

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2022 – October 2021



Issued: October 2021

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Oct 21 US\$	FY2022	US\$/kWh Sold			
			Oct-21	FY2022	Oct-21	FY2022
Revenue	633,541	633,541	0.500	0.500	0.442	0.442
Variable Costs	318,993	318,993	0.252	0.252	0.223	0.223
Fixed Costs	197,012	197,012	0.155	0.155	0.138	0.138
Total Expenses	516,005	516,005	0.407	0.407	0.360	0.360
Operating result	117,536	117,536	0.093	0.093	0.082	0.082
Power generation	1,431,785	1,431,785				
<i>Diesel</i>	1,367,115	1,367,115				
<i>Solar</i>	64,670	64,670				
<i>Solar PV as % of Total Generation</i>	4.5%	4.5%				
<i>Avoided Cost of Fuel - US\$</i>	14,169	14,169				
<i>Tons of CO2 Avoided</i>	44.4	44.4				
Government Sales	222,353	222,353	Feeder		Oct-21	FY2022
Commercial Sales	532,045	532,045	F1		306,893	306,893
Residential Sales	428,060	428,060	F2		125,297	125,297
Intercompany Sales	85,852	85,852	F3		440,458	440,458
Sales Accrual	0	0	F4		427,082	427,082
Total Sales	1,268,310	1,268,310	F5		117,731	117,731
Power Loss	11.4%	11.4%	Total		1,417,461	1,417,461
Operating ratio	0.82	0.00				
Water Produced - Gallons	19,598,800	19,598,800				
Water Sold - Gallons	7,938,345	7,938,345				
Non Revenue Water	59.5%	59.5%				

Daily generated output in October was 46,187 kWh/day an increase of 2.2% on September. Average daily sales were 40,913 kWh/day – 0.6% lower than September. Total power loss was 11.4% in October. The total power loss for FY2024 YTD is 11.4%.

Average fuel efficiency for October was 14.71 kWh/gallon a decrease of 0.23 kWh/gallon on September – the decrease was due to a fuel leakage incident which has been investigated and reported on separately.

The split of power users for total sales in October was as follows:

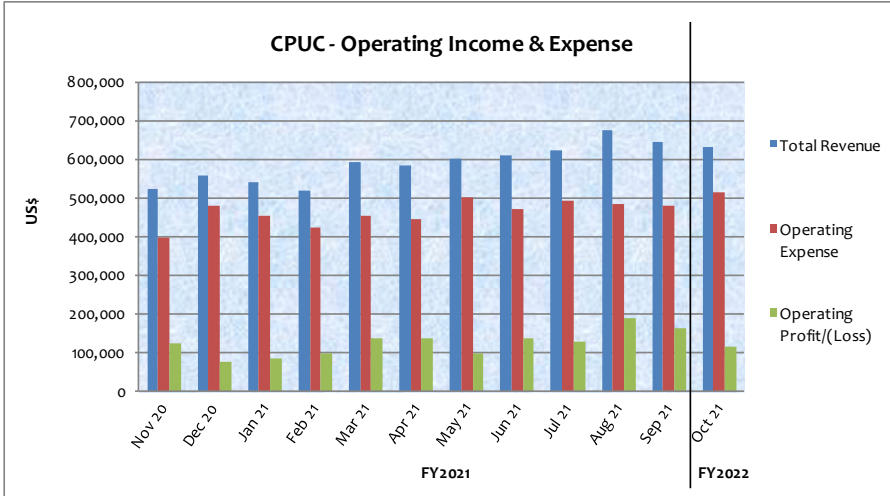
Government – 17.5%; Commercial – 41.9%; Residential – 33.8%; Intercompany – 6.8 %; Accrual - 0.0%;

Solar PV generation in October 2021 was 64,670 kWh or 4.5 % of total generation. The avoided cost of fuel was US\$14,169 and the amount of Carbon Dioxide avoided was 44.4 tons.

The operating result for October 2021 is US\$117,536 before interest and depreciation; with an operating ratio of 0.82.

The NRW in October was 59.5% this is a significant increase on the September figures – further investigation into the cause will be carried out in order to put measures in place to reduce NRW.

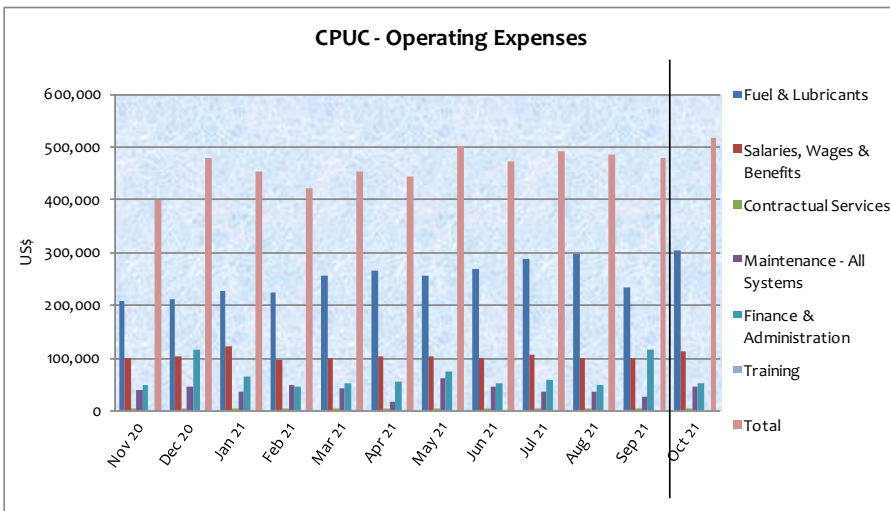
1 FINANCIAL PERFORMANCE GRAPHS



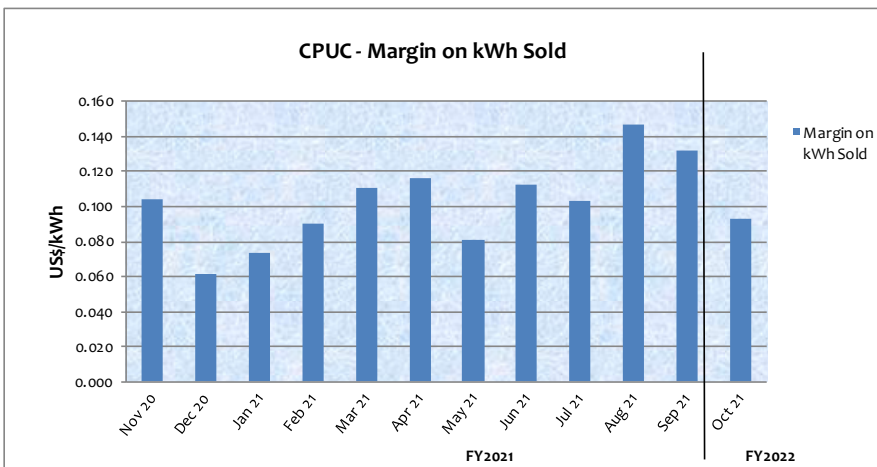
1.1 Key Points:

Operating income for October 2021 – US\$ 117,536

Operating ratio: YTD 0.82;

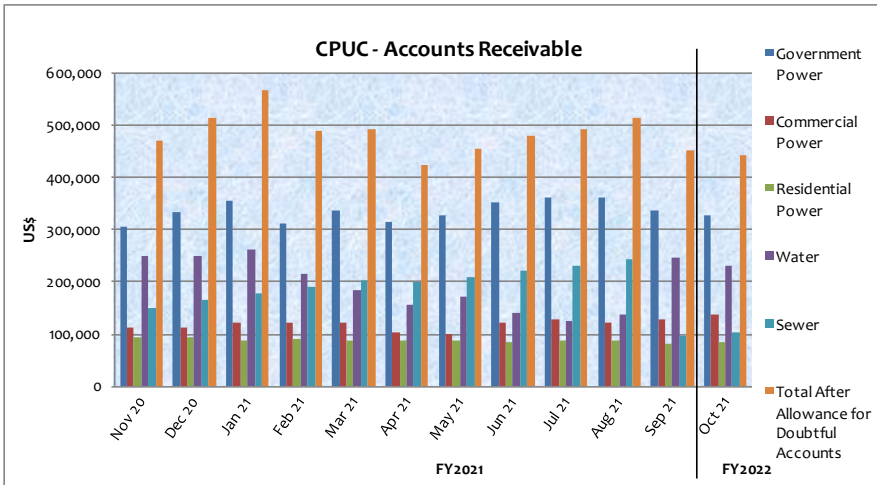


1.2 Key Points:

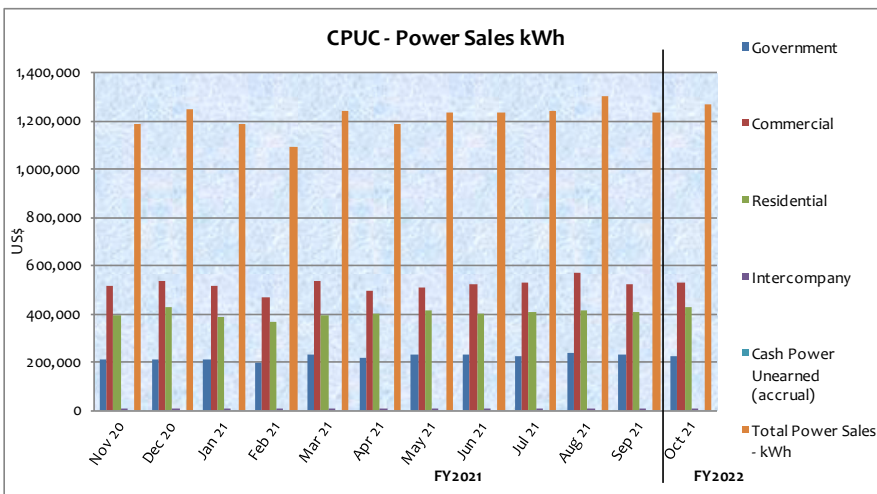


1.3 Key Points:

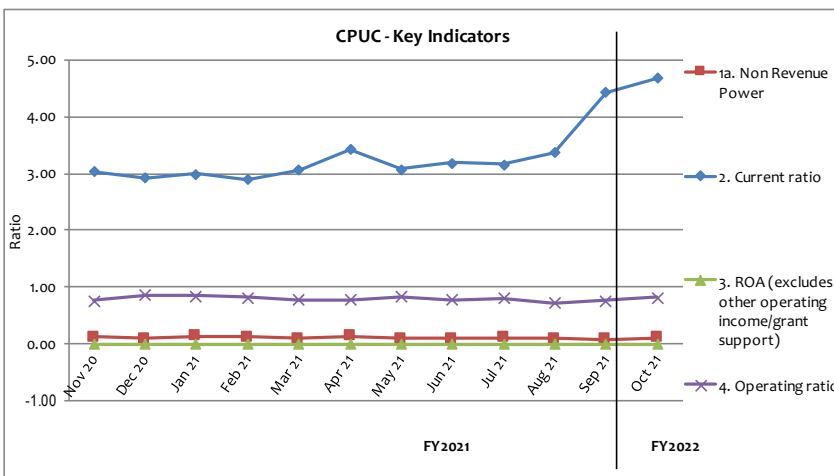
October US\$0.093/ kWh sold.



1.4 Key Points:

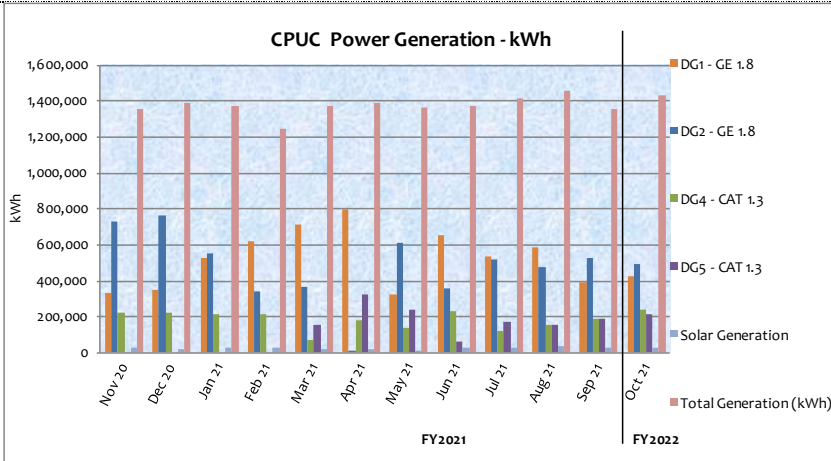


1.5 Key Points:

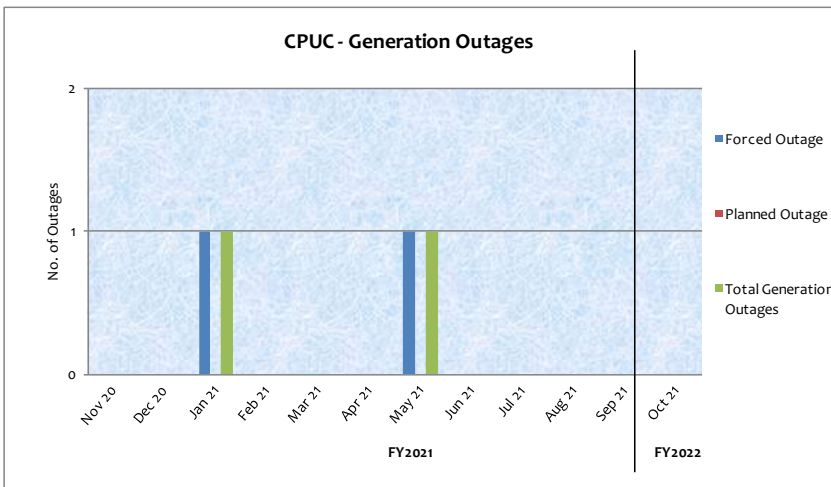


1.6 Key Points:

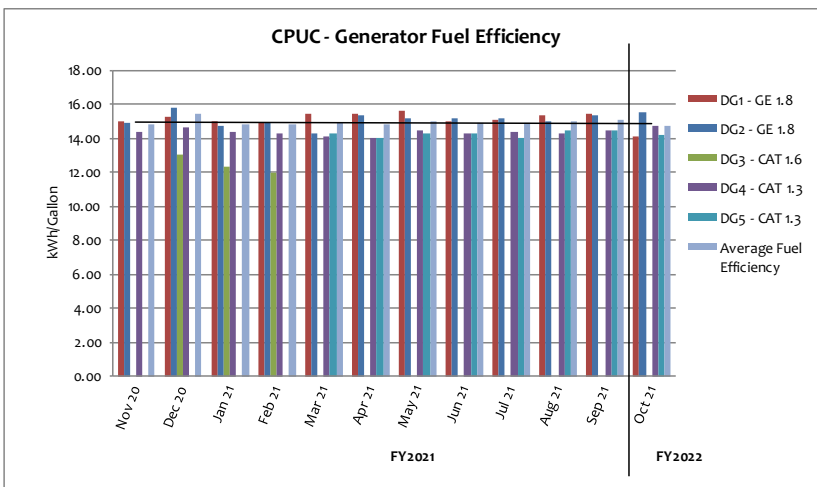
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

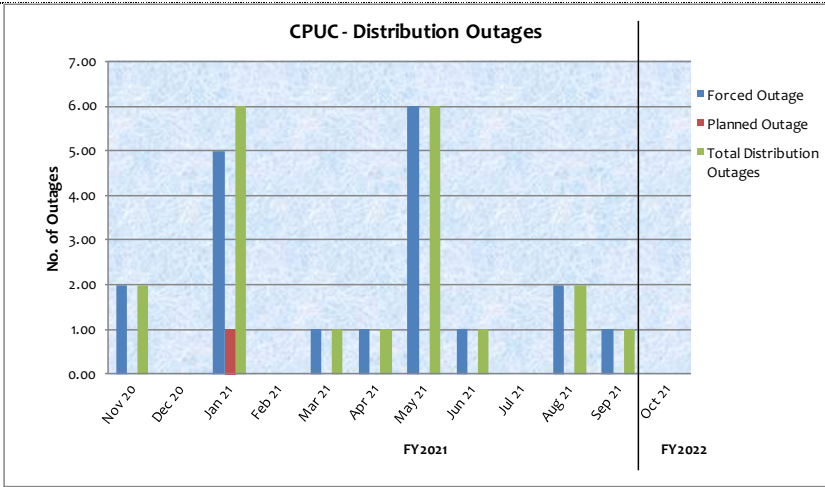


2.2 Key Points:

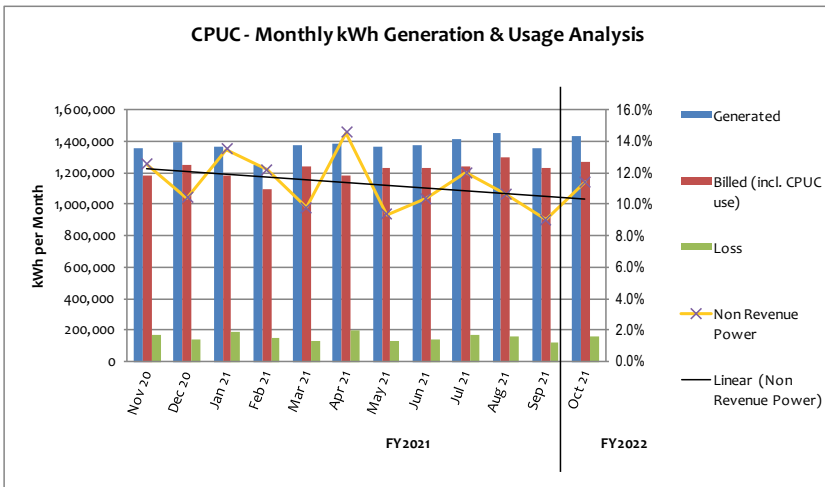


2.3 Key Points:

Avg fuel efficiency
October 2021 - 14.71
kWh/gall.

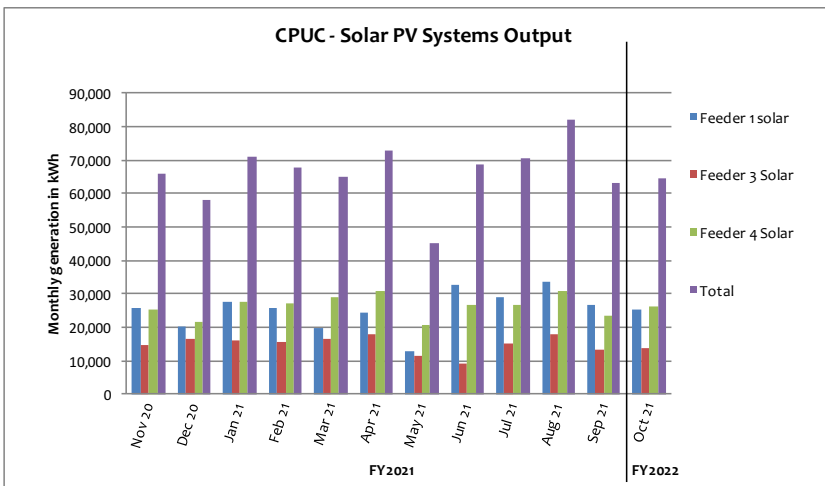


2.4 Key Points



2.5 Key Points:

Power loss for October 2021 – 11.24%;



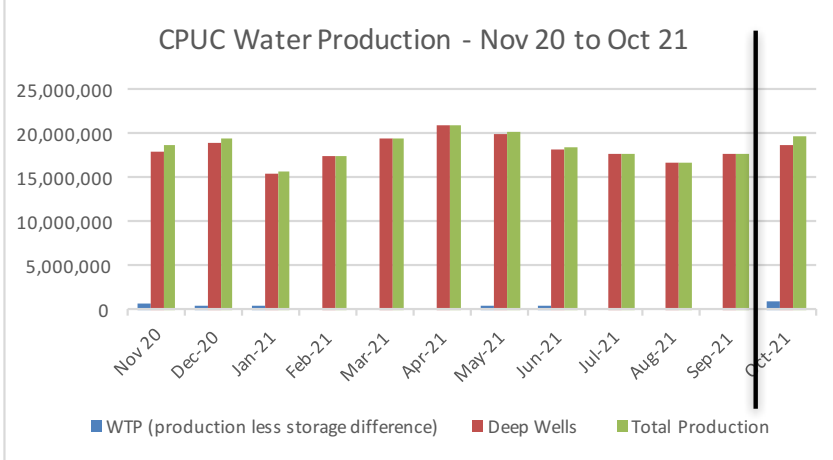
2.6 Key Points:

Solar PV accounted for 4.5% of CPUC generation in October 2021;

The avoided cost of fuel was US\$14,169; and

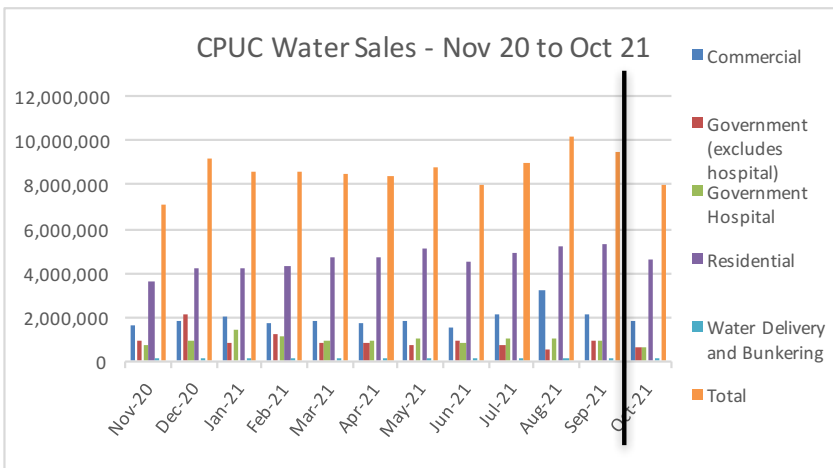
Avoided Tons of CO₂ was 44.4 Tons;

3 WATER PERFORMANCE GRAPHS

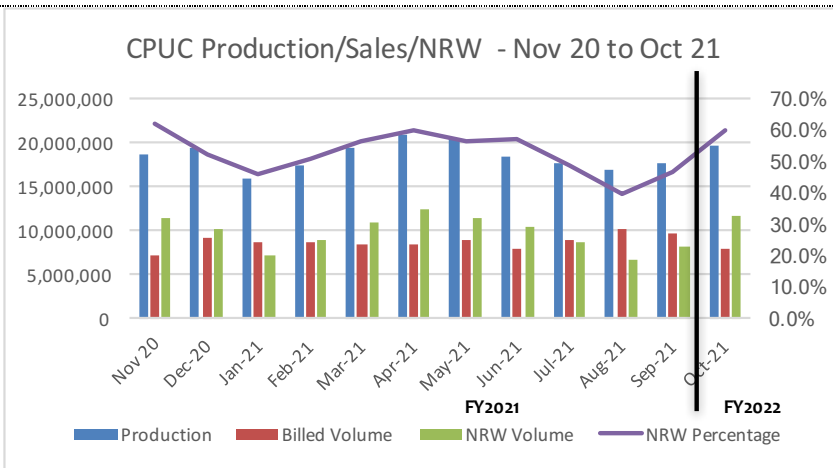


1 Key Points:

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 – November 2020 – October 2021

Revenue - US\$	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Operating revenue:													
a. Power Sales	472,881	500,309	487,577	463,646	539,283	526,584	547,964	556,429	570,175	606,046	570,077	585,817	585,817
b. Water Sales	31,002	35,509	33,840	34,196	32,411	32,479	31,970	30,187	31,130	40,288	43,594	30,155	30,155
c. Sewer Sales	13,585	18,371	16,286	16,680	15,410	14,774	15,078	14,474	13,125	20,503	16,460	13,196	13,196
d. Other operating revenue	6,108	2,963	3,721	5,942	4,763	8,872	5,541	9,823	8,746	8,932	12,789	4,373	4,373
Revenue - Total	523,576	557,151	541,425	520,464	591,867	582,708	600,552	610,912	623,176	675,769	642,921	633,541	633,541
Expenses - US\$													
Fuel & Lubricants	206,767	210,060	226,924	224,429	255,014	265,459	257,234	268,726	287,773	296,241	234,123	303,659	303,659
Salaries, Wages & Benefits	99,347	103,550	123,549	97,362	101,375	102,457	102,120	101,506	105,307	99,256	99,928	111,197	111,197
Contractual Services	3,599	3,662	4,669	3,557	3,575	3,441	4,042	3,744	3,510	3,687	3,641	2,590	2,590
O&M - Power Generation	13,244	22,680	13,912	13,576	9,389	6,224	38,140	23,400	10,921	10,789	7,969	12,062	12,062
O&M - Power Distribution	6,798	4,190	2,564	6,607	15,935	5,608	5,982	4,441	5,129	8,179	4,811	5,268	5,268
O&M - Water	2,316	4,592	4,135	2,869	3,183	3,109	2,641	3,398	4,331	2,887	4,489	5,007	5,007
O&M - Sewer	0	0	21	5,557	3,018	657	0	30	0	0	264	2,239	2,239
Finance & Administration Overheads	33,600	97,260	46,268	30,861	33,440	37,082	52,244	32,991	38,889	29,678	96,420	30,784	30,784
Vehicle & Eq. Fuel	17,504	15,047	14,958	21,812	10,649	2,956	15,228	14,053	17,240	16,070	9,293	21,955	21,955
CPUC Power Usage (incl. in O&M from Oct 15)	16,416	18,981	17,174	15,511	19,303	18,347	22,365	19,903	20,202	18,557	19,366	21,243	21,243
Tonoas Power Usage	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonoas Distribution Expense	0	0	0	0	0	0	0	0	0	0	0	0	0
Support to Energy Office	0	0	0	0	0	0	0	0	1,290	0	0	0	0
Training	0	0	0	0	0	0	0	0	0	0	0	0	0
Expense - Total	399,591	480,021	454,174	422,141	454,882	445,339	499,996	472,194	494,592	485,343	480,305	516,005	516,005
Operating Income/(Loss)	123,985	77,130	87,251	98,323	136,985	137,370	100,556	138,719	128,584	190,426	162,616	117,536	117,536
Non-Cash Expenses - US\$													
Depreciation	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	127,459	127,459
Interest Expense	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,190	4,190
Non-Cash Expense - Total - US\$	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	131,648	131,648
Net Income/(Loss) - excluding grant support - US\$	-2,026	-48,881	-38,760	-27,688	10,974	11,359	-25,455	12,708	2,573	64,416	36,605	-14,113	-14,113
Non-operating Income (Grant Support) - US\$	12	18	4	20	0	0	20	-20	2	733	2	1,661	1,661
Net Income/(Loss) - including grant support - US\$	-2,014	-48,863	-38,756	-27,668	10,974	11,359	-25,434	12,688	2,575	65,149	36,607	-12,451	-12,451

Financial Table 2 Cash Flow and A/R Report – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022YTD
Cash Flow Report - US\$													
Receipts	430,573	462,753	626,676	471,664	679,683	487,859	539,090	765,900	471,910	522,537	672,570	560,267	560,267
Disbursements	424,751	432,711	811,484	331,042	594,146	378,089	389,889	838,942	491,245	530,312	890,806	698,296	698,296
Net receipts/Disbursements	5,822	30,043	-184,808	140,622	85,537	109,770	149,201	-73,042	-19,335	-7,774	-218,236	-138,030	-138,030
Cash balance (beginning)	1,088,052	1,093,874	1,123,917	939,109	1,079,731	1,165,268	1,275,038	1,424,239	1,351,197	1,331,862	1,324,087	1,508,565	1,508,565
Cash balance (end)	1,093,874	1,123,917	939,109	1,079,731	1,165,268	1,275,038	1,424,239	1,351,197	1,331,862	1,324,087	1,105,851	1,370,535	1,370,535
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
Cash in Banks (Bank Overdraft)	1,092,180	1,122,223	937,416	1,078,037	1,163,574	1,273,345	1,422,545	1,349,504	1,330,168	1,322,394	1,104,158	1,368,841	1,368,841
Stocks	1,126,102	1,216,268	1,132,596	1,129,203	1,118,772	1,127,423	1,133,452	1,184,844	1,178,988	1,168,505	1,230,389	1,216,722	1,216,722
Trade Receivable	471,736	515,392	567,736	490,703	493,298	425,420	455,138	482,108	492,326	516,334	451,544	442,642	442,642
Prepaid Lease	241,498	239,436	237,374	235,313	233,251	231,189	229,127	227,065	225,003	222,942	220,880	218,818	218,818
Collateral with Vital Inc.	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	1,095,179	1,186,996	1,153,060	1,156,165	1,132,586	1,075,256	1,171,500	1,158,208	1,179,136	1,127,849	876,291	958,158	958,158
Loans Payable	3,505,851	3,505,955	3,367,726	3,368,011	3,372,214	3,376,417	3,380,620	3,384,823	3,248,011	3,252,214	3,256,416	3,283,623	3,283,623
Total Accounts Receivable (to date) - US\$													
Government Power	304,663	334,748	356,338	313,378	337,942	315,469	327,016	352,728	362,332	363,428	337,434	327,286	327,286
Commercial Power	112,001	111,529	121,906	120,573	120,942	104,512	100,083	121,068	127,191	122,115	128,825	137,476	137,476
Residential Power	95,261	93,757	88,849	89,555	86,786	87,956	86,857	85,920	86,561	88,922	81,395	84,078	84,078
Water	249,280	250,363	263,219	216,984	185,467	157,769	170,701	141,064	125,715	138,148	245,813	230,417	230,417
Sewer	149,902	164,366	176,795	189,585	201,533	199,086	209,853	220,699	229,898	243,093	97,448	102,756	102,756
Allowance for Doubtful	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371
Total	471,736	515,392	567,736	490,703	493,298	425,420	455,138	482,108	492,326	516,334	451,544	442,642	442,642

Financial Table 3 Power Sales Report – November 2020 – October 2021

Power Sales Report	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	59,304	61,088	60,738	50,006	67,919	67,386	66,937	67,861	70,065	75,819	71,719	71,209	71,209
Government - Pre Paid (Cash Power)	27,953	27,228	29,975	37,247	36,071	32,788	38,237	38,589	40,147	40,147	38,975	35,361	35,361
Government Streetlights	2,940	3,038	3,038	2,744	3,038	2,842	3,038	2,940	3,038	3,038	2,940	3,038	3,038
Solar	2,680	2,680	2,680	2,680	2,680	2,680	2,680	5,815	3,725	3,725	3,725	3,725	3,725
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	92,877	94,035	96,432	92,677	109,709	105,697	110,892	115,205	114,368	122,729	117,359	113,333	113,333
Commercial - Post Paid	138,348	149,142	149,704	136,427	157,957	148,441	152,362	160,522	161,562	173,213	160,490	165,575	165,575
Commercial - Pre Paid (Cashpower)	73,872	73,493	70,482	68,744	84,501	82,041	83,686	84,463	91,046	103,320	89,929	91,201	91,201
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	212,220	222,635	220,186	205,172	242,458	230,483	236,048	244,985	252,608	276,533	250,419	256,776	256,776
Residential - Post Paid	2,061	2,449	1,398	2,551	2,088	2,622	2,645	2,431	2,969	2,995	3,588	6,148	6,148
Residential - Pre Paid (Cashpower)	134,553	146,746	138,888	136,074	149,175	154,594	159,306	159,404	165,235	162,284	161,503	166,827	166,827
Residential Scratch Card Sales	14,754	15,463	13,499	11,661	16,550	14,841	17,979	14,522	14,793	22,948	17,842	21,490	21,490
Residential Total	151,368	164,658	153,786	150,286	167,813	172,057	179,930	176,357	182,997	188,228	182,933	194,464	194,464
Trade Power Sales Total	456,465	481,328	470,403	448,135	519,980	508,237	526,870	536,547	549,973	587,490	550,711	564,574	564,574
Intercompany - CPUC Office	1,608	1,453	1,343	1,065	1,410	1,456	1,437	1,677	1,602	1,635	1,498	1,479	1,479
Intercompany - CPUC Power Operation	3,168	1,731	1,873	2,281	4,115	4,169	4,034	4,359	4,506	4,512	4,053	4,430	4,430
Intercompany - CPUC Water Operations	5,642	5,714	5,066	4,923	5,427	5,164	5,642	4,996	5,044	5,020	4,852	5,134	5,134
Intercompany - CPUC Sewer Operations	5,998	10,083	8,891	7,242	8,351	7,558	9,980	8,851	9,050	7,390	8,963	10,200	10,200
Cash Power UnEarned	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Power Sales - US\$	472,881	500,309	487,577	463,646	539,283	526,584	547,964	556,429	570,175	606,046	570,077	585,817	585,817
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	136,226	140,832	136,761	109,201	144,472	140,316	138,964	139,258	141,323	150,692	143,182	141,829	141,829
Government - Pre Paid (Cash Power)	64,392	62,250	66,820	80,831	76,245	67,940	79,067	79,125	75,457	79,751	77,779	70,147	70,147
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	10,377
Solar	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
Government Total	210,996	213,459	213,958	200,409	231,094	218,634	228,408	228,760	227,156	240,820	231,338	222,353	222,353
Commercial - Post Paid	334,850	358,333	349,808	309,427	347,859	319,902	327,591	340,920	337,420	357,934	333,977	343,652	343,652
Commercial - Pre Paid (Cashpower)	178,392	176,074	164,448	155,954	186,495	177,349	180,514	180,592	190,672	213,737	186,923	188,393	188,393
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	513,242	534,407	514,256	465,381	534,354	497,251	508,105	521,513	528,092	571,671	520,901	532,045	532,045
Residential - Post Paid	5,436	6,330	3,543	6,189	4,894	6,048	6,089	5,506	6,622	6,599	7,994	13,729	13,729
Residential - Pre Paid (Cashpower)	350,308	378,796	351,115	331,241	352,576	357,360	367,403	364,186	369,240	357,928	358,021	367,380	367,380
Residential Scratch Card Sales	38,602	39,410	33,919	29,223	38,484	33,979	41,027	32,777	32,761	50,065	39,207	46,952	46,952
Residential Total	394,347	424,536	388,577	366,653	395,955	397,386	414,519	402,470	408,623	414,592	405,222	428,060	428,060
Trade Power Sales Total	1,118,584	1,172,403	1,116,791	1,032,443	1,161,402	1,113,271	1,151,032	1,152,742	1,163,871	1,227,082	1,157,460	1,182,458	1,182,458
Intercompany - CPUC Office	5,438	5,767	5,330	4,228	5,596	5,778	5,704	6,653	6,358	6,488	5,943	6,796	6,796
Intercompany - CPUC Power Operation	6,998	6,870	7,434	9,050	16,330	16,544	16,009	17,297	17,879	17,906	16,085	17,721	17,721
Intercompany - CPUC Water Operations	24,821	22,674	20,105	19,535	21,535	20,491	22,388	19,826	20,017	19,919	19,255	20,535	20,535
Intercompany - CPUC Sewer Operations	30,860	40,011	35,281	28,740	33,140	29,992	39,603	35,122	35,912	29,325	35,567	40,800	40,800
Cash Power Unearned (accrual)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Power Sales - kWh	1,186,701	1,247,725	1,184,941	1,093,996	1,238,003	1,186,076	1,234,736	1,231,640	1,244,037	1,300,720	1,234,310	1,268,310	1,268,310

Financial Table 4 Water Sales Report – November 2020 – October 2021

Water/Sewer Sales Report	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	8,522	15,563	11,467	10,212	9,544	8,982	9,275	9,050	4,674	8,858	10,090	7,091	7,091
Commercial	7,071	7,864	9,087	9,979	7,995	8,209	8,610	8,396	10,364	16,641	10,798	9,612	9,612
Residential	9,726	10,989	11,428	11,228	12,215	12,091	13,033	11,001	12,711	12,676	13,351	9,311	9,311
Provision for Billing Errors	0	0	0	0	0	0	1,052	1,739	3,381	2,114	9,355	4,141	4,141
Total	25,320	34,417	31,982	31,419	29,754	29,283	31,970	30,187	31,130	40,288	43,594	30,155	30,155
Sewer Sales - US\$													0
Government	4,238	7,775	5,712	5,055	4,742	4,423	4,572	4,427	1,865	4,337	5,017	3,474	3,474
Commercial	6,610	6,983	7,154	8,091	7,055	6,886	6,929	6,540	7,653	11,316	7,623	6,541	6,541
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	2,737	3,613	3,420	3,534	3,613	3,466	3,577	3,507	3,607	4,850	3,821	3,180	3,180
Residential with No Water	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
Sewer Sales	13,585	18,371	16,286	16,680	15,410	14,774	15,078	14,474	13,125	20,503	16,460	13,196	13,196
Total Water & Sewer Sales	38,905	52,788	48,267	48,099	45,164	44,057	47,048	44,660	44,256	60,791	60,054	43,351	43,351
Water Sales - Gallons													0
Government	1,702,040	3,032,300	2,232,460	2,344,780	1,849,460	1,803,460	1,800,120	1,784,910	1,796,311	1,624,928	1,859,704	1,320,886	1,320,886
Commercial	1,675,310	1,855,850	1,985,650	1,760,580	1,868,400	1,740,080	1,842,190	1,581,190	2,177,820	3,221,784	2,171,407	1,804,000	1,804,000
Residential	3,589,807	4,227,111	4,254,744	4,289,227	4,700,504	4,714,557	5,090,708	4,520,689	4,957,436	5,161,402	5,310,746	4,659,459	4,659,459
Water Delivery & Bunkering	104,000	69,000	85,500	154,000	88,000	105,000	81,500	98,000	72,000	138,000	180,000	154,000	154,000
Total	7,071,157	9,184,261	8,558,354	8,548,587	8,506,364	8,363,097	8,814,518	7,984,789	9,003,567	10,146,114	9,521,857	7,938,345	7,938,345

Financial Table 5 Key Performance Indicators – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
1a. Non Revenue Power	12.5%	10.4%	13.5%	12.2%	9.8%	14.6%	9.3%	10.3%	12.0%	10.6%	9.0%	11.4%	11.4%
Total Power Generated - kWh	1,356,863	1,392,532	1,369,690	1,245,897	1,372,088	1,388,190	1,361,714	1,373,673	1,413,540	1,455,656	1,356,302	1,431,785	1,431,785
Total Power Billed - kWh	1,186,701	1,247,725	1,184,941	1,093,996	1,238,003	1,186,076	1,234,736	1,231,640	1,244,037	1,300,720	1,234,310	1,268,310	1,268,310
Generation Loss (actual from Jun 17)	12,436	12,637	12,764	13,278	12,999	12,662	12,933	13,530	14,156	14,269	12,786	14,324	14,324
Distribution Loss Derived - kWh	123,804	97,357	137,743	107,476	86,783	154,748	80,002	94,161	120,009	104,275	75,298	113,356	113,356
Commercial Loss (assumed 2.5%) - kWh	33,922	34,813	34,242	31,147	34,302	34,705	34,043	34,342	35,339	36,391	33,908	35,795	35,795
Total Loss - kWh	170,162	144,807	184,749	151,901	134,085	202,114	126,978	142,033	169,503	154,936	121,992	163,475	163,475
Distribution loss %	9.1%	7.0%	10.1%	8.6%	6.3%	11.1%	5.9%	6.9%	8.5%	7.2%	5.6%	7.9%	7.9%
1b. Non Revenue Water	64.3%	52.4%	45.7%	51.0%	56.1%	61.2%	56.6%	56.7%	48.8%	39.6%	46.3%	59.5%	59.5%
Water Produced (million gallons)	19.78	19.31	15.76	17.46	19.39	21.53	20.29	18.45	17.57	16.79	17.74	19.60	19.60
Water Billed (million gallons)	7.07	9.18	8.56	8.55	8.51	8.36	8.81	7.98	9.00	10.15	9.52	7.94	8
2. Current ratio	3.04	2.92	2.99	2.90	3.07	3.43	3.07	3.19	3.16	3.37	4.43	4.68	4.68
	2.79	2.74	2.74	2.77	2.96	3.12	2.77	3.03	2.88	3.15	3.87	4.07	4.07
	11.92	8.39	10.34	10.07	8.81	8.13	7.56	6.99	5.74	7.13	17.04	28.40	28.40
	3.27	2.95	3.91	4.26	4.95	5.59	5.00	6.01	5.83	7.34	1.17	4.58	4.58
3. ROA (excludes other operating income/grant support)	-0.01%	-0.18%	-0.15%	-0.10%	0.04%	0.04%	-0.10%	0.05%	0.01%	0.25%	0.14%	-0.05%	-0.052%
Power Business	0.15%	0.00%	0.00%	0.03%	0.22%	0.19%	0.06%	0.24%	0.23%	0.42%	0.36%	0.21%	0.209%
Water Business	-0.33%	-0.76%	-0.43%	-0.09%	-0.18%	0.00%	-0.25%	-0.21%	-0.35%	0.18%	0.03%	-0.48%	-0.482%
Sewer Business	-0.67%	-0.87%	-0.72%	-0.74%	-0.70%	-0.61%	-0.76%	-0.67%	-0.77%	-0.50%	-0.81%	-0.94%	-0.935%
4. Operating ratio	0.77	0.87	0.84	0.82	0.77	0.78	0.84	0.79	0.80	0.73	0.76	0.82	0.82
Power Business	0.72	0.79	0.78	0.76	0.72	0.73	0.79	0.74	0.75	0.70	0.71	0.75	0.75
Water Business	1.02	1.21	1.07	0.92	0.97	0.91	1.06	1.04	1.12	0.76	0.90	1.20	1.20
Sewer Business	2.17	2.34	2.20	2.19	2.21	2.00	2.36	2.20	2.62	1.47	2.37	2.87	2.87
5. Days in Accounts Receivable	27.35	28.83	32.73	29.56	26.05	22.24	23.71	24.06	24.84	24.00	21.50	21.81	21.81
Power Business	16.72	18.07	20.26	18.40	17.09	14.79	15.03	16.79	17.82	16.68	15.75	29.04	29.04
Water Business	123.27	112.16	129.47	86.20	60.81	33.14	47.33	19.05	3.81	12.51	85.28	236.87	236.87
Sewer Business	178.41	160.74	204.97	223.91	266.38	263.92	289.37	314.19	379.75	263.05	51.64	241.40	241.40

Financial Table 6 – CPUC Performance Against Budget YTD October 2021

CPUC - WHOLE BUSINESS INCOME STATEMENT	FY 2022	Budget YTD	Actual YTD	Variance YTD	Variance %
REVENUE					
Power Operating Revenue	\$7,332,864	\$611,072	\$585,817	-\$25,255	-4.1%
Water Operating Revenue	\$342,564	\$28,547	\$30,155	\$1,608	5.6%
Sewerage Operating Revenue	\$178,109	\$14,842	\$13,196	-\$1,647	-11.1%
TOTAL OPERATING REVENUE	\$7,853,537	\$654,461	\$629,168	-\$25,293	-3.9%
Other Revenue					
Power	\$7,713	\$643	\$3,184	\$2,541	395.4%
Water	\$1,811	\$151	\$849	\$698	462.3%
Sewer	\$0	\$0	\$340	\$340	-
OTHER REVENUE TOTAL	\$9,524	\$794	\$4,373	\$3,579	451.0%
TOTAL OPERATING REVENUE	\$7,863,061	\$655,255	\$633,541	-\$21,714	-3.3%
EXPENDITURE					
Power Variable Cost	\$3,569,429	\$297,452	\$303,659	\$6,207	2.1%
Power Fixed Cost	\$1,796,101	\$149,675	\$138,288	-\$11,387	-7.6%
Water Variable Cost	\$69,348	\$5,779	\$5,134	-\$645	-11.2%
Water Fixed Cost	\$382,662	\$31,888	\$30,988	-\$900	-2.8%
Sewer Variable Cost	\$112,444	\$9,370	\$10,200	\$830	8.9%
Sewer Fixed Cost	\$341,068	\$28,422	\$27,736	-\$687	-2.4%
TOTAL OPERATING EXPENSE	\$6,271,052	\$522,588	\$516,005	-\$6,583	-1.3%
OPERATING INCOME					
Operating Income Power	\$1,975,047	\$164,587	\$147,054	-\$17,533	-10.7%
Operating Income Water	-\$107,635	-\$8,970	-\$5,118	\$3,851	-42.9%
Operating Income Sewer	-\$275,403	-\$22,950	-\$24,400	-\$1,450	6.3%
OPERATING INCOME (Excl Int & Deprec.)	\$1,592,009	\$132,667	\$117,536	-\$15,132	-11.4%
INTEREST					
Interest Power	\$50,275	\$4,190	\$4,190	\$0	0.0%
Interest Water	\$0	\$0	\$0	\$0	0.0%
Interest Sewer	\$0	\$0	\$0	\$0	0.0%
TOTAL INTEREST	\$50,275	\$4,190	\$4,190	\$0	0.0%
DEPRECIATION					
Depreciation Power	\$1,222,551	\$101,879	\$101,879	\$0	0.0%
Depreciation Water	\$127,776	\$10,648	\$10,648	\$0	0.0%
Depreciation Sewer	\$179,179	\$14,932	\$14,932	\$0	0.0%
TOTAL DEPRECIATION	\$1,529,506	\$127,459	\$127,459	\$0	0.0%
Depreciation as % of Revenue	18.3%	19.5%	20.1%	0.7%	3.4%
OPERATING INCOME (Incl. Int. & Deprec.)					
Total Operating Income Power	\$702,221	\$58,518	\$40,985	-\$17,533	-30.0%
Total Operating Income Water	-\$235,411	-\$19,618	-\$15,766	\$3,851	-19.6%
Total Operating Income Sewer	-\$454,582	-\$37,882	-\$39,331	-\$1,450	3.8%
TOTAL OPERATING INCOME (Incl. Int & Deprec.)	\$12,228	\$1,019	-\$14,113	-\$15,132	-1484.9%

Power Table 1 Power Operation Indicators – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Generation Statistics													
Diesel Generation - kWh	1,291,189	1,334,441	1,298,682	1,178,026	1,306,897	1,315,420	1,316,755	1,305,008	1,342,856	1,373,417	1,293,174	1,367,115	1,367,115
Peak Generation - kW	2,684	2,709	2,757	2,579	2,622	2,678	2,624	2,718	2,665	2,822	2,719	2,723	2,723
Fuel Consumption - Gallons	87,098	86,339	87,734	79,671	87,843	88,496	87,706	87,587	90,114	91,563	85,461	92,959	92,959
Average Fuel Price (\$/Gallon)	2.32	2.38	2.53	2.67	2.85	2.93	2.93	3.03	3.15	3.19	3.14	3.22	3.22
Load Factor (%)	70%	71%	68%	66%	72%	71%	71%	70%	73%	71%	69%	72%	70%
Capacity Factor (%)	48%	48%	49%	46%	47%	48%	47%	49%	48%	50%	49%	49%	37%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Reserve Plant Margin (%)	191%	188%	183%	202%	197%	191%	197%	187%	193%	176%	187%	186%	186%
Solar PV Generation - kWh	65,674	58,091	71,008	67,871	65,191	72,770	44,959	68,665	70,684	82,239	63,128	64,670	64,670
Solar Generation %	4.8%	4.2%	5.2%	5.4%	4.8%	5.2%	3.3%	5.0%	5.0%	5.6%	4.7%	4.5%	4.5%
Peak PV Generation -kW	479	410	501	479	460	513	317	485	499	580	445	456	456
Avoided Fuel - Gallons	4,430	3,759	4,797	4,590	4,382	4,896	2,995	4,609	4,743	5,483	4,172	4,397	4,397
Avoided Cost of Fuel - US\$	10,265	8,928	12,136	12,256	12,475	14,364	8,783	13,959	14,930	17,491	13,111	14,169	14,169
Tons of CO2 avoided	44.7	38.0	48.4	46.4	44.3	49.4	30.2	46.5	47.9	55.4	42.1	44.4	44.4
Labour Productivity (kWh/Emp/d)	1,441	1,489	1,449	1,315	1,459	1,468	1,470	1,456	1,499	1,533	1,443	1,526	1,378
SFOC (kWh/gal)	14.82	15.46	14.80	14.79	14.88	14.86	15.01	14.90	14.90	15.00	15.13	14.71	14.71
DG1 - GE 1.8	15.01	15.24	15.00	14.89	15.44	15.47	15.64	15.02	15.12	15.33	15.45	14.08	14.08
DG2 - GE 1.8	14.87	15.83	14.78	14.95	14.26	15.32	15.14	15.17	15.14	15.01	15.39	15.53	15.53
DG3 - CAT 1.6	0.00	13.00	12.30	12.00	-	-	-	-	-	-	-	-	-
DG4 - CAT 1.3	14.41	14.65	14.40	14.30	14.09	14.01	14.45	14.34	14.34	14.30	14.49	14.72	14.72
DG5 - CAT 1.3	0.00	0.00	0.00	0.00	14.30	14.01	14.26	14.28	13.99	14.50	14.45	14.21	14.21
SLOC (kWh/gal)	2,076	6,416	4,046	1,915	2,368	2,685	1,784	5,000	4,830	6,509	1,478	5,382	5,382
DG1 - GE 1.8	5,432	3,367	4,088	1,491	4,463	6,153	893	4,330	5,110	4,388	1,225	4,149	4,149
DG2 - GE 1.8	1,572	7,240	5,747	3,289	1,223	35	3,280	25,397	6,574	6,109	1,441	8,605	8,605
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	2,352	0	2,246	2,238	778	1,879	1,473	2,409	0	0	1,991	2,520	2,520
DG5 - CAT 1.3	0	0	0	0	0	0	2,540	0	1,836	0	1,957	0	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	1	1
Forced Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Planned Outage Factor (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Distribution													
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	25.2%	25.5%	25.9%	24.3%	24.7%	25.2%	24.7%	25.6%	25.1%	26.5%	25.6%	25.6%	25.6%
Distribution Losses (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
SAIDI (hours/consumer)	0.06	0.00	0.04	0.00	0.06	0.03	0.07	0.03	0.00	0.13	0.03	0.00	0.00
SAIFI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Average Cost (\$/kWh)	0.149	0.147	0.162	0.171	0.182	0.187	0.189	0.193	0.201	0.201	0.198	0.209	0.209

Power Table 2 Power Generation Statistics – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Generation - Engine Output (kWh)													
DG1 - GE 1.8	336,812	346,807	531,439	620,314	714,067	799,848	322,213	658,088	531,487	583,542	390,767	423,183	423,183
DG2 - GE 1.8	730,886	760,245	551,693	342,023	363,297	9,293	613,330	355,561	519,333	476,480	527,342	490,470	490,470
DG3 - CAT 1.6	13	2,952	2,152	3,085	0	6,142	68	29	0	0	0	0	0
DG4 - CAT 1.3	223,478	224,437	213,398	212,604	73,895	178,479	139,889	228,810	117,606	159,033	189,145	239,398	239,398
DG5 - CAT 1.3	0	0	0	0	155,638	321,658	241,255	62,520	174,430	154,362	185,920	214,064	214,064
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,291,189	1,334,441	1,298,682	1,178,026	1,306,897	1,315,420	1,316,755	1,305,008	1,342,856	1,373,417	1,293,174	1,367,115	1,367,115
PP Solar F1	8,713	7,525	9,616	9,140	9,847	10,341	6,808	15,724	8,925	10,531	7,966	8,981	8,981
High School Solar F1	17,040	12,449	18,120	16,440	9,960	13,800	5,880	16,920	19,800	23,040	18,600	16,080	16,080
PP Solar F3	14,496	16,440	15,898	15,328	16,637	17,631	11,520	9,242	15,165	17,848	13,218	13,518	13,518
Airport Roof F4	5,200	4,500	5,700	5,500	5,500	5,800	3,800	4,300	4,800	5,600	4,500	5,300	5,300
Airport Carpark F4	14,541	12,189	15,554	15,409	16,677	18,161	12,034	16,326	15,784	18,099	13,527	15,230	15,230
WWTP F4	5,684	4,988	6,120	6,054	6,570	7,037	4,917	6,153	6,210	7,121	5,317	5,561	5,561
Solar PV Generation Total (kWh)	65,674	58,091	71,008	67,871	65,191	72,770	44,959	68,665	70,684	82,239	63,128	64,670	64,670
Total Generation (kWh)	1,356,863	1,392,532	1,369,690	1,245,897	1,372,088	1,388,190	1,361,714	1,373,673	1,413,540	1,455,656	1,356,302	1,431,785	1,431,785
Maximum Demand (kW)	2,684	2,709	2,757	2,579	2,622	2,678	2,624	2,718	2,665	2,822	2,719	2,723	2,723
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
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
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
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
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
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
Station Services (kWh)	6,998	6,870	7,434	9,050	16,330	16,544	16,009	17,297	17,879	17,906	16,085	17,721	17,721
Running Hours													
DG1 - GE 1.8	336	361	537	586	660	686	313	599	520	529	345	371	371
DG2 - GE 1.8	680	733	562	356	189	204	565	377	450	499	456	422	422
DG3 - CAT 1.6	0	4	4	5	0	13	0	0	1	0	0	0	0
DG4 - CAT 1.3	342	364	314	322	115	267	229	334	177	232	295	292	292
DG5 - CAT 1.3	0	0	0	0	222	417	337	95	287	209	465	293	293
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,358	1,462	1,417	1,269	1,186	1,587	1,444	1,405	1,435	1,469	1,561	1,378	1,378

Power Table 3 Fuel & Lube Oil Statistics November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Fuel Consumption (Gallons)													
DG1 - GE 1.8	22,444	22,755	35,423	41,667	46,243	51,713	20,601	43,805	35,154	38,059	25,287	30,046	30,046
DG2 - GE 1.8	49,140	48,033	37,320	22,877	25,471	606	40,502	23,445	34,295	31,736	34,258	31,577	31,577
DG3 - CAT 1.6	0	227	175	257	0	491	0	0	0	0	0	0	0
DG4 - CAT 1.3	15,514	15,324	14,816	14,870	5,245	12,735	9,684	15,960	8,202	11,122	13,049	16,267	16,267
DG5 - CAT 1.3	0	0	0	0	10,884	22,951	16,919	4,377	12,464	10,646	12,866	15,069	15,069
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	87,098	86,339	87,734	79,671	87,843	88,496	87,706	87,587	90,114	91,563	85,461	92,959	92,959
Average Fuel Price (\$/Gallon)	2.32	2.38	2.53	2.67	2.85	2.93	2.93	3.03	3.15	3.19	3.14	3.22	3.22
Lube Oil Consumption (Gallons)													
DG1 - GE 1.8	62	103	130	151	160	130	96	152	104	133	54	102	102
DG2 - GE 1.8	200	105	96	104	32	0	187	14	79	78	101	57	57
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0
DG5 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	262	208	226	255	192	130	283	166	183	211	155	159	159
Oil Change Log(75 Gal/Change)													
DG1 - GE 1.8	0	0	0	265	0	0	265	0	0	0	265	0	0
DG2 - GE 1.8	265	0	0	0	265	265	0	0	0	0	265	0	0
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	95	0	95	95	95	95	95	95	0	0	95	95	95
DG5 - CAT 1.3	0	0	0	0	0	0	95	0	95	0	95	0	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume(Gals)	360	0	95	360	360	360	455	95	95	0	720	95	95

Power Table 4 Distribution Feeder Statistics - November 2020 – October 2021

FEEDER STATISTICS	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022
Feeder 1 Load	368,310	373,042	371,506	333,359	385,947	395,757	383,301	388,106	384,430	405,154	374,979	306,893	306,893
Feeder 2 Load	119,827	121,997	116,516	104,666	114,879	118,793	118,484	119,513	125,783	122,157	116,254	125,297	125,297
Feeder 3 Load	431,468	443,861	433,994	402,707	431,940	429,231	408,751	418,538	438,745	462,271	421,576	440,458	440,458
Feeder 4 Load	306,239	318,906	315,797	285,146	313,132	315,891	321,335	321,490	333,415	335,053	320,163	427,082	427,082
Feeder 5 Load	118,583	122,089	119,113	106,741	113,191	115,856	116,910	112,496	117,011	116,752	110,544	117,731	117,731
Total Feeder Load (kWh)	1,344,427	1,379,895	1,356,926	1,232,619	1,359,089	1,375,528	1,348,781	1,360,143	1,399,384	1,441,387	1,343,516	1,417,461	1,417,461
Feeder 1 Sales	314,645	340,719	316,721	285,656	333,019	336,096	346,302	341,097	326,010	352,878	339,086	328,746	328,746
Feeder 2 Sales	104,292	114,536	95,295	99,173	103,326	108,739	111,203	107,076	117,179	117,077	101,557	128,482	128,482
Feeder 3 Sales	364,949	385,904	360,261	344,461	387,825	345,174	364,673	371,493	369,563	400,617	357,538	362,650	362,650
Feeder 4 Sales	256,081	273,719	258,874	246,270	267,319	266,434	282,280	269,168	282,725	290,896	288,119	294,163	294,163
Feeder 5 Sales	91,052	97,904	91,280	78,017	87,773	83,367	90,327	83,344	88,524	88,972	84,228	90,342	90,342
Total Feeder Sales (kWh)	1,131,019	1,212,781	1,122,432	1,053,576	1,179,261	1,139,809	1,194,786	1,172,179	1,184,002	1,250,439	1,170,527	1,204,383	1,204,383
Feeder 1 Loss - kWh	53,665	32,323	54,785	47,703	52,928	59,661	36,999	47,009	58,420	52,276	35,893	-21,853	-21,853
Feeder 2 Loss - kWh	15,535	7,461	21,221	5,493	11,553	10,054	7,281	12,437	8,604	5,080	14,697	-3,185	-3,185
Feeder 3 Loss - kWh	66,519	57,957	73,733	58,246	44,115	84,057	44,078	47,045	69,182	61,654	64,038	77,808	77,808
Feeder 4 Loss - kWh	50,158	45,187	56,923	38,876	45,813	49,457	39,055	52,322	50,690	44,157	32,044	132,919	132,919
Feeder 5 Loss - kWh	27,531	24,185	27,833	28,724	25,418	32,489	26,583	29,152	28,487	27,780	26,316	27,389	27,389
Total Feeder Loss - kWh	213,408	167,114	234,494	179,043	179,828	235,719	153,995	187,964	215,382	190,948	172,989	213,078	213,078
Feeder 1 Loss - %	14.6%	8.7%	14.7%	14.3%	13.7%	15.1%	9.7%	12.1%	15.2%	12.9%	9.6%	-7.1%	-7.1%
Feeder 2 Loss - %	13.0%	6.1%	18.2%	5.2%	10.1%	8.5%	6.1%	10.4%	6.8%	4.2%	12.6%	-2.5%	-2.5%
Feeder 3 Loss - %	15.4%	13.1%	17.0%	14.5%	10.2%	19.6%	10.8%	11.2%	15.8%	13.3%	15.2%	17.7%	17.7%
Feeder 4 Loss - %	16.4%	14.2%	18.0%	13.6%	14.6%	15.7%	12.2%	16.3%	15.2%	13.2%	10.0%	31.1%	31.1%
Feeder 5 Loss - %	23.2%	19.8%	23.4%	26.9%	22.5%	28.0%	22.7%	25.9%	24.3%	23.8%	23.8%	23.3%	23.3%
Total Feeder Loss - %	15.9%	12.1%	17.3%	14.5%	13.2%	17.1%	11.4%	13.8%	15.4%	13.2%	12.9%	15.0%	15.0%

Power Table 5 Customer Energy Use By Category and By Feeder – October 2021

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	319	987	6,041
F02	192	4,156	3,155
F03	330	1,871	426
F04	251	2,809	344
F05	177	673	592
Total	254	2,099	2,112

Power Table 6 Power Distribution Statistics – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Number of Outages (Frequency)													
Forced - Generation	0	0	1	0	0	0	1	0	0	0	0	0	0
Planned - Generation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Number of Outages (Gen)	0	0	1	0	0	0	1	0	0	0	0	0	0
Forced - Distribution	2	0	5	0	1	1	6	1	0	2	1	0	0
Feeder 1	2	0	1	0	0	0	2	0	0	0	0	0	0
Feeder 2	0	0	1	0	0	1	1	1	0	2	1	0	0
Feeder 3	0	0	1	0	0	0	1	0	0	0	0	0	0
Feeder 4	0	0	1	0	1	0	1	0	0	0	0	0	0
Feeder 5	0	0	1	0	0	0	1	0	0	0	0	0	0
Planned - Distribution	0	0	1	0	0	0	0	0	0	0	0	0	0
Feeder 1	0	0	0	0	0	0	0	0	0	0	0	0	0
Feeder 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Feeder 3	0	0	0	0	0	0	0	0	0	0	0	0	0
Feeder 4	0	0	1	0	0	0	0	0	0	0	0	0	0
Feeder 5	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Number of Outages (Dist)	2	0	6	0	1	1	6	1	0	2	1	0	0

Power Table 7 Power Outage Statistics – November 2020 – October 2021

	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	FY2022 YTD
Duration of Outages (Hrs)													
Forced - Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0
Total Duration Gen Outage (Hrs)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Forced - Distribution	1.5	0.0	0.2	0.0	1.8	0.8	2.0	0.7	0.0	3.6	0.8	0.0	0.0
Feeder 1	1.5	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 2	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	3.6	0.8	0.0	0.0
Feeder 3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 4	0.0	0.0	0.0	0.0	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Planned - Distribution	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 4	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Duration Dist Outage (Hrs)	1.5	0.0	1.1	0.0	1.8	0.8	2.0	0.7	0.0	3.6	0.8	0.0	0.0

Water Table 1 Water Production & Sales Data Statistics – November 2020 – October 2021

Production(Gallons)	Nov 20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
WTP (production less storage difference)	768,300	387,400	457,600	0	0	0	360,100	329,500	0	0	0	1,004,700	1,004,700
Deep Wells	17,806,700	18,922,600	15,305,900	17,461,500	19,390,900	20,833,800	19,927,000	18,120,000	17,571,600	16,792,900	17,735,700	18,594,100	18,594,100
Total Production	18,575,000	19,310,000	15,763,500	17,461,500	19,390,900	20,833,800	20,287,100	18,449,500	17,571,600	16,792,900	17,735,700	19,598,800	19,598,800
Volume Billed(Gallons)	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
Commercial	1,675,310	1,855,850	1,985,650	1,760,580	1,868,400	1,740,080	1,800,120	1,581,190	2,177,820	3,221,784	2,171,407	1,804,000	1,804,000
Government (excludes hospital)	927,040	2,086,900	815,160	1,248,580	869,560	864,160	784,090	960,210	746,911	586,728	927,804	651,886	651,886
Government Hospital	775,000	945,400	1,417,300	1,096,200	979,900	939,300	1,058,100	824,700	1,049,400	1,038,200	931,900	669,000	669,000
Residential	3,589,807	4,227,111	4,254,744	4,289,227	4,700,504	4,714,557	5,090,708	4,520,689	4,957,436	5,161,402	5,310,746	4,659,459	4,659,459
Water Delivery and Bunkering	104,000	69,000	85,500	154,000	88,000	105,000	81,500	98,000	72,000	138,000	180,000	154,000	154,000
Total	7,071,157	9,184,261	8,558,354	8,548,587	8,506,364	8,363,097	8,814,518	7,984,789	9,003,567	10,146,114	9,521,857	7,938,345	7,938,345
NRW	Nov 20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
Production	18,575,000	19,310,000	15,763,500	17,461,500	19,390,900	20,833,800	20,287,100	18,449,500	17,571,600	16,792,900	17,735,700	19,598,800	19,598,800
Billed Volume	7,071,157	9,184,261	8,558,354	8,548,587	8,506,364	8,363,097	8,814,518	7,984,789	9,003,567	10,146,114	9,521,857	7,938,345	7,938,345
NRW Volume	11,503,843	10,125,739	7,205,146	8,912,913	10,884,536	12,470,703	11,472,582	10,464,711	8,568,033	6,646,786	8,213,843	11,660,455	11,660,455
NRW Percentage	61.9%	52.4%	45.7%	51.0%	56.1%	59.9%	56.6%	56.7%	48.8%	39.6%	46.3%	59.5%	59.5%
Invoiced Water Value (USD)	Nov 20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
Water Delivery and Bunkering	3,229	1,100	1,815	2,483	2,798	1,773	2,679	1,772	1,483	2,212	6,987	4,222	4,222
Commercial	7,071	7,864	9,087	9,979	8,689	9,034	9,458	8,453	11,288	16,641	10,798	10,062	10,062
Government (includes hospital)	8,522	15,563	11,467	10,212	9,544	8,982	9,274	9,050	9,549	8,858	10,345	7,091	7,091
Residential	9,884	11,452	11,428	11,242	12,293	12,091	13,047	11,248	12,345	12,720	13,466	11,195	11,195
Total	28,706	35,980	33,796	33,916	33,325	31,881	34,458	30,523	34,665	40,431	41,597	32,570	32,570
Sewer Charges (USD)	Nov 20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
Commercial	3,054	3,227	3,376	4,248	3,343	3,455	3,730	3,608	4,678	7,541	3,875	3,990	3,990
Commercial - w/o water	2,768	2,784	2,871	2,871	2,942	2,801	2,801	2,816	2,816	2,816	2,816	2,799	2,799
Government	4,238	7,775	5,712	5,055	4,742	4,423	4,572	4,427	4,707	4,337	5,017	3,474	3,474
Residential	815	994	931	960	1,043	1,077	1,056	956	1,020	1,114	1,260	920	920
Residential w/o water	2,370	2,619	2,560	2,574	2,570	2,550	2,531	2,589	2,597	2,630	2,650	2,620	2,620
Total	13,245	17,399	15,451	15,708	14,640	14,306	14,690	14,394	15,818	18,438	15,617	13,804	13,804

Water Table 2 Water/Sewer Connection Data – November 2020 – October 2021

Connection Information	Nov 20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	FY2022 YTD
Water Connection Data (Total Active)	485	488	485	491	495	492	495	500	510	513	516	517	517
Commercial - Billed	83	88	88	89	89	90	89	88	94	94	93	92	92
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	20,184	21,089	22,564	19,782	20,993	19,334	20,226	17,968	23,168	34,274	23,348	19,609	19,609
Government - Billed	19	20	18	20	22	17	18	22	24	24	24	25	25
Government - Disconnected	0	0	0	0	0	0	0	0	0	0	0	0	0
Government - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Avge Consumption - Gall/conn/mth	48,792	104,345	45,287	62,429	39,525	50,833	43,561	43,646	31,121	24,447	38,659	26,075	26,075
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	775,000	945,400	1,417,300	1,096,200	979,900	939,300	1,058,100	824,700	1,049,400	1,038,200	931,900	669,000	669,000
Residential - Billed	382	379	378	381	383	384	387	389	391	394	398	399	399
Residential - Disconnected	1	1	0	0	0	0	0	0	0	0	0	0	0
Residential - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Avge Consumption - Gall/conn/mth	9,397	11,153	11,256	11,258	12,273	12,277	13,154	11,621	12,679	13,100	13,344	11,678	11,678
Sewer Connection Data (Total Registered)	552	579	576	588	592	578	585	591	601	599	606	601	601
Commercial Billed	50	53	50	54	54	57	54	54	60	55	57	57	57
Commercial Billed w/o water	50	52	54	54	55	49	52	51	51	52	52	51	51
Government Billed	19	20	18	20	22	17	18	19	21	22	22	21	21
Residential Billed	202	207	207	212	213	209	216	220	220	219	222	220	220
Residential Billed w/o water	231	247	247	248	248	246	245	247	249	251	253	252	252
STP Inflow (MG/month)	26.7	39.0	26.5	23.3	30.5	21.2	38.8	21.2	30.5	17.7	27.9	31.6	27.9
SEWER OVERFLOW W/O's													
North Zone													
South Zone													

Water Table 3 Zonal Water Use Statistics – October 2021 & YTD FY2022

ZONAL NRW - October 2021					ZONAL NRW - FY2022				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	200,000	140,598	59,402	30%	1	200,000	140,598	59,402	30%
2	14,727,100	5,707,543	9,019,557	61%	2	14,727,100	5,707,543	9,019,557	61%
3	5,000	4,200	800	16%	3	5,000	4,200	800	16%
4	1,018,500	340,270	678,230	67%	4	1,018,500	340,270	678,230	67%
5	0	0	0	0%	5	0	0	0	-
6	2,762,300	1,183,400	1,578,900	57%	6	2,762,300	1,183,400	1,578,900	57%
7	70,000	94,350	-24,350	-35%	7	70,000	94,350	-24,350	-35%
8	815,900	313,992	501,908	62%	8	815,900	313,992	501,908	62%
Water Delivery/Bunker		154,000			Water Delivery/Bunker		154,000		
Total	19,598,800	7,938,353	11,660,447	59.5%	Total	19,598,800	7,938,353	11,660,447	59.5%
ZONAL WATER CONSUMPTION - October 2021					ZONAL WATER CONSUMPTION - FY2022				
Zone	Avge Use - Gallons/Connection/Month				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	34,700	32,250	-	8,242	1	32,400	53,860	-	9,055
2	24,269	39,219	-	12,758	2	20,308	22,392	-	11,550
3	0	0	-	2,300	3	-	-	-	2,100
4	0	0	-	16,411	4	-	-	-	22,685
5	0	0	-	0	5	-	-	-	-
6	4,888	0	931,900	516	6	4,862	-	669,000	11,397
7	0	0	-	5,988	7	-	11,800	-	10,319
8	0	38,138	-	20,272	8	-	34,262	-	7,176
Total	63,857	109,607	931,900	66,487	Total	19,609	26,075	669,000	11,678

Work Order Summary – End October 2021

Work Order Performance October 2021						
Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	72	26	43	1	22	76
INTERNAL POWER	6	0	2	0	1	5
INTERNAL SEWER	10	3	3	0	2	11
INTERNAL WATER	8	3	3	0	3	8
POWER	235	47	102	0	24	258
REVENUE	236	79	182	0	83	232
SEWER	13	17	33	0	12	18
WATER	49	151	208	1	113	87
TOTAL ALL WORK ORDERS	629	326	576	2	260	695

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding	WO Outstanding At End
INTERNAL MAINTENANCE	11.4%	8.0%	-	10.9%
INTERNAL POWER	1.0%	0.0%	-	0.7%
INTERNAL SEWER	1.6%	0.9%	-	1.6%
INTERNAL WATER	1.3%	0.9%	-	1.2%
POWER	37.4%	14.4%	8.5%	37.1%
REVENUE	37.5%	24.2%	26.3%	33.4%
SEWER	2.1%	5.2%	40.0%	2.6%
WATER	7.8%	46.3%	56.5%	12.5%
TOTAL ALL WORK ORDERS			27.2%	

Administration Table 1 H&S Statistics – October 2021



FY2022 HEALTH & SAFETY REPORT October 2021

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	October 2021						YEAR TO DATE - FY2021					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	19	2,783	0	0	0	0	0	2,783	0	0	0	0	0
Maintenance	6	932	0	0	0	0	0	932	0	0	0	0	0
Power Distribution	19	2,877	0	0	0	0	0	2,877	0	0	0	0	0
Water & Sewer	24	3,549	0	0	0	0	0	3,549	0	0	0	0	0
Finance & Admin.	19	2,720	0	0	0	0	0	2,720	0	0	0	0	0
Tonoas Power Distribution	6	750	0	0	0	0	0	750	0	0	0	0	0
ADB Funded - PMU STAFF	4	613	0	0	0	0	0	613	0	0	0	0	0
TOTAL	97	14,225	0	0	0	0	0	14,225	0	0	0	0	0

FA - Number of First Aid cases **Total Hours Without Incident - Whole Company** **1,199,049**
 MT - Number of Medical Treatment cases
 LTC - Number of Lost time cases
 LTD - Number of Lost time days
 FAT - Number of Fatalities

2. SICK LEAVE REPORT

DEPARTMENT	Number of Staff	October 2021		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	19	76	0	76
Maintenance	6	5	0	5
Power Distribution	19	106	0	106
Water & Sewer	24	181	0	181
Finance & Admin.	19	116	0	116
Tonoas Power Distribution	6	34	0	34
ADB Funded - PMU STAFF	4	57	0	57
TOTAL	97	575	0	575
Sick Hours as Percentage of Total Hours Worked		4.0%	0.0%	4.0%

Year To Date FY2022		
Total Hours Sick	Accident Related	Poor Health
76	0	76
5	0	5
106	0	106
181	0	181
116	0	116
34	0	34
57	0	57
575	0	575
4.0%	0.0%	4.0%

DEPARTMENT	Number of Staff	October 2021		
		Sick Hours as Percentage of Total Hours Worked	Accident Related	Poor Health
Power Generation	19	2.7%	0.0%	2.7%
Maintenance	6	0.5%	0.0%	0.5%
Power Distribution	19	3.7%	0.0%	3.7%
Water & Sewer	24	5.1%	0.0%	5.1%
Finance & Admin.	19	4.3%	0.0%	4.3%
Tonoas Power Distribution	6	4.6%	0.0%	4.6%
ADB Funded - PMU STAFF	4	9.3%	0.0%	9.3%
TOTAL	97	4.0%	0.0%	4.0%

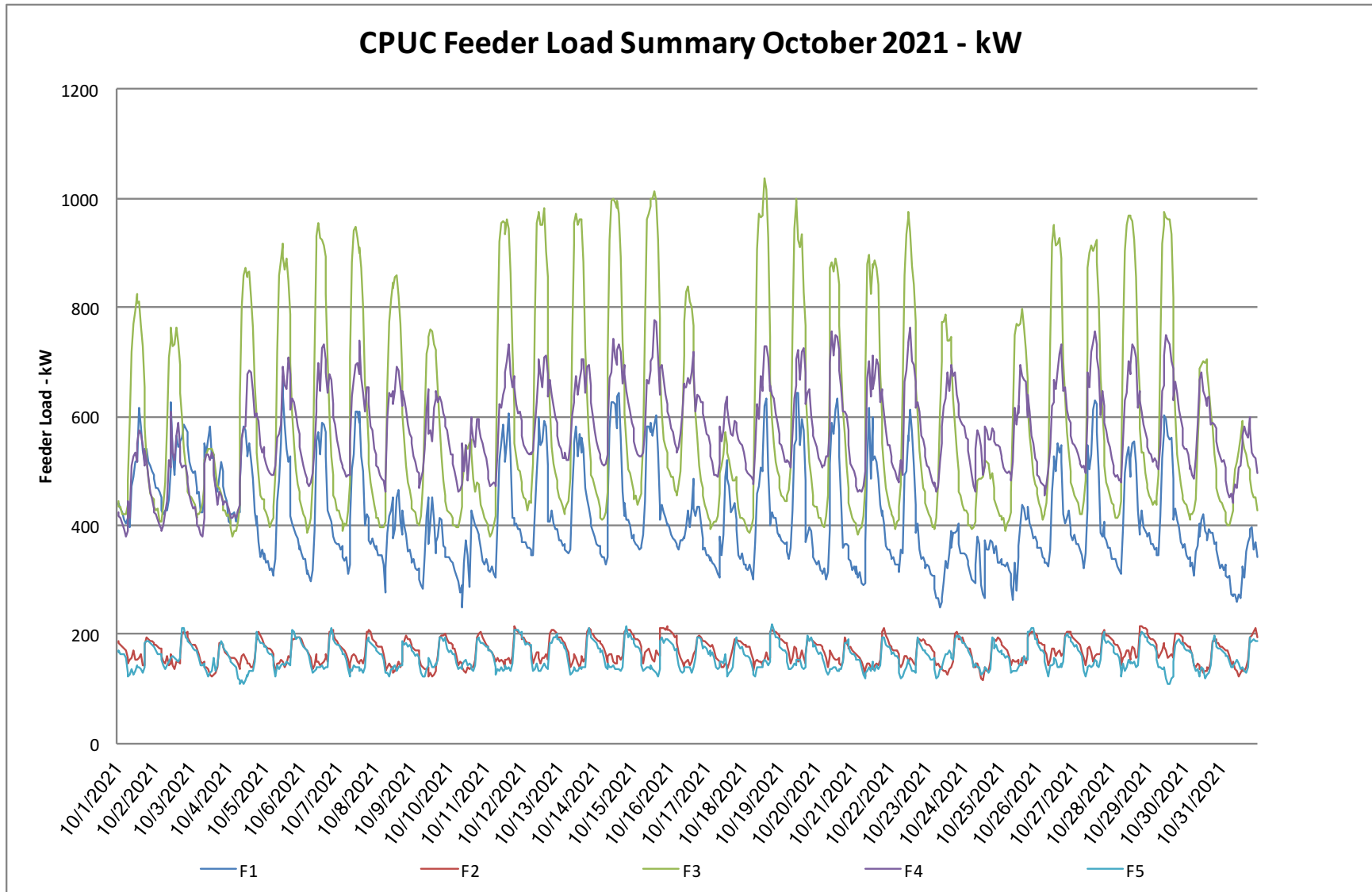
Administration Table 2 Attendance Summary – October 2021 & FY 2022

DEPARTMENT		October 2021							YEAR TO DATE - FY2022							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWO L	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AW OL	Sick Leave As % of Hours
		Regular	Overtime						Regular	Overtime						
Power Generation	19	2,608	176	136	76	207	3,202	91	2,608	176	136	76	207	3,202	91	2.4%
Maintenance	6	900	32	112	5	39	1,088	0	900	32	112	5	39	1,088	0	0.4%
Power Distribution	19	2,722	155	367	106	115	3,465	8	2,722	155	367	106	115	3,465	8	3.1%
Water & Sewer	24	3,314	234	342	181	171	4,242	0	3,314	234	342	181	171	4,242	0	0.0%
Finance & Admin.	19	2,634	87	360	116	157	3,354	162	2,634	87	360	116	157	3,354	162	3.5%
Tonoas Power Distribution	6	750	0	97	34	16	897	0	750	0	97	34	16	897	0	0.0%
ADB	4	567	46	83	57	38	791	0	567	46	83	57	38	791	0	7.2%
TOTAL EMPLOYEES	97	13,495	729	1,497	575	742	17,039	261	13,495	729	1,497	575	742	17,039	261	3.4%
REGULAR STAFF	93	12,928	683	1,414	518	704	16,248	261	12,928	683	1,414	518	704	16,248	261	0
Hours as % of Total Hours Claimed		79.6%	4.2%	8.7%	3.2%	4.3%		1.6%	79.6%	4.2%	8.7%	3.2%	4.3%		1.6%	
ADB Funded - PMU STAFF	4	567	46	83	57	38	791	0	567	46	83	57	38	791	0	0.0%
Hours as % of Total Hours Claimed		71.7%	5.8%	10.5%	7.2%	4.8%		-	71.7%	5.8%	10.5%	7.2%	4.8%		0.0%	

CAPEX Table 1 Capex Summary Sheet - October 2021

Chuuk Public Utility Corporation Capex Summary Sheet as of October 31, 2021								
	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	380,883	380,883	0	369,117	415,000	335,000	34,117
FY 2019 Professional management - D19AF0008	204,400	204,400	204,400	0	0	204,400	0	0
FY 2020 ADB CWSSP PRF	5,000,000	1,595,514	1,595,514	0	3,404,486	1,339,854	3,660,146	-255,660
FY 2021 Professional management D21AF10034-00	164,808	164,808	164,808	0	0	71,432	93,376	-93,376
Total	6,385,506	2,611,903	2,611,903	0	3,773,603	2,296,984	4,088,522	-314,919

Graph Showing Feeder Loads in kW - October 2021



Graph Showing Generation Output in kW – October 2021

