###	3.9%

REGULAR STAFF	95	13,316	750	532	793	864	16,255	28	95,093	7,116	4,366	4,683	7,536	118,793	###	
Hours as % of Total Hours Claimed		81.9%	4.6%	3.3%	4.9%	5.3%		0.2%	80.0%	6.0%	3.7%	3.9%	6.3%		0.9%	

CAPEX Table 1 Capex Summary Sheet – April 2020

Chuuk Public Utility Corporation Capex Summary Sheet as of April 30, 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	208,549	-4,149	0	156,120	48,280	-52,429
Total	1,016,298	846,562	850,711	-4,149	374,136	837,418	383,280	-13,293

Graph Showing Feeder Loads in kW – April 2020



Graph Showing Generation Output in kW – April 2020

