

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2020 – June 2020



Issued: 18 July 2020

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Jun-20	YTD FY2020	US\$/kWh Sold		US\$/kWh generated	
	US\$	US\$	Jun-20	FY2020	Jun-20	FY2020
Revenue	498,684	5,562,965	0.425	0.490	0.371	0.437
Variable Costs	193,704	2,570,548	0.165	0.226	0.144	0.202
Fixed Costs	201,486	1,731,846	0.172	0.153	0.150	0.136
Total Expenses	395,190	4,302,394	0.337	0.379	0.294	0.338
Operating result	103,494	1,260,570	0.088	0.111	0.077	0.099
		kWh				
Power generation	1,342,740	12,738,680				
Diesel	1,270,593	12,088,996				
Solar	72,147	649,684				
Solar PV as % of Total Generation	5.4%	5.1%				
Avoided Cost of Fuel - US\$	10,211	125,665				
Tons of CO ₂ Avoided	49.8	449.7				
Government Sales	225,136	1,977,550	Feeder	Conns	June 20	FY2020
Commercial Sales	517,217	5,449,408	F1	505	363,309	3,159,982
Residential Sales	365,828	3,346,115	F2	490	88,373	930,794
Intercompany Sales	66,002	587,960	F3	400	341,688	3,290,447
Sales Accrual	0	-10,658	F4	393	271,736	2,679,925
Total Sales	1,174,183	11,350,375	F5	502	99,430	1,122,500
Power Loss	12.6%	10.9%	Total	2,289	1,164,536	11,183,648
Operating ratio	0.80	0.77	NB - Error on Total and Feeder sales YTD is <1.5%; 14,287 kWh station use is not included			
Water Produced - Gallons	16,540,900	166,784,300				
Water Sold - Gallons	8,327,935	76,781,195				
Non Revenue Water	49.7%	54.0%				

Daily generated output in June was 44,758 kWh/day an increase 0.2% on May. Average daily sales were 39,139 kWh/day – 2.1% lower than May. Total power loss was 12.6% (10.9% YTD).

Average fuel efficiency for June was 14.63 kWh/gallon.

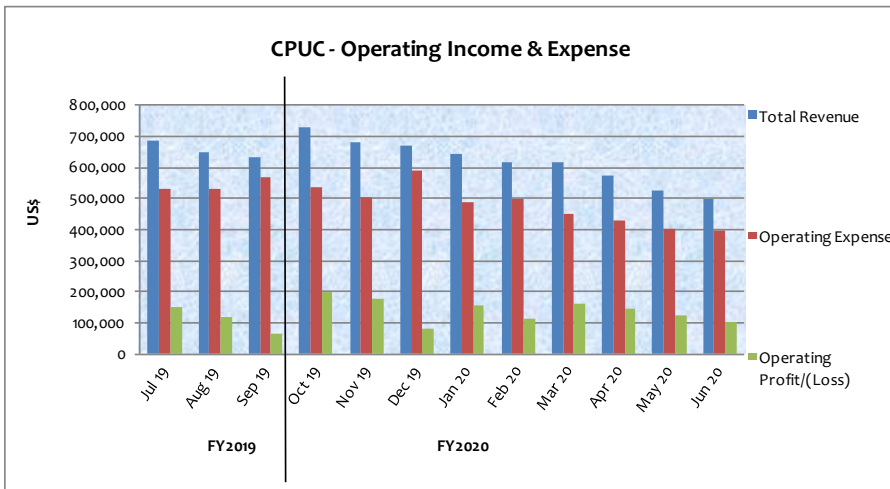
The split of power users for total sales throughout June was as follows:

Government – 22.2%; Commercial – 48.2%; Residential – 29.3%; Intercompany 5.6 %; Accrual 0.0%;

Solar PV generation increased in June and was 72,147 kWh or 5.4 % of total generation. The avoided cost of fuel was US\$10,211 and the amount of Carbon Dioxide avoided was 49.8 tons.

The June operating result was US\$103,494 or 0.80; with a positive OR after depreciation and interest of US\$197,166 YTD.

1 FINANCIAL PERFORMANCE GRAPHS

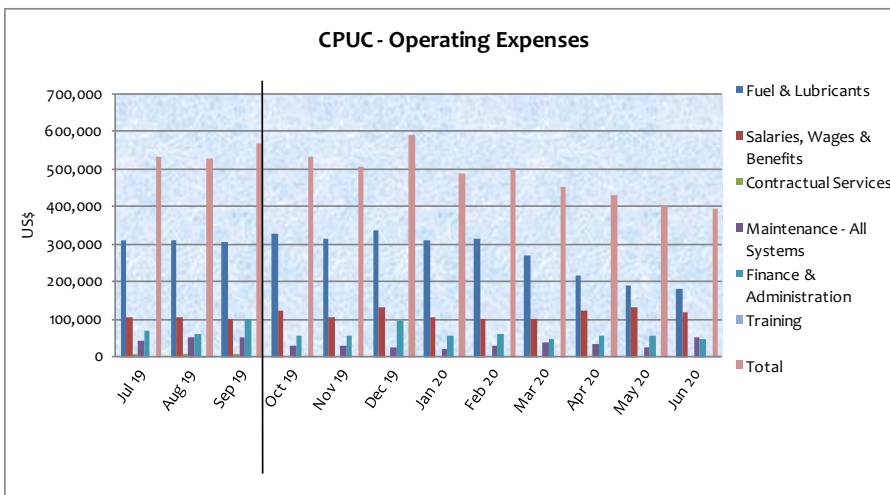


1.1 Key Points:

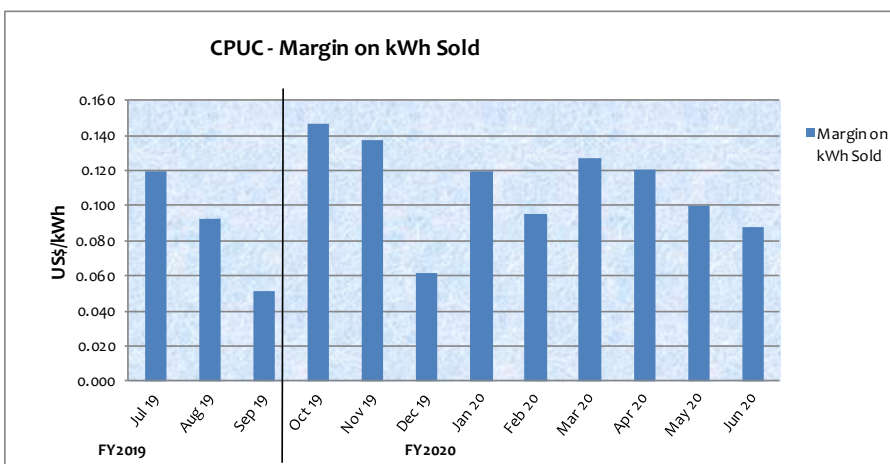
FY2020 Operating income before Depreciation & Interest :

FY2020
US\$1,60,570

Operating ratio:
FY2020 0.77;

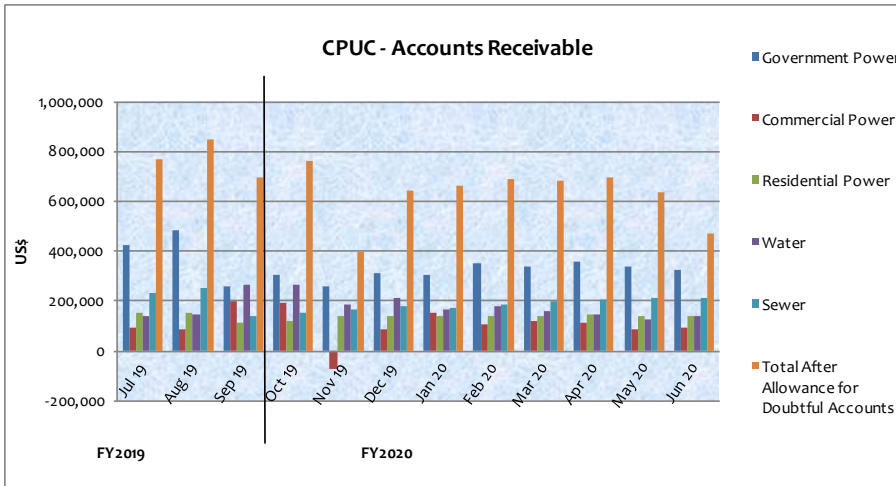


1.2 Key Points:

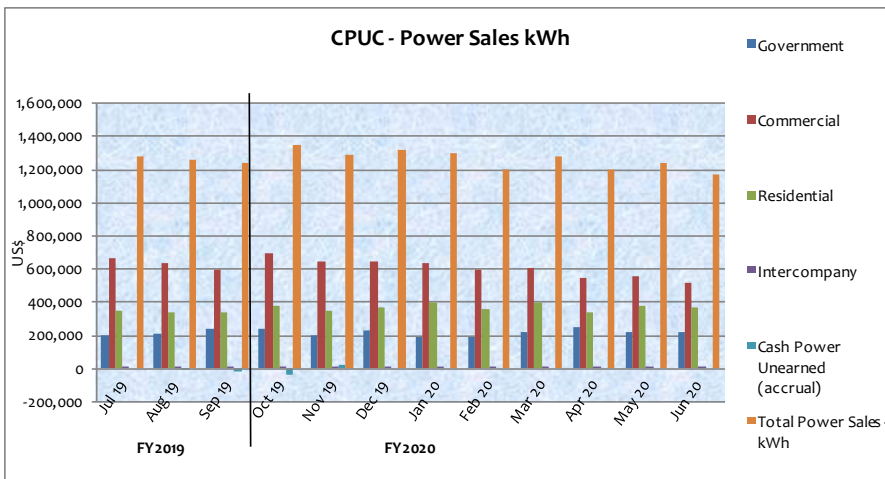


1.3 Key Points:

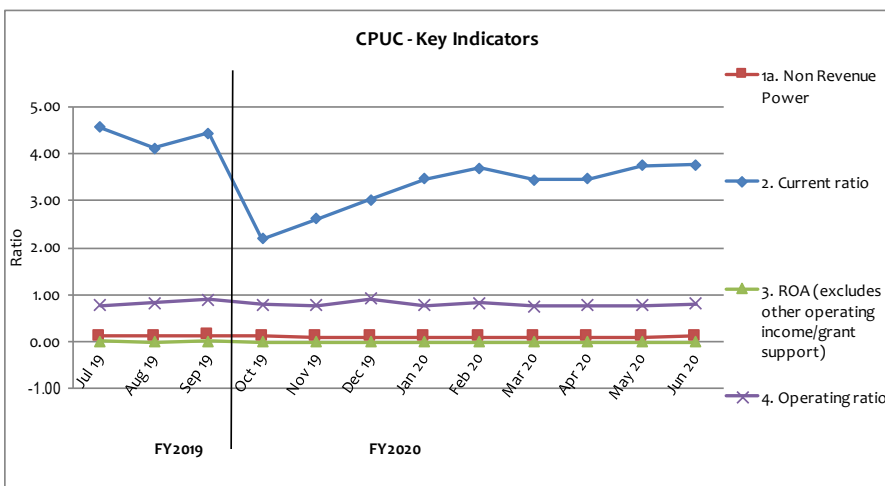
YTD US\$0.10/ kWh sold.



1.4 Key Points:

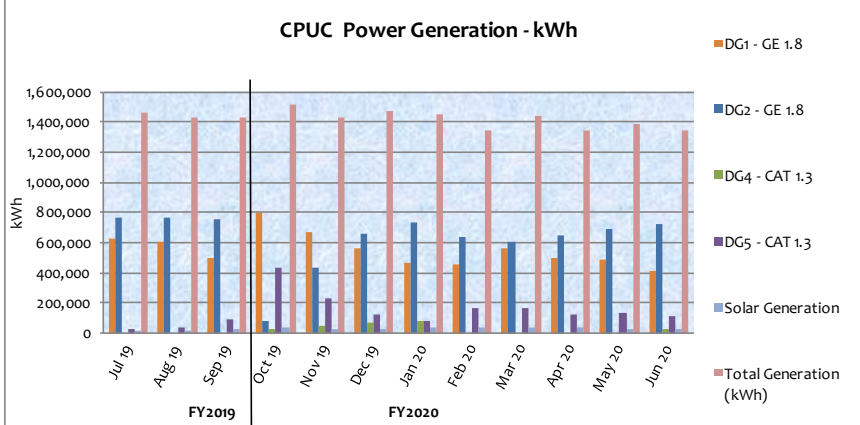


1.5 Key Points:

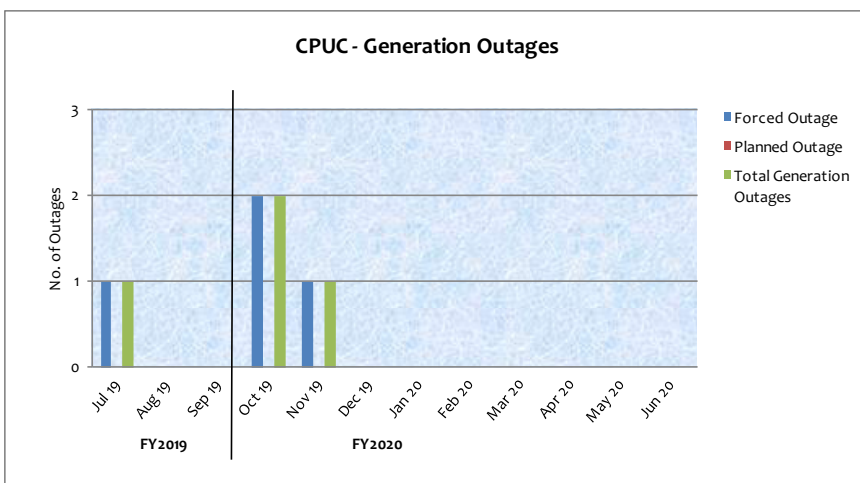


1.6 Key Points:

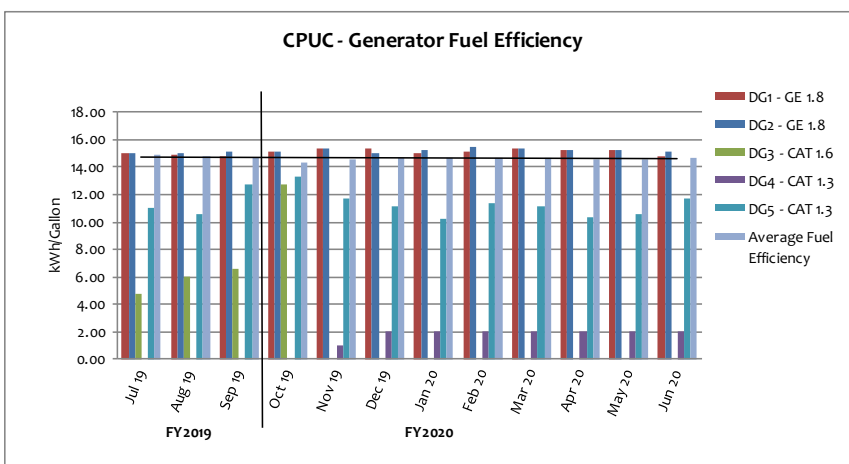
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

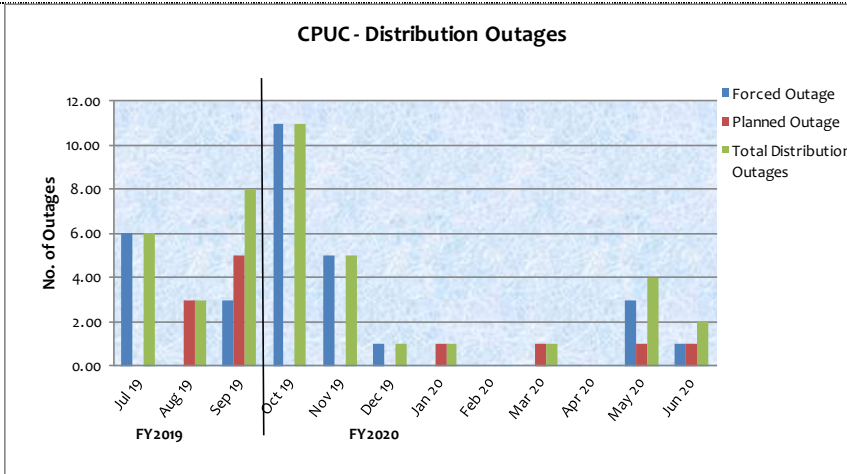


2.2 Key Points:

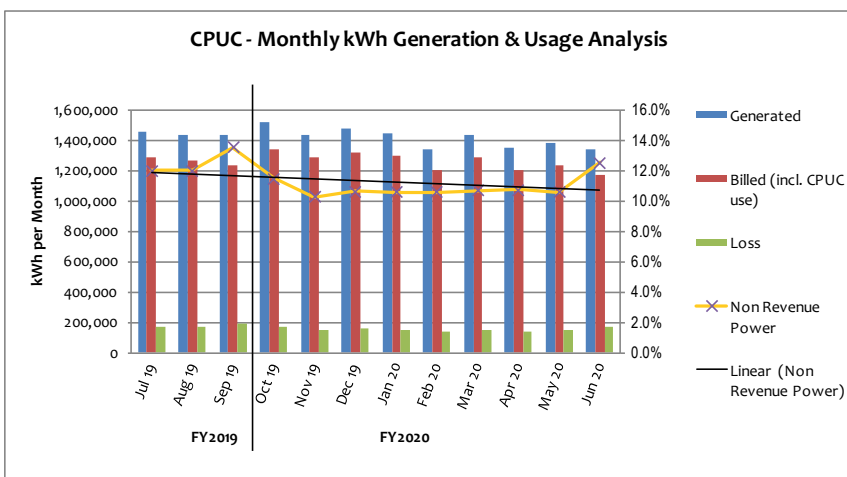


2.3 Key Points:

Avg fuel efficiency
in FY2020 14.57
kWh/gall.



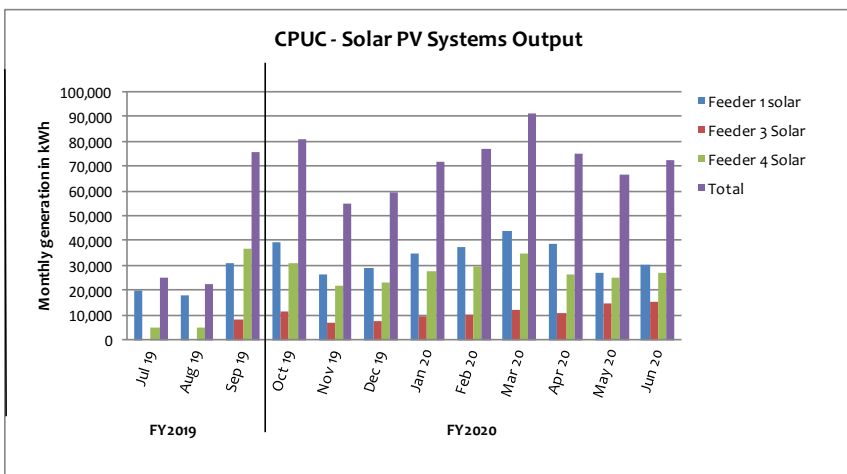
2.4 Key Points



2.5 Key Points:

Power loss for June 2020 – 12.6%;

YTD 10.9%;



2.6 Key Points:

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

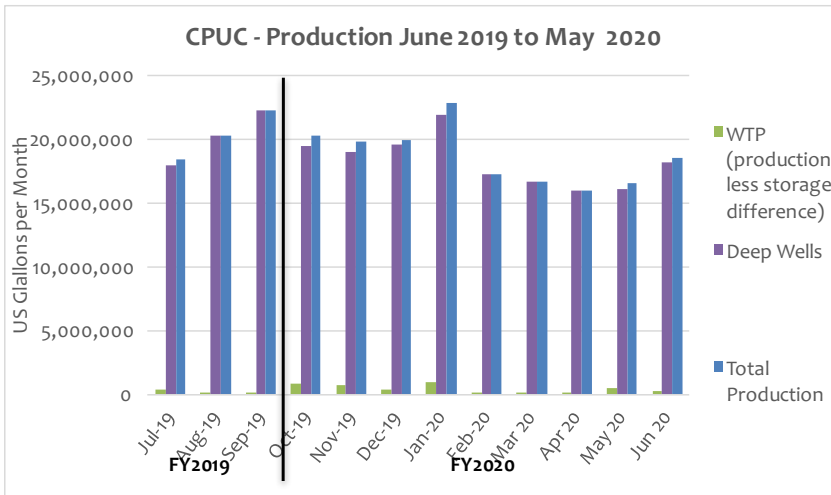
Solar PV accounted for 5.4% of CPUC generation in June 2020;

The avoided cost of fuel was US\$10,211

Avoided Tons of CO₂ was 49.8 Tons;

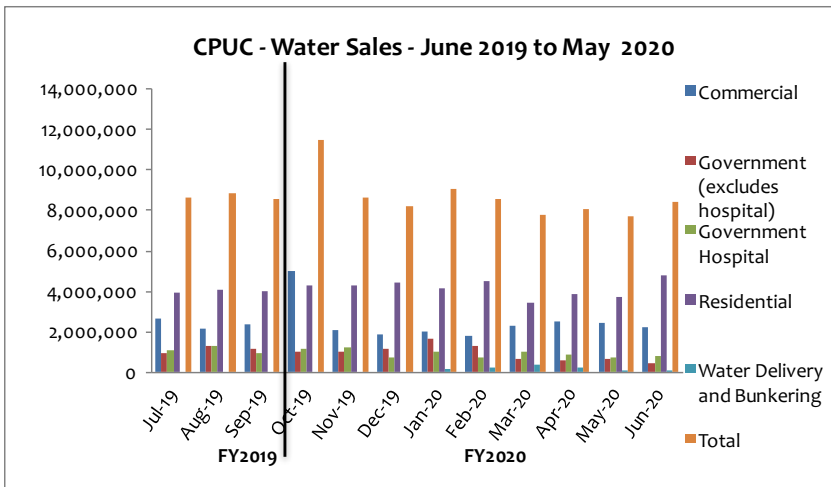
3

WATER PERFORMANCE GRAPHS

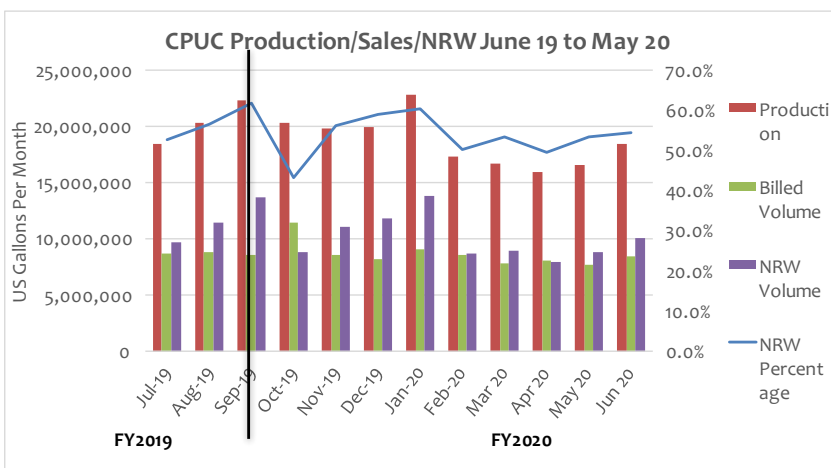


1 Key Points:

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 – July 2019 to June 2020

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
Revenue - US\$														
Operating revenue:														
a. Power Sales	607,271	586,974	563,399	614,741	601,355	609,757	584,082	556,748	560,284	510,232	477,001	448,292	7,018,756	4,962,492
b. Water Sales	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	28,619	30,295	337,219	294,093
c. Sewer Sales	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	13,682	13,200	172,002	140,125
d. Other operating revenue	30,511	9,708	21,194	47,474	32,758	20,819	6,703	13,426	11,539	19,491	7,149	6,897	208,790	166,254
Revenue - Total	686,776	647,007	631,154	731,180	683,675	672,402	643,219	616,511	615,954	574,889	526,450	498,684	7,736,766	5,562,965
Expenses - US\$														
Fuel & Lubricants	309,642	309,098	306,466	328,534	315,199	338,732	308,006	314,668	269,046	217,150	190,794	180,672	3,799,614	2,462,801
Salaries, Wages & Benefits	107,044	105,970	102,394	122,607	106,746	132,481	103,474	98,551	101,624	122,148	132,196	116,214	1,179,800	1,036,042
Contractual Services	5,298	5,372	4,992	0	0	0	0	0	0	0	0	0	73,902	0
O&M - Power Generation	18,010	22,190	24,300	5,271	7,758	7,570	5,130	8,270	14,717	5,056	10,477	23,114	209,237	87,364
O&M - Power Distribution	3,741	8,258	5,713	8,579	13,343	5,132	3,598	4,160	8,169	9,436	-9,306	9,530	97,075	52,642
O&M - Water	1,551	2,026	10,659	1,524	963	1,919	2,952	1,906	1,372	1,709	7,195	2,136	41,704	21,675
O&M - Sewer	0	6,025	36	0	64	2,047	0	334	0	48	854	230	9,921	3,577
Finance & Administration Overheads	57,763	45,990	84,748	44,063	42,864	82,437	43,564	48,821	34,598	45,678	44,363	31,858	691,996	418,246
Vehicle & Eq. Fuel	17,865	11,034	12,789	12,400	7,913	7,569	7,527	14,466	12,379	17,435	14,209	18,404	157,624	112,302
CPUC Power Usage (incl. in O&M from Oct 15)	11,967	14,380	15,451	11,369	11,640	13,772	13,458	10,596	11,066	11,251	11,564	13,032	154,062	107,747
Training	0	146	0	0	0	0	0	0	0	0	0	0	146	0
Expense - Total	532,881	530,488	567,548	534,346	506,490	591,660	487,710	501,772	452,970	429,911	402,346	395,190	6,415,080	4,302,394
Operating Income/(Loss)	153,895	116,518	63,606	196,834	177,184	80,743	155,509	114,740	162,985	144,978	124,104	103,494	1,321,686	1,260,570
Non-Cash Expenses - US\$														
Depreciation	118,520	118,520	-115,228	110,553	110,553	110,553	110,553	110,553	109,923	119,435	119,435	119,435	1,188,491	1,020,993
Interest Expense	5,188	5,188	26,320	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712	4,712	83,390	42,411
Non-Cash Expense - Total - US\$	123,708	123,708	-88,909	115,265	115,265	115,265	115,265	115,265	114,635	124,147	124,147	124,147	1,271,881	1,063,404
Net Income/(Loss) - excluding grant support - US\$	30,187	-7,190	152,515	81,569	61,919	-34,523	40,244	-526	48,350	20,831	-44	-20,653	49,806	197,166
Non-operating Income (Grant Support) - US\$	14,194	-4,802	154,012	3,875	100	4,906	2,869	285,789	605	2,131,669	4,825	286,520	0	2,721,158
Net Income/(Loss) - including grant support - US\$	44,381	-11,992	306,527	85,444	62,019	-29,617	43,113	285,263	48,955	2,152,500	4,781	265,867	49,806	2,918,325

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
Cash Flow Report - US\$														
Receipts	616,328	478,101	733,594	696,175	485,013	353,595	276,019	675,755	502,030	395,254	532,747	700,266	6,993,347	4,616,854
Disbursements	716,012	418,765	435,517	765,524	436,275	610,983	562,243	298,591	549,942	236,546	597,707	393,198	6,590,718	4,451,009
Net receipts/Disbursements	-99,683	59,336	298,077	-69,349	48,738	-257,388	-286,224	377,164	-47,912	158,708	-64,960	307,068	402,629	165,846
Cash balance (beginning)	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	1,128,509	1,531,138
Cash balance (end)	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	1,696,984	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)	1,172,031	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	1,695,290	1,529,444	1,388,222
Stocks	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	1,483,215	1,195,812	1,396,808
Trade Receivable	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	639,273	470,504	698,514	639,273
Prepaid Lease	274,576	272,545	269,879	267,817	265,756	263,694	261,632	259,570	257,508	255,446	253,385	251,323	269,879	253,385
Collateral with Vital Inc.	649,881	649,881	649,881	649,881	649,881	356,424	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.)	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	1,069,251	921,301	1,013,610
Loans Payable	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	3,667,508	3,855,776	3,711,925
Total Accounts Receivable (to date) - US\$														
Government Power	425,435	484,014	256,352	306,623	258,904	309,013	303,403	352,052	339,327	359,497	340,037	323,283	256,352	340,037
Commercial Power	95,490	85,852	201,305	192,522	-74,706	85,190	152,423	109,501	120,136	115,193	88,417	91,524	201,305	88,417
Residential Power	150,849	153,848	113,464	118,368	138,429	139,125	141,644	140,080	142,508	143,427	143,081	142,364	113,464	143,081
Water	141,361	149,569	265,746	268,594	187,729	211,066	169,057	176,710	161,753	146,398	128,081	140,226	265,746	128,081
Sewer	232,854	249,370	137,211	154,133	165,810	177,143	174,399	187,140	197,823	209,565	215,221	212,479	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	-439,371	-275,564	-275,564
Total	770,425	847,090	698,514	764,676	400,602	645,973	665,361	689,919	685,984	698,516	639,273	470,504	698,514	639,273

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

Power Sales Report	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019 YTD	FY2020 YTD
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	78,496	76,883	81,013	73,834	68,515	68,227	65,172	69,827	73,824	69,370	63,592	58,510	963,911	610,872
Government - Pre Paid (Cash Power)	26,309	35,142	45,122	46,967	26,723	40,855	22,728	20,303	28,135	40,884	25,204	29,959	457,692	281,758
Government Streetlights	3,038	3,038	2,940	3,038	2,940	3,038	3,038	2,842	3,038	2,940	3,038	2,940	36,293	26,855
Solar	3,998	3,998	3,998	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	2,680	2,680	47,979	14,985
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	111,841	119,062	133,074	126,520	100,966	114,909	84,267	95,652	107,677	115,874	94,515	94,089	1,505,875	934,470
Commercial - Post Paid	267,872	240,669	230,215	243,113	228,596	234,092	214,159	195,224	191,431	162,408	149,175	131,036	2,953,579	1,749,236
Commercial - Pre Paid (Cashpower)	93,796	99,586	78,824	106,176	83,183	75,751	90,051	90,396	83,298	78,659	75,701	72,695	1,080,406	755,911
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	361,668	340,255	309,039	349,289	311,779	309,843	304,210	285,621	274,729	241,068	224,877	203,731	4,033,986	2,505,147
Residential - Post Paid	3,973	5,380	6,211	6,234	6,411	6,053	6,397	6,167	5,715	2,557	1,978	2,056	73,621	43,567
Residential - Pre Paid (Cashpower)	155,624	149,087	145,643	155,492	137,200	146,764	165,763	144,538	145,781	123,586	129,461	121,829	1,723,466	1,270,413
Residential Scratch Card Sales	16,674	15,302	17,543	18,249	14,506	14,526	5,649	9,376	11,460	12,139	10,939	9,954	188,513	106,799
Residential Total	176,271	169,769	169,397	179,975	158,117	167,343	177,809	160,082	162,956	138,282	142,377	133,839	1,985,600	1,420,779
Trade Power Sales Total	649,780	629,087	611,510	655,784	570,863	592,095	566,286	541,355	545,362	495,224	461,769	431,659	7,525,461	4,860,396
Intercompany - CPUC Office	1,443	1,730	1,428	1,625	1,608	1,209	1,144	1,189	1,339	1,328	1,105	1,337	16,965	11,882
Intercompany - CPUC Power Operation	3,633	3,163	3,090	3,449	3,168	2,681	3,195	3,609	2,517	2,429	2,563	2,263	38,006	25,874
Intercompany - CPUC Water Operations	5,477	5,885	6,105	5,482	5,642	5,353	5,902	5,413	5,551	4,567	4,892	5,023	69,124	47,825
Intercompany - CPUC Sewer Operations	6,490	8,495	9,346	5,887	5,998	8,418	7,556	5,183	5,515	6,684	6,672	8,009	84,938	59,923
Cash Power UnEarned	2,070	-1,101	-8,550	-13,369	14,077	0	0	0	0	0	0	0	-13,411	708
Provision on Rate Refund	-61,621	-60,285	-59,530	2,680	2,788	2,788	-6,672	2,680	2,680	2,680	2,680	2,680	-702,328	0
Total Power Sales - US\$	607,271	586,974	563,399	661,538	604,144	612,545	577,410	559,428	562,964	512,912	479,681	450,972	7,018,756	5,021,593
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	140,930	139,618	151,356	142,289	138,483	138,682	132,039	139,586	152,005	152,709	152,245	142,361	1,655,387	1,290,398
Government - Pre Paid (Cash Power)	47,515	63,919	82,025	89,223	53,456	82,055	45,456	40,573	61,564	89,461	59,571	72,399	820,299	593,759
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	93,393
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	198,822	213,914	243,758	241,889	202,316	231,114	187,872	190,536	223,946	252,547	222,193	225,136	2,600,210	1,977,550
Commercial - Post Paid	493,900	448,454	445,765	482,158	475,171	487,922	446,317	406,249	412,335	372,303	374,198	332,617	5,582,156	3,789,271
Commercial - Pre Paid (Cashpower)	175,747	187,969	148,697	209,668	173,334	158,508	187,606	188,012	190,612	179,998	187,798	184,600	2,009,351	1,660,137
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	669,647	636,423	594,462	691,827	648,505	646,430	633,923	594,261	602,947	552,302	561,996	517,217	7,591,507	5,449,408
Residential - Post Paid	7,774	10,643	12,675	13,553	14,268	13,210	14,203	13,712	13,174	6,655	5,538	5,667	144,944	99,980
Residential - Pre Paid (Cashpower)	309,023	298,353	291,286	326,389	304,957	327,671	368,362	320,911	358,184	303,650	346,986	334,878	3,395,343	2,991,989
Residential Scratch Card Sales	30,657	30,460	32,839	37,560	32,036	30,608	20,329	21,563	26,212	29,539	31,017	25,283	369,106	254,147
Residential Total	347,454	339,456	336,800	377,501	351,261	371,489	402,894	356,186	397,570	339,844	383,541	365,828	3,909,393	3,346,115
Trade Power Sales Total	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	1,167,729	1,108,181	1,108,181	14,101,110	10,773,073
Intercompany - CPUC Office	5,727	6,864	5,665	6,447	6,380	4,798	4,538	4,717	5,313	5,268	14,948	5,306	67,321	57,715
Intercompany - CPUC Power Operation	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	10,172	8,981	150,819	102,676
Intercompany - CPUC Water Operations	21,733	23,354	24,226	21,754	22,389	21,243	23,419	21,479	22,029	18,123	19,411	19,934	274,303	189,781
Intercompany - CPUC Sewer Operations	25,754	33,711	37,087	23,362	23,802	33,406	29,986	20,567	21,883	26,524	26,477	31,781	337,056	237,788
Cash Power Unearned (accrual)	0	-2,787	-16,195	-31,992	21,334	0	0	0	0	0	0	0	-28,820	-10,658
Total Power Sales - kWh	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	1,174,183	14,901,789	11,350,375

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

Water/Sewer Sales Report	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	10,159	12,735	10,722	10,965	11,212	9,216	13,583	10,232	8,255	7,460	7,068	6,460	97,425	84,451
Commercial	12,413	10,018	10,925	23,856	10,731	9,631	10,403	9,769	11,740	12,076	10,726	10,115	126,928	109,048
Residential	11,034	11,055	11,104	11,422	10,965	11,424	11,075	11,742	8,953	10,469	10,824	13,720	112,866	100,594
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	33,606	33,808	32,751	46,242	32,908	30,271	35,061	31,743	28,949	30,006	28,619	30,295	337,219	294,093
Sewer Sales - US\$														
Government	4,737	6,085	5,082	5,140	5,311	4,232	6,550	4,722	3,923	3,430	3,246	2,996	46,111	39,549
Commercial	9,335	8,176	7,065	14,818	8,324	5,081	8,000	7,641	8,632	8,800	7,502	6,931	96,201	75,728
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	1,316	2,255	1,663	2,765	3,018	2,243	2,824	2,233	2,629	2,931	2,934	3,273	29,690	24,849
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	15,388	16,516	13,810	22,722	16,653	11,556	17,373	14,596	15,183	15,160	13,682	13,200	172,002	140,125
Total Water & Sewer Sales	48,994	50,324	46,562	68,965	49,562	41,827	52,434	46,338	44,132	45,166	42,300	43,495	509,221	434,219
Water Sales - Gallons														
Government	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	1,310,893	20,597,070	17,088,524
Commercial	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	2,094,333	25,588,330	22,447,731
Residential	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	4,922,709	43,836,459	37,244,940
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	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	8,327,935	90,021,859	76,781,195

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
1a. Non Revenue Power	12.0%	12.0%	13.6%	11.5%	10.3%	10.6%	10.6%	10.6%	10.7%	10.8%	10.6%	12.6%	13.7%	10.9%
Total Power Generated - kWh	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	1,342,740	17,267,831	12,738,680
Total Power Billed - kWh	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	1,174,183	14,901,789	11,350,375
Generation Loss (actual from Jun 17)	25,321	24,268	17,928	20,133	18,951	15,436	17,215	19,037	15,302	14,908	14,557	29,759	284,350	165,298
Distribution Loss Derived - kWh	113,538	112,183	140,466	116,190	92,409	104,410	100,146	89,865	102,296	96,798	97,199	105,229	1,649,996	904,540
Commercial Loss (assumed 2.5%) - kWh	36,472	35,896	35,807	37,969	35,895	36,897	36,222	33,615	35,930	33,742	34,628	33,569	431,696	318,467
Total Loss - kWh	175,330	172,348	194,200	174,292	147,255	156,742	153,583	142,516	153,528	145,449	146,384	168,557	2,366,042	1,388,305
Distribution loss %	7.8%	7.8%	9.8%	7.7%	6.4%	7.1%	6.9%	6.7%	7.1%	7.2%	7.0%	7.8%	9.6%	7.1%
1b. Non Revenue Water	52.9%	56.4%	62.9%	43.4%	56.3%	59.1%	61.1%	51.8%	55.4%	53.2%	54.0%	49.7%	63.4%	54.0%
Water Produced (million gallons)	18.41	20.28	22.32	20.34	19.78	19.99	22.87	17.31	16.71	16.71	16.54	16.54	246	167
Water Billed (million gallons)	8.67	8.84	8.29	11.51	8.64	8.18	8.89	8.34	7.46	7.82	7.62	8.33	90	77
2. Current ratio	4.56	4.12	4.42	2.19	2.60	3.02	3.46	3.69	3.45	3.46	3.73	3.75	4.42	2.60
	4.29	3.85	4.18	2.07	2.48	2.81	3.19	3.42	3.21	3.23	3.54	3.61	4.18	2.48
	10.33	11.54	11.52	5.62	6.82	10.16	12.87	13.27	11.32	11.01	7.86	8.58	11.52	6.82
	7.98	7.67	4.68	2.26	3.20	4.46	7.21	8.32	7.46	7.43	6.56	5.09	4.68	3.20
3. ROA(excludes other operating income/grant support)	0.38%	0.22%	0.88%	0.33%	0.26%	-0.14%	0.17%	0.00%	0.20%	0.08%	0.00%	-0.08%	3.1%	0.8%
Power Business	0.74%	0.55%	0.36%	0.44%	0.40%	0.01%	0.31%	0.11%	0.36%	0.20%	0.19%	0.04%	6.2%	2.1%
Water Business	-0.36%	-0.50%	5.25%	1.07%	0.62%	-0.07%	0.25%	0.18%	0.24%	0.28%	-0.76%	-0.04%	-3.1%	1.9%
Sewer Business	-1.05%	-1.08%	1.69%	-0.45%	-0.54%	-0.90%	-0.56%	-0.61%	-0.54%	-0.61%	-0.67%	-0.65%	-9.2%	-5.7%
4. Operating ratio	0.78	0.82	0.90	0.78	0.78	0.91	0.77	0.83	0.75	0.77	0.77	0.80	0.83	0.77
Power Business	0.74	0.78	0.83	0.77	0.75	0.86	0.74	0.80	0.71	0.72	0.70	0.76	0.79	0.74
Water Business	0.82	0.83	1.23	0.64	0.81	1.06	0.82	0.89	0.95	1.00	1.24	0.92	0.98	0.77
Sewer Business	2.32	2.29	2.79	1.26	1.56	3.06	1.58	1.82	1.72	2.02	2.26	2.19	2.28	1.81
5. Days in Accounts Receivable	35.22	39.88	34.36	34.67	18.46	30.73	32.40	32.03	35.18	37.73	38.16	28.70	33.87	32.34
Power Business	25.26	28.84	22.53	22.89	9.54	19.01	22.42	21.62	23.76	26.06	25.96	19.28	21.30	21.97
Water Business	92.95	100.14	174.56	132.36	101.39	151.52	105.70	111.39	123.57	104.96	96.95	71.81	206.27	83.08
Sewer Business	334.37	341.78	213.74	154.58	176.96	333.10	220.06	256.54	288.16	297.39	340.76	249.71	208.80	293.00

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

Diesel Generation - kWh	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	1,270,593	16,910,468	12,088,996
Peak Generation - kW	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	2,615	2,640	2,943	2,968
Fuel Consumption - Gallons	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	90,467	86,875	1,145,000	828,549
Average Fuel Price (\$/Gallon)	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	2.11	2.07	38.88	25.29
Load Factor (%)	69%	69%	66%	68%	66%	68%	71%	66%	69%	67%	70%	67%	67%	65%
Capacity Factor (%)	50%	49%	52%	53%	51%	51%	48%	48%	49%	48%	47%	47%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	1300%	1400%	1500%	1600%	1700%	1800%	1900%	100%	100%
Reserve Plant Margin (%)	180%	182%	170%	163%	172%	172%	189%	188%	182%	191%	198%	195%	168%	165%
Solar PV Generation - kWh	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	66,830	72,147	357,363	649,684
Solar Generation %	1.7%	1.6%	5.3%	5.3%	3.8%	4.0%	5.0%	5.7%	6.3%	5.6%	4.8%	5.4%	2.1%	5.1%
Peak PV Generation - kW	196	178	593	633	430	466	561	601	711	588	522	564	1,713	4,149
Avoided Fuel - Gallons	1,686	1,535	5,157	5,653	3,770	4,060	4,896	5,246	6,214	5,175	4,586	4,933	24,197	44,528
Avoided Cost of Fuel - US\$	5,278	4,832	16,068	17,762	11,819	12,729	15,463	16,420	18,208	12,829	9,672	10,211	78,510	125,665
Tons of CO2 avoided	17.0	15.5	52.1	57.1	38.1	41.0	49.5	53.0	62.8	52.3	46.3	49.8	244.4	449.7
Labour Productivity (kWh/Emp/d)	1,600	1,577	1,514	1,605	1,541	1,581	1,537	1,415	1,502	1,422	1,471	1,418	1,448	1,379
SFOC (kWh/gal)	14.84	14.80	14.71	14.33	14.59	14.70	14.66	14.67	14.64	14.55	14.57	14.63	14.77	14.59
DG1 - GE 1.8	14.99	14.89	14.82	15.07	15.40	15.37	14.96	15.18	15.34	15.24	15.25	14.81	15.04	15.19
DG2 - GE 1.8	14.97	15.03	15.08	15.14	15.32	15.04	15.20	15.42	15.33	15.24	15.20	15.16	15.15	15.23
DG3 - CAT 1.6	4.81	5.99	6.55	12.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.29	12.82
DG4 - CAT 1.3	0.00	0.00	0.00	0.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	12.45	14.50
DG5 - CAT 1.3	11.02	10.54	12.75	13.35	11.74	11.15	10.18	11.42	11.11	10.40	10.57	11.75	13.28	11.65
SLOC (kWh/gal)	1,565	3,758	3,237	3,754	1,531	1,570	2,214	2,078	3,067	3,662	1,503	4,506	2,917	2,253
DG1 - GE 1.8	1,322	3,211	2,263	5,027	1,464	1,220	1,059	3,180	2,942	2,462	1,289	3,630	2,409	1,928
DG2 - GE 1.8	0	0	0	0	0	0	0	0	0	0	0	0	3,157	2,364
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 (%)	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
Planned Outage Factor (%)	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	26.2%	26.0%	27.2%	27.9%	27.0%	27.0%	25.4%	25.5%	26.0%	25.2%	24.6%	24.8%	27.4%	27.7%
Distribution Losses (%)	7.8%	0.0%	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)	0.10	0.20	0.13	0.05	0.05	0.27	0.20	0.00	0.02	0.00	0.27	0.20	0.70	1.06
SAIFI	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.024	0.015
Average Cost (\$/kWh)	0.21	0.21	0.20	0.21	0.21	0.20	0.20	0.20	0.19	0.16	0.14	0.13	0.215	0.184

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	631,714	606,787	497,801	794,341	670,376	558,984	472,454	457,961	567,736	494,829	488,549	410,161	6,417,815	4,915,391
DG2 - GE 1.8	768,085	769,655	755,515	85,201	435,578	657,724	738,693	642,824	610,327	649,552	696,627	719,305	8,642,917	5,235,831
DG3 - CAT 1.6	337	419	5,687	93,821	0	0	0	563	0	0	0	1,194	384,549	95,578
DG4 - CAT 1.3	0	0	0	28,249	44,969	76,343	85,964	0	0	0	0	24,400	249	259,925
DG5 - CAT 1.3	33,715	36,249	97,390	436,126	229,888	123,143	79,994	166,289	168,160	130,023	133,115	115,533	1,464,938	1,582,271
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	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	1,270,593	16,910,468	12,088,996
PP Solar F1	0	0	11,753	17,823	11,907	13,034	15,588	16,731	19,438	16,372	8,589	10,059	11,753	129,541
High School Solar F1	19,852	17,874	18,982	21,251	14,280	15,600	19,080	20,520	24,600	22,080	18,480	19,920	234,261	175,811
PP Solar F3	0	0	8,289	11,188	7,165	7,872	9,406	10,016	12,292	10,537	14,621	15,472	8,289	98,569
Airport Roof F4	5,179	4,851	5,835	4,094	4,900	4,900	5,700	6,100	6,900	5,900	4,600	4,800	72,046	47,894
Airport Carpark F4	0	0	15,455	19,173	11,969	13,014	15,637	16,742	19,438	13,230	14,716	15,677	15,455	139,596
WWTP F4	0	0	15,559	7,499	4,782	5,249	6,376	6,837	8,314	7,173	5,824	6,219	15,559	58,273
Solar PV Generation Total (kWh)	25,031	22,725	75,873	81,028	55,003	59,669	71,787	76,946	90,982	75,292	66,830	72,147	357,363	649,684
Total Generation (kWh)	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	1,342,740	17,267,831	12,738,680
Maximum Demand (kW)	2,789	2,768	2,890	2,968	2,868	2,866	2,702	2,708	2,767	2,683	2,615	2,640	2,943	2,968
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)	14,415	12,553	12,263	13,686	12,571	10,640	12,677	14,320	9,989	9,640	10,172	8,981	150,819	102,676
Running Hours														
DG1 - GE 1.8	620	614	495	715	657	657	478	468	581	527	520	444	6,078	5,047
DG2 - GE 1.8	706	723	690	80	447	447	709	653	622	672	736	695	7,668	5,061
DG3 - CAT 1.6	3	2	7	156	0	0	0	0	2	2	0	5	696	165
DG4 - CAT 1.3	0	0	0	72	96	96	200	0	0	0	0	68	0	532
DG5 - CAT 1.3	63	73	163	660	380	380	130	288	291	230	234	202	2,317	2,795
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,392	1,412	1,355	1,683	1,580	1,580	1,517	1,409	1,496	1,431	1,490	1,414	16,759	13,600

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	FY2019	FY2020 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	42,152	40,751	33,581	52,715	43,522	36,370	31,590	30,172	37,001	32,479	32,046	27,694	426,748	323,590
DG2 - GE 1.8	51,311	51,193	50,096	5,628	28,434	43,735	48,604	41,693	39,816	42,611	45,831	47,457	570,529	343,807
DG3 - CAT 1.6	70	70	868	7,336	0	0	0	0	0	0	0	122	37,364	7,458
DG4 - CAT 1.3	0	0	0	1,958	3,102	5,216	5,879	0	0	0	0	1,768	20	17,923
DG5 - CAT 1.3	3,059	3,438	7,641	32,669	19,582	11,042	7,857	14,559	15,134	12,504	12,590	9,835	110,339	135,771
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	96,592	95,451	92,186	100,306	94,640	96,364	93,929	86,424	91,951	87,593	90,467	86,875	1,145,000	828,549
Average Fuel Price (\$/Gallon)	3.13	3.15	3.12	3.14	3.14	3.14	3.16	3.13	2.93	2.48	2.11	2.07	3.24	2.82
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	265	0	0	0	193	193	181	144	193	201	114	113	795	1,332
DG2 - GE 1.8	265	0	0	0	74	74	176	106	151	147	138	169	1,060	1,035
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	95	10	10	0	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)	530	0	0	95	277	277	357	250	344	348	252	282	2,235	2,482
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	213	189	220	158	265	265	265	0	0	0	265	0	1,869	1,218
DG2 - GE 1.8	173	187	199	120	265	265	0	265	0	0	265	0	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	10	95	95	0	95	95	0	95	0	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)	386	376	419	288	625	625	265	360	95	0	625	0	3,562	2,883

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	2019 YTD	2020 YTD
Feeder 1 Load	369,423	384,699	386,137	407,452	378,027	395,422	388,160	370,702	414,164	399,718	395,332	392,387	4,474,271	3,541,364
Feeder 2 Load	121,066	122,901	119,729	138,717	130,673	134,935	138,695	125,578	123,480	115,696	115,033	113,976	1,458,635	1,136,783
Feeder 3 Load	444,707	428,584	418,712	448,906	428,625	434,663	425,034	394,056	428,257	401,002	414,851	396,632	5,043,967	3,772,026
Feeder 4 Load	323,485	322,614	336,348	342,362	322,669	334,580	319,152	296,115	316,002	291,404	298,306	291,512	3,962,444	2,812,102
Feeder 5 Load	174,880	152,769	153,412	161,196	156,869	160,827	160,636	139,095	140,000	126,968	147,042	118,474	2,044,163	1,311,107
Total Feeder Load (kWh)	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	1,312,981	16,983,480	12,573,382
													0	0
Feeder 1 Sales	316,825	332,997	336,964	361,522	343,672	341,446	333,841	323,618	359,700	373,590	359,285	363,309	3,893,759	3,159,982
Feeder 2 Sales	95,926	106,867	104,991	106,453	114,640	123,125	98,278	104,649	101,103	98,365	95,809	88,373	1,214,353	930,794
Feeder 3 Sales	378,385	352,601	343,851	388,632	359,997	376,821	409,670	365,333	359,708	339,015	349,582	341,688	4,314,626	3,290,447
Feeder 4 Sales	309,279	317,987	298,274	314,634	312,604	327,287	317,928	275,522	287,732	283,572	288,911	271,736	3,693,340	2,679,925
Feeder 5 Sales	165,865	136,441	136,997	146,228	143,605	144,995	123,218	115,784	123,400	100,109	125,732	99,430	1,623,610	1,122,500
Total Feeder Sales (kWh)	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	1,164,536	14,739,689	11,183,648
Feeder 1 Loss - kWh	52,598	51,702	49,173	45,930	34,355	53,976	54,319	47,084	54,464	26,128	36,047	29,078	580,512	381,382
Feeder 2 Loss - kWh	25,140	16,034	14,738	32,264	16,033	11,810	40,417	20,929	22,377	17,331	19,224	25,603	244,282	205,989
Feeder 3 Loss - kWh	66,322	75,983	74,861	60,274	68,628	57,842	15,364	28,723	68,549	61,987	65,269	54,944	729,341	481,579
Feeder 4 Loss - kWh	14,206	4,627	38,074	27,728	10,065	7,293	1,224	20,593	28,270	7,832	9,395	19,776	269,104	132,177
Feeder 5 Loss - kWh	9,015	16,328	16,415	14,968	13,264	15,832	37,418	23,311	16,600	26,859	21,310	19,044	420,553	188,607
Total Feeder Loss - kWh	167,282	164,674	193,261	181,165	142,346	146,753	148,742	140,641	190,261	140,136	151,245	148,445	2,243,791	1,389,734
Feeder 1 Loss - %	14.2%	13.4%	12.7%	11.3%	9.1%	13.7%	14.0%	12.7%	13.2%	6.5%	9.1%	7.4%	13.0%	10.8%
Feeder 2 Loss - %	20.8%	13.0%	12.3%	23.3%	12.3%	8.8%	29.1%	16.7%	18.1%	15.0%	16.7%	22.5%	16.7%	18.1%
Feeder 3 Loss - %	14.9%	17.7%	17.9%	13.4%	16.0%	13.3%	3.6%	7.3%	16.0%	15.5%	15.7%	13.9%	14.5%	12.8%
Feeder 4 Loss - %	4.4%	1.4%	11.3%	8.1%	3.1%	2.2%	0.4%	7.0%	8.9%	2.7%	3.1%	6.8%	6.8%	4.7%
Feeder 5 Loss - %	5.2%	10.7%	10.7%	9.3%	8.5%	9.8%	23.3%	16.8%	11.9%	21.2%	14.5%	16.1%	20.6%	14.4%
Total Feeder Loss - %	11.7%	11.7%	13.7%	12.1%	10.0%	10.0%	10.4%	10.6%	13.4%	10.5%	11.0%	11.3%	13.2%	11.1%

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

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	303	1,342	8,558
F02	191	1,255	542
F03	242	2,122	1,171
F04	210	2,883	2,343
F05	190	805	1,473
Total	227	1,681	2,817

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	2019 YTD	2020 YTD
Number of Outages (Frequency)														
Forced - Generation	1	0	0	2	1	0	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)	1	0	0	2	1	0	0	0	0	0	0	0	4	3
Forced - Distribution	6	0	3	11	5	1	0	0	0	0	3	1	21	21
Feeder 1	1	0	0	2	1	0	0	0	0	0	0	0	2	3
Feeder 2	2	0	0	3	1	0	0	0	0	0	2	1	4	7
Feeder 3	1	0	3	2	1	0	0	0	0	0	1	0	5	4
Feeder 4	1	0	0	2	1	0	0	0	0	0	0	0	4	3
Feeder 5	1	0	0	2	1	1	0	0	0	0	0	0	6	4
Planned - Distribution	0	3	5	0	0	0	1	0	1	0	1	1	18	4
Feeder 1	0	1	1	0	0	0	0	0	1	0	0	0	4	1
Feeder 2	0	0	1	0	0	0	1	0	0	0	0	1	3	2
Feeder 3	0	1	1	0	0	0	0	0	0	0	1	0	4	1
Feeder 4	0	0	1	0	0	0	0	0	0	0	0	0	3	0
Feeder 5	0	1	1	0	0	0	0	0	0	0	0	0	4	0
Total Number of Outages (Dist)	6	3	8	11	5	1	1	0	1	0	4	2	39	25

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

	Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	2019 YTD	2020 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.1	0.0	0.0	0.1	0.2	0.0	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)	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
Forced - Distribution	2.7	0.0	3.2	1.3	1.3	7.4	0.0	0.0	0.0	0.0	5.5	1.4	13.0	16.8
Feeder 1	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
Feeder 2	2.4	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	5.5	1.4	3.8	7.7
Feeder 3	0.1	0.0	3.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.3
Feeder 4	0.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4
Feeder 5	0.1	0.0	0.0	0.3	0.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	7.9
Planned - Distribution	0.0	5.3	0.4	0.0	0.0	0.0	5.4	0.0	0.5	0.0	2.0	4.1	6.0	12.1
Feeder 1	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.8	0.5
Feeder 2	0.0	0.0	0.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	4.1	0.1	9.6
Feeder 3	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.9	2.0
Feeder 4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Feeder 5	0.0	1.9	0.1	0.0	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)	2.7	5.3	3.6	1.3	1.3	7.4	5.4	0.0	0.5	0.0	7.5	5.5	19.0	28.8

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

COMPANY WIDE DATA	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	FY2020 YTD
Water Production (Millions)													
WTP Production	422,700	800	72,800	880,000	716,800	371,600	936,700	4,500	2,000	2,000	488,500	291,500	3,693,600
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	5,238,000
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	5,238,000
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)	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	18,231,700	164,338,900
Volume into network	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	18,523,200	168,032,500
Water Volume Bill (Millions)													
Commercial	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	2,260,086	22,339,632
Government (excludes hospital)	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	459,793	8,545,854
Government Hospital	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	834,000	8,369,500
Residential	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	4,774,948	37,487,000
Water Delivery and Bunkering	0	0	0	0	0	0	191,500	257,500	368,000	228,000	64,000	103,000	1,212,000
Water Adjustment													0
Total	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	8,431,827	77,953,986
NRW													
Volume	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	10,091,373	90,078,514
Percentage	52.9%	56.4%	61.7%	43.4%	56.3%	59.1%	60.3%	50.4%	53.3%	49.6%	53.6%	54.5%	53.6%
Invoiced Water Value (\$USD)													
Water Delivery and Bunkering							\$2,897.05	\$3,462.90	\$5,382.30	\$3,847.20	\$1,437.45	\$2,374.05	19,401
Commercial	\$12,413	\$10,018	\$10,925	\$23,856	\$10,731	\$9,631	\$10,403	\$9,835	\$11,740	\$12,083	\$10,726	\$10,115	109,122
Government (includes hospital)	\$10,159	\$12,736	\$10,722	\$10,965	\$11,212	\$9,216	\$13,583	\$10,232	\$8,255	\$7,381	\$7,085	\$6,460	84,389
Residential	\$11,034	\$11,351	\$11,104	\$12,027	\$11,279	\$11,772	\$10,820	\$11,733	\$8,995	\$10,462	\$10,824	\$13,720	101,633
Total	\$33,606	\$34,105	\$32,751	\$46,848	\$33,222	\$30,619	\$37,704	\$35,263	\$34,372	\$33,774	\$30,073	\$32,669	\$314,544
Sewer Charge (\$USD)													
Commercial	\$5,885	\$4,726	\$4,540	\$11,435	\$4,972	\$4,248	\$4,646	\$4,288	\$5,279	\$5,447	\$4,684	\$3,578	48,577
Commercial - w/o water	\$2,447	\$2,447	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	\$2,379	21,415
Government	\$4,737	\$6,085	\$5,082	\$5,140	\$5,311	\$4,232	\$6,550	\$4,722	\$3,923	\$3,430	\$3,301	\$2,996	39,603
Residential	\$891	\$928	\$858	\$905	\$905	\$1,027	\$924	\$808	\$719	\$1,007	\$964	\$1,271	8,531
Residential w/o water	\$1,920	\$1,920	\$1,910	\$1,910	\$1,960	\$1,971	\$1,920	\$1,936	\$1,930	\$2,041	\$2,000	\$2,024	17,693
Total	\$15,879	\$16,105	\$14,769	\$21,769	\$15,528	\$13,858	\$16,420	\$14,134	\$14,229	\$14,304	\$13,329	\$12,249	\$135,819

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

COMPANY WIDE DATA	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	FY2020 YTD
Water Connection Data (No. of Connections)	485	478	478	480	478	479	483	468	463	457	467	469	469
Commercial - Billed	81	81	81	81	81	80	80	81	80	79	79	78	78
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 Avg Consumption - Gall/conn/mth	32,700	27,116	29,553	62,042	25,964	23,410	25,031	22,161	29,137	31,544	31,112	28,975	286,406
Government - Billed	21	18	19	19	18	20	18	16	16	18	18	16	16
Government - Disconnected	1	1	1	1	1	1	1	1	1	1	1	1	1
Government - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Avg Consumption - Gall/conn/mth	45,283	70,887	62,279	52,625	57,291	57,012	92,050	83,862	39,935	34,111	36,836	28,737	534,116
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 Avg Consumption - Gall/conn/mth	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	834,000	8,369,500
Residential - Billed	382	378	377	379	378	378	384	370	366	359	369	374	374
Residential - Disconnected	3	3	3	3	3	2	2	1	2	1	3	1	1
Residential - Meter Pulled	0	1	1	1	1	1	1	1	1	1	1	0	0
Residential Avg Consumption - Gall/conn/mth	10,392	10,781	10,589	11,297	11,310	11,818	10,873	12,142	9,389	10,707	10,135	12,767	100,233
Sewer Connection Data (No. of Connections)	490	487	484	487	491	490	487	484	486	497	495	492	492
Commercial Billed	46	48	47	47	46	44	45	48	49	51	51	49	49
Commercial Billed w/o water	43	43	43	43	43	43	43	43	43	43	43	43	43
Government Billed	20	17	18	18	17	19	17	15	15	17	17	15	15
Residential Billed	190	188	186	189	190	190	191	186	187	190	193	192	192
Residential Billed w/o water	191	191	190	190	195	194	191	192	192	196	191	193	193
STP Inflow (MG/month)	13.0	16.0	17.0	13.5	14.0	16.0	17.0	13.0	14.0	16.0	18.0		122
SEWER OVERFLOW W/O's													
North Zone	1	1	1	1	1	1	0	1	0	0	1		5
South Zone	2	2	1	0	1	1	1	1	0	0	1		5

Water Table 3 Zonal Water Use Statistics – FY2020

ZONAL NRW - June 2020					ZONAL NRW - FY2020 YTD				
Zone	Production Gallons	Sales Gallons	NRW		Zone	Production Gallons	Sales Gallons	NRW	
			Gallons	%				Gallons	%
1	48,000	29,074	18,926	39%	1	432,000	259,812	172,188	40%
2	14,913,700	5,972,364	8,941,336	60%	2	133,012,300	53,812,086	79,200,214	60%
3	10,000	0	10,000	0%	3	90,000	124,200	-34,200	-38%
4	846,200	210,760	635,440	75%	4	7,197,600	1,893,410	5,304,190	74%
5	0	0	0	0%	5	0	13,506	-13,506	-
6	1,816,000	1,702,190	113,810	6%	6	18,884,900	15,193,770	3,691,130	20%
7	100,000	20,850	79,150	79%	7	900,000	495,490	404,510	45%
8	789,300	393,593	395,707	50%	8	7,513,200	4,949,764	2,563,436	34%
Water Delivery/Bunker		103,000			Water Delivery/Bunker		1,212,000		
Total	18,523,200	8,431,831	10,091,369	54.5%	Total	168,030,000	77,954,038	90,075,962	53.6%
ZONAL WATER CONSUMPTION - June 2					ZONAL WATER CONSUMPTION - FY2020 YTD				
Zone	Avg Use - Gallons/Connection/Month				Zone	Avg Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	0	0	-	7,268	1	0	0	-	64,940
2	29,159	22,170	-	12,260	2	296,807	408,304	-	94,428
3	0	0	-	0	3	3,278	0	-	0
4	0	0	-	15,054	4	0	0	-	135,244
5	0	0	-	0	5	0	0	-	0
6	25,235	0	834,000	469	6	158,157	0	8,369,500	146,883
7	0	0	-	4,170	7	0	0	-	99,098
8	0	43,185	-	12,034	8	0	810,903	-	62,477
Total	54,394	65,355	834,000	51,255	Total	313,646	424,864	10,404,000	118,120

Work Order Summary – End June 2020

Work Order Performance June 2020						
Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	11	37	95	0	25	23
INTERNAL POWER	7	0	8	0	0	7
INTERNAL SEWER	9	5	10	0	4	10
INTERNAL WATER	7	2	4	0	0	9
POWER	98	45	65	0	28	115
REVENUE	78	57	100	0	44	91
SEWER	33	14	51	0	13	34
WATER	179	88	272	0	65	202
TOTAL ALL WORK ORDERS	422	248	605		179	491
Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At End		
INTERNAL MAINTENANCE	2.6%	14.9%	-	4.7%		
INTERNAL POWER	1.7%	0.0%	-	1.4%		
INTERNAL SEWER	2.1%	2.0%	-	2.0%		
INTERNAL WATER	1.7%	0.8%	-	1.8%		
POWER	23.2%	18.1%	19.6%	23.4%		
REVENUE	18.5%	23.0%	32.6%	18.5%		
SEWER	7.8%	5.6%	27.7%	6.9%		
WATER	42.4%	35.5%	24.3%	41.1%		
TOTAL ALL WORK ORDERS			26.7%			

Administration Table 1 H&S Statistics – June 2020



HEALTH & SAFETY REPORT: FY2020 - June 2020

1. ACCIDENT REPORT

DEPARTMENT		June 2020						YEAR TO DATE - FY2020					
	Number of Staff	Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	21	3,292	0	0	0	0	0	30,911	0	0	0	0	0
Maintenance	6	997	0	0	0	0	0	8,441	0	0	0	0	0
Power Distribution - Line	21	3,316	0	0	0	0	0	29,163	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Water & Sewer	24	3,528	0	0	0	0	0	36,377	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	21	3,229	0	0	0	0	0	26,574	0	0	0	0	0
TOTAL	93	14,361	0	0	0	0	0	131,466	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company

985,089

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		June 2020		
	Number of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	21	163	0	163
Maintenance	6	49	0	49
Power Distribution - Line	21	232	0	232
Power Distribution - Contractors	0	0	0	0
Water & Sewer	24	161	0	161
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	21	229	0	229
TOTAL	93	834	0	834

Year To Date FY2020		
Total Hours Sick	Accident Related	Poor Health
1,074	0	1,074
96	0	96
1,811	0	1,811
0	0	0
1,779	0	1,779
0	0	0
1,373	0	1,373
6,133	0	6,133

Sick Hours as Percentage of Total Hours Worked		5.8%	0.0%	5.8%
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4.7%	0.0%	4.7%
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DEPARTMENT		June 2020		
Sick Hours as Percentage of Total Hours Worked	Number of Staff	Total Hours Sick	Accident Related	Poor Health
Power Generation	21	5.0%	0.0%	5.0%
Maintenance	6	4.9%	0.0%	4.9%
Power Distribution - Line	21	7.0%	0.0%	7.0%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	24	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	21	7.1%	0.0%	7.1%
TOTAL	93	5.8%	0.0%	5.8%

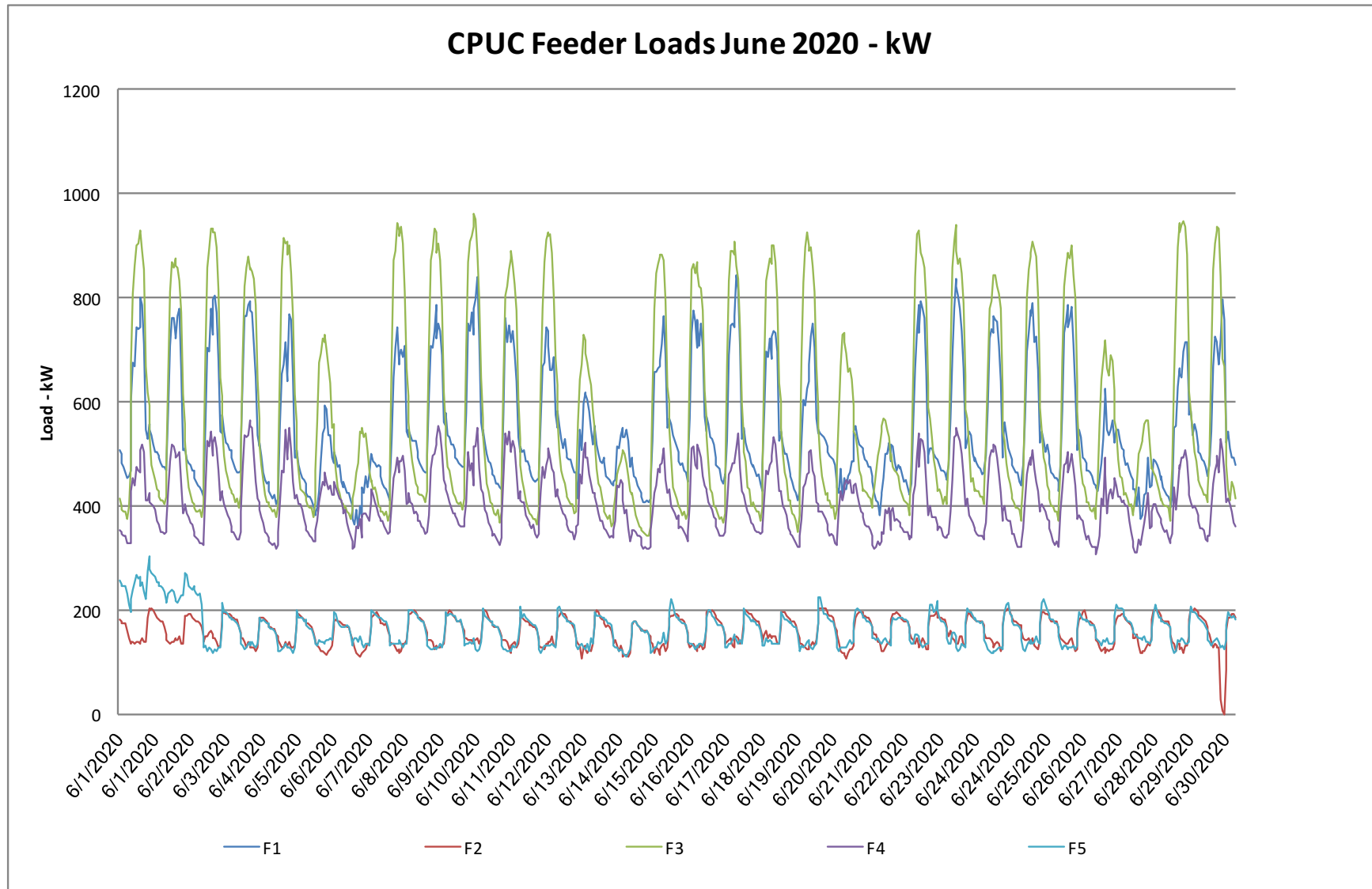
Administration Table 2 Attendance Summary – June 2020 & FY 2020

DEPARTMENT	June 2020								YEAR TO DATE - FY2020							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claimed
		Regular	Overtime						Regular	Overtime						
Power Generation	21	3,132	160	0	163	146	3,601	27	29,193	1,718	810	1,074	1,845	34,640	378	3.1%
Maintenance	6	968	29	0	49	11	1,058	0	7,609	832	296	96	422	9,255	18	1.0%
Power Distribution - Line	21	3,169	146	0	232	193	3,741	0	27,728	1,434	1,389	1,811	2,641	35,004	150	5.2%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Water & Sewer	24	3,220	308	0	161	235	3,924	9	32,857	3,520	1,417	1,779	1,642	41,215	466	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	21	3,106	122	0	229	161	3,618	0	25,241	1,333	1,101	1,373	2,399	31,446	50	4.4%
TOTAL EMPLOYEES	93	13,595	766	0	834	747	15,942	36	122,629	8,837	5,013	6,133	8,948	151,560	1,062	4.0%
REGULAR STAFF	93	13,595	766	0	834	747	15,942	36	122,629	8,837	5,013	6,133	8,948	151,560	1,062	
Hours as % of Total Hours Claimed		85.3%	4.8%	0.0%	5.2%	4.7%		0.2%	80.9%	5.8%	3.3%	4.0%	5.9%		0.7%	

CAPEX Table 1 Capex Summary Sheet – June 2020

Chuuk Public Utility Corporation Capex Summary Sheet as of June 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 / ADB 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	204,400	0	0	156,120	48,280	-48,280
FY 2020 ADB CWSSP PRF	5,000,000	89,974	89,974	0	4,910,026	0	5,000,000	-89,974
Total	6,220,698	936,536	936,536	0	5,284,162	837,418	5,383,280	-99,118

Graph Showing Feeder Loads in kW – June 2020



Graph Showing Generation Output in kW – June 2020

