

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2022 – December 2021



Issued: January 2022

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Dec 21	FY2022	US\$/kWh Sold			
	US\$		Dec-21	FY2022	Dec-21	FY2022
Revenue	707,681	1,993,308	0.537	0.524	0.494	0.472
Variable Costs	339,393	982,764	0.257	0.258	0.237	0.233
Fixed Costs	226,970	611,410	0.172	0.161	0.158	0.145
Total Expenses	566,363	1,594,174	0.429	0.419	0.395	0.378
Operating result	141,318	399,134	0.107	0.105	0.099	0.095
Power generation	1,433,866	4,218,977				
<i>Diesel</i>	1,375,707	4,034,242				
<i>Solar</i>	58,159	184,735				
<i>Solar PV as % of Total Generation</i>	4.1%	4.4%				
<i>Avoided Cost of Fuel - US\$</i>	13,536	42,144				
<i>Tons of CO2 Avoided</i>	38.9	125.2				
Government Sales	234,309	682,768	Feeder	Conns	Dec-21	FY2022
Commercial Sales	550,039	1,591,342	F1	488	388,924	986,617
Residential Sales	450,733	1,285,521	F2	525	123,107	369,670
Intercompany Sales	83,960	243,756	F3	442	434,756	1,290,424
Sales Accrual	0	0	F4	426	350,563	1,174,527
Total Sales	1,319,041	3,803,387	F5	511	122,325	354,931
Power Loss	8.0%	9.9%	Total	2,391	1,419,675	4,176,169
Operating ratio	0.80	0.81				
Water Produced - Gallons	21,090,200	59,253,000				
Water Sold - Gallons	9,198,411	25,491,877				
Non Revenue Water	56.4%	57.0%				

Daily generated output in December was 46,254 kWh/day an increase of 2.5% on November. Average daily sales were 42,550 kWh/day – 5.0% higher than November. Total power loss was 8.0% in December. The total power loss for FY2022 YTD is 9.9%.

Average fuel efficiency for December was 15.08 kWh/gallon – and 14.91 kWh/gallon YTD.

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

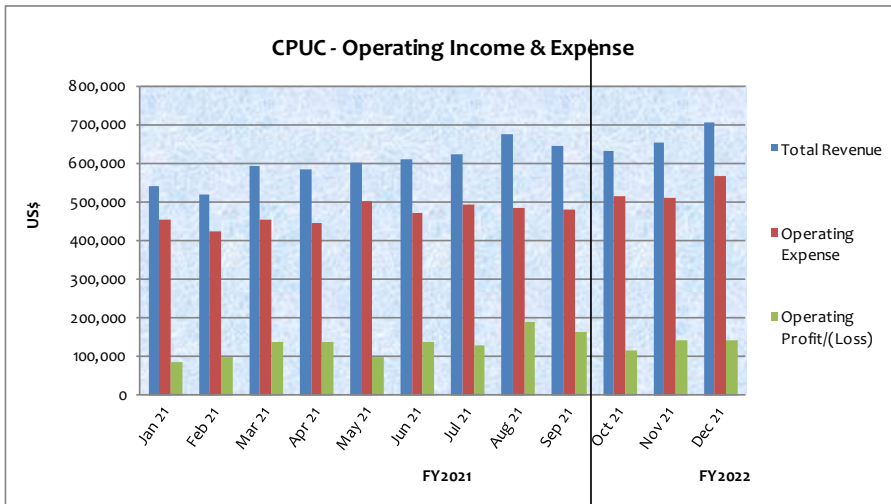
Government – 17.8%; Commercial – 41.8%; Residential – 33.8%; Intercompany – 6.4 %; Accrual - 0.0%;

Solar PV generation in December 2021 was 58,159 kWh or 4.1% of total generation. The avoided cost of fuel was US\$13,536 and the amount of Carbon Dioxide avoided was 38.9 tons.

The operating result for December 2021 is US\$141,318 before interest and depreciation; with an operating ratio of 0.80.

The NRW in November was 56.4% with 57.0% YTD. Control of water production remains a critical issue.

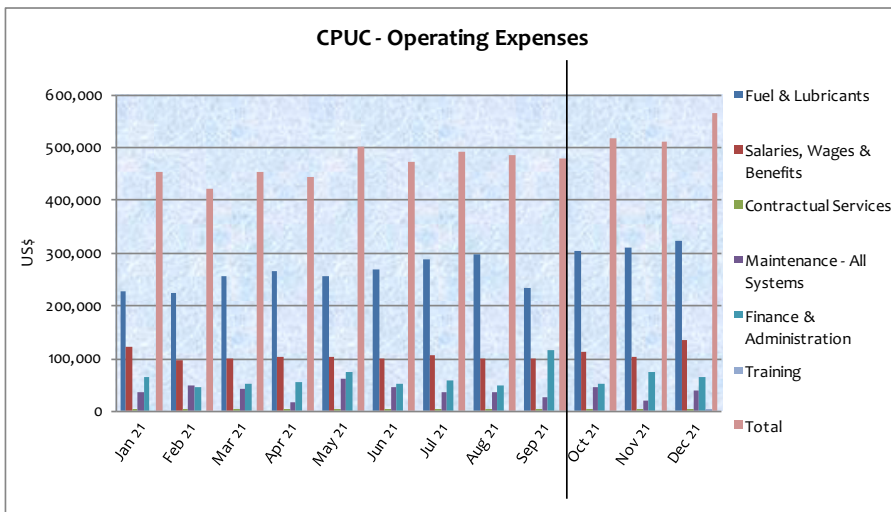
1 FINANCIAL PERFORMANCE GRAPHS



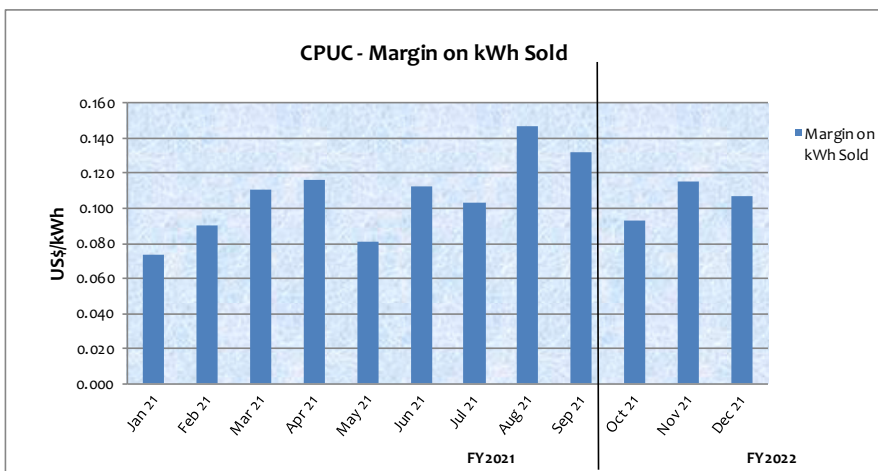
1.1 Key Points:

Operating income for December 2021 – US\$ 141,318

Operating ratio: YTD 0.81;

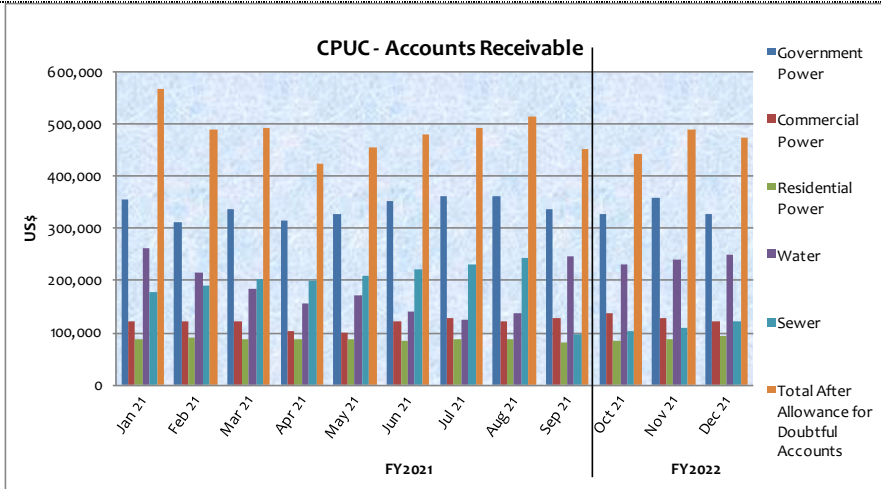


1.2 Key Points:

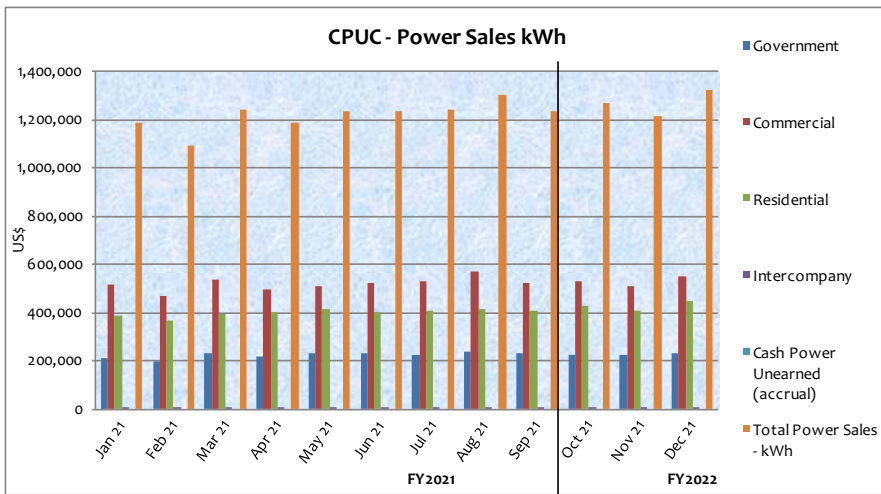


1.3 Key Points:

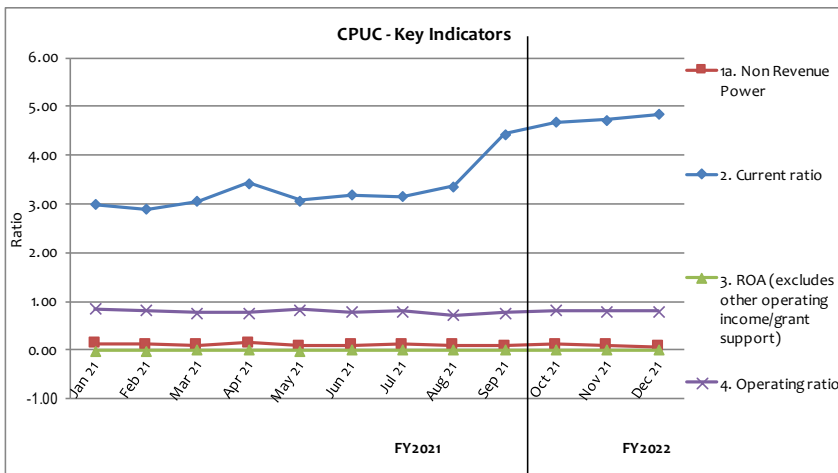
December US\$0.107/ kWh sold.



1.4 Key Points:

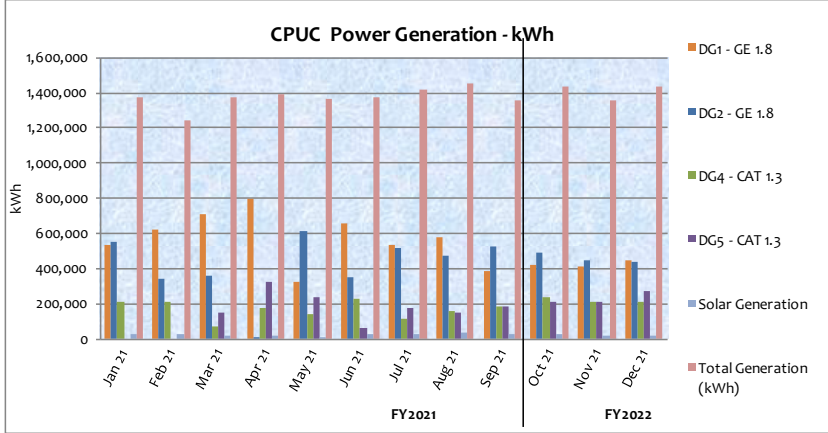


1.5 Key Points:

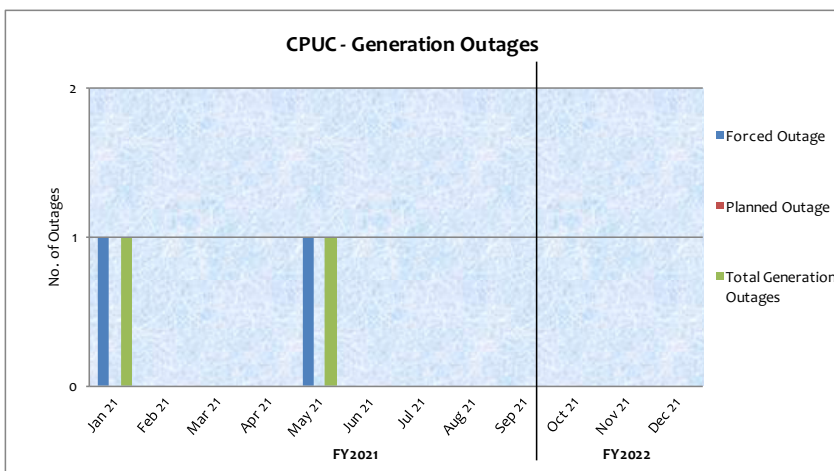


1.6 Key Points:

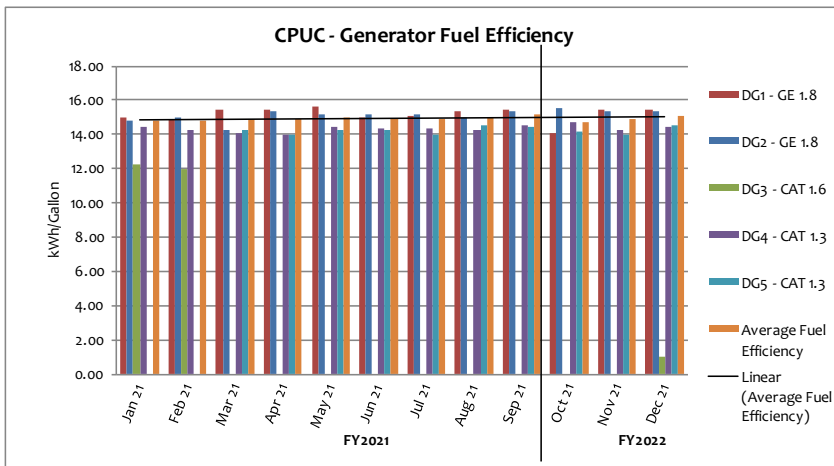
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

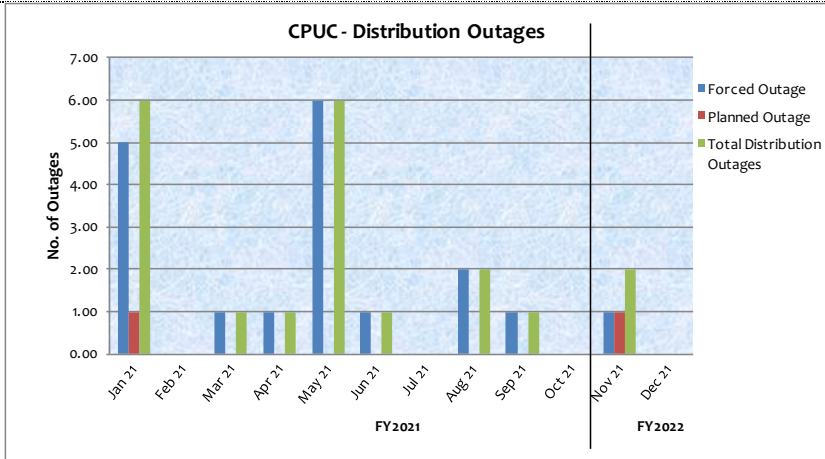


2.2 Key Points:

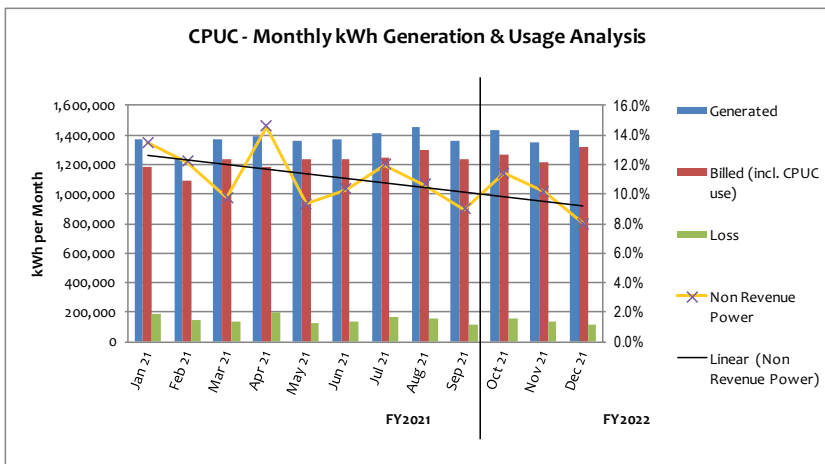


2.3 Key Points:

Avg fuel efficiency
December 2021 –
15.08 kWh/gall.

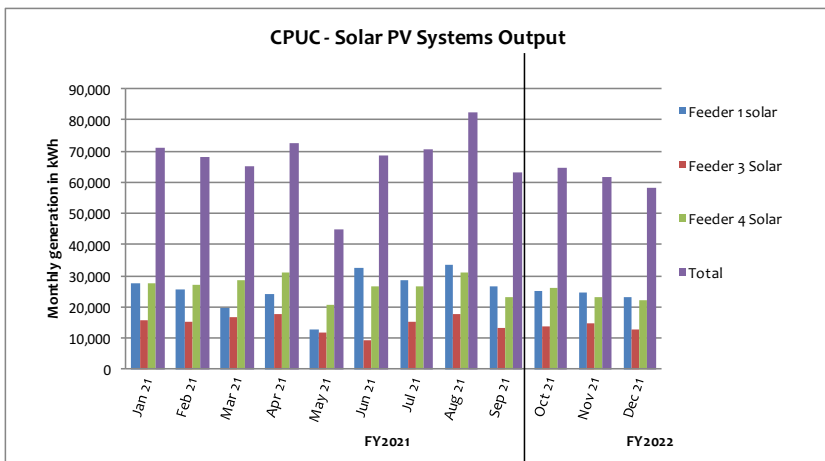


2.4 Key Points



2.5 Key Points:

Power loss for December 2021 – 8.0%;

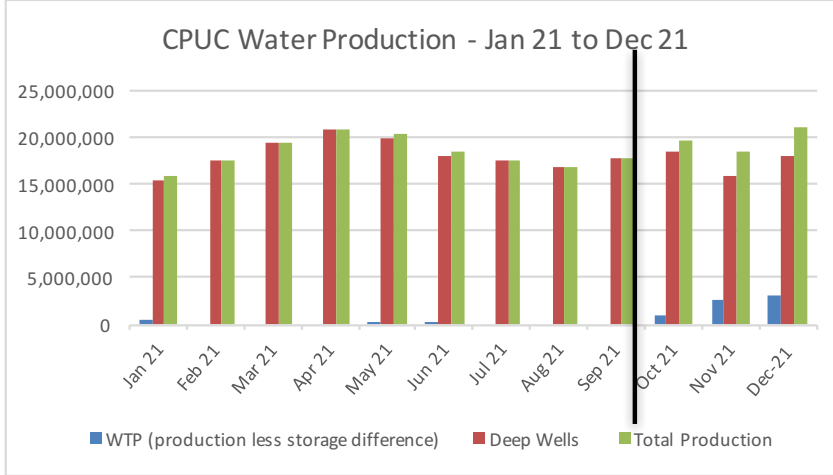


2.6 Key Points:
Solar PV accounted for 4.1% of CPUC generation in December 2021;

The avoided cost of fuel was US\$13,256; and

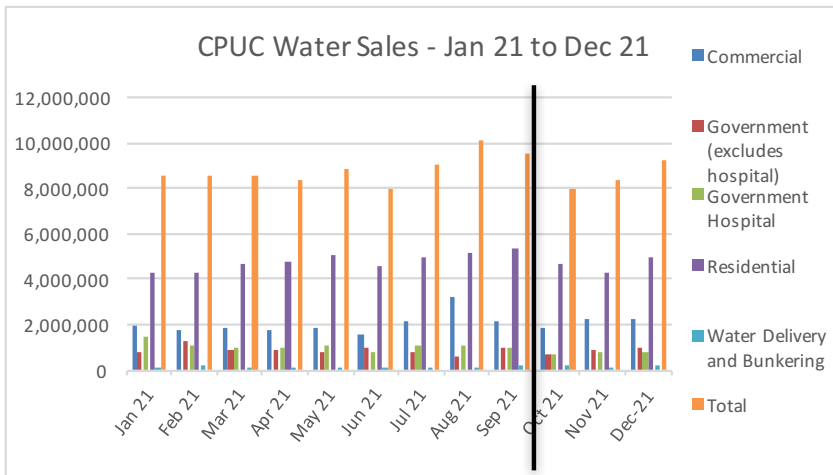
Avoided Tons of CO₂ was 38.9 Tons;

3 WATER PERFORMANCE GRAPHS

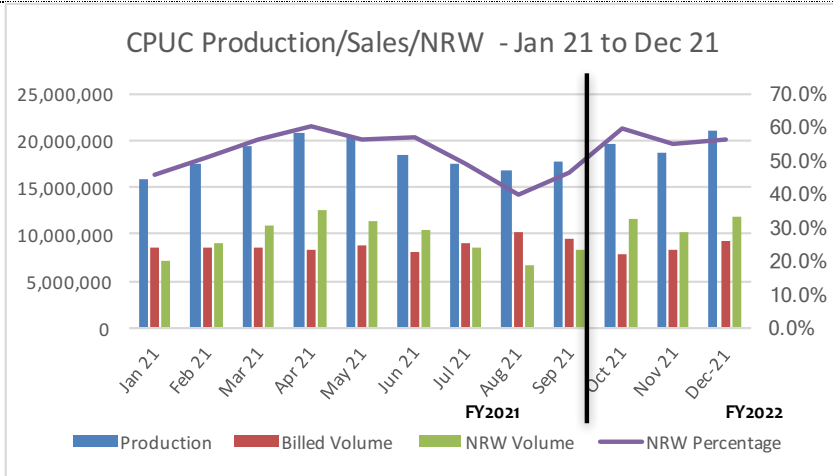


1 Key Points:

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 – January 2021 – December 2021

Revenue - US\$	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022
Operating revenue:													
a. Power Sales	487,577	463,646	539,283	526,584	547,964	556,429	570,175	606,046	570,077	585,817	585,446	646,372	1,817,635
b. Water Sales	33,840	34,196	32,411	32,479	31,970	30,187	31,130	40,288	43,594	30,155	36,075	40,461	106,692
c. Sewer Sales	16,286	16,680	15,410	14,774	15,078	14,474	13,125	20,503	16,460	13,196	16,703	17,274	47,172
d. Other operating revenue	3,721	5,942	4,763	8,872	5,541	9,823	8,746	8,932	12,789	4,373	13,862	3,573	21,808
Revenue - Total	541,425	520,464	591,867	582,708	600,552	610,912	623,176	675,769	642,921	633,541	652,086	707,681	1,993,308
Expenses - US\$													
Fuel & Lubricants	226,924	224,429	255,014	265,459	257,234	268,726	287,773	296,241	234,123	303,659	311,684	324,306	939,649
Salaries, Wages & Benefits	123,549	97,362	101,375	102,457	102,120	101,506	105,307	99,256	99,928	111,197	103,942	134,445	349,584
Contractual Services	4,669	3,557	3,575	3,441	4,042	3,744	3,510	3,687	3,641	2,590	2,568	3,249	8,407
O&M - Power Generation	13,912	13,576	9,389	6,224	38,140	23,400	10,921	10,789	7,969	12,062	3,351	13,481	28,894
O&M - Power Distribution	2,564	6,607	15,935	5,608	5,982	4,441	5,129	8,179	4,811	5,268	1,220	8,938	15,426
O&M - Water	4,135	2,869	3,183	3,109	2,641	3,398	4,331	2,887	4,489	5,007	538	1,148	6,694
O&M - Sewer	21	5,557	3,018	657	0	30	0	0	264	2,239	0	463	2,702
Finance & Administration Overheads	46,268	30,861	33,440	37,082	52,244	32,991	38,889	29,678	96,420	30,784	55,695	43,115	129,594
Vehicle & Eq. Fuel	14,958	21,812	10,649	2,956	15,228	14,053	17,240	16,070	9,293	21,955	14,174	15,728	51,857
CPUC Power Usage (incl. in O&M from Oct 15)	17,174	15,511	19,303	18,347	22,365	19,903	20,202	18,557	19,366	21,243	18,634	21,158	61,035
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	1,290	0	0	0	0	1	1
Training	0	0	0	0	0	0	0	0	0	0	0	332	332
Expense - Total	454,174	422,141	454,882	445,339	499,996	472,194	494,592	485,343	480,305	516,005	511,806	566,364	1,594,175
Operating Income/(Loss)	87,251	98,323	136,985	137,370	100,556	138,719	128,584	190,426	162,616	117,536	140,280	141,317	399,133
Non-Cash Expenses - US\$													
Depreciation	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	121,808	127,459	127,459	127,459	382,376
Interest Expense	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,203	4,190	4,190	4,190	12,569
Non-Cash Expense - Total - US\$	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	126,011	131,648	131,648	131,648	394,945
Income/(Loss) - excluding grant support - US\$	-38,760	-27,688	10,974	11,359	-25,455	12,708	2,573	64,416	36,605	-14,113	8,632	9,668	4,187
Non-operating Income (Grant Support) - US\$	4	20	0	0	20	-20	2	733	2	1,661	150	332	2,143
Income/(Loss) - including grant support - US\$	-38,756	-27,668	10,974	11,359	-25,434	12,688	2,575	65,149	36,607	-12,451	8,782	10,000	6,331

Financial Table 2 Cash Flow and A/R Report – January 2021 – December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022YTD
Cash Flow Report - US\$													
Receipts	626,676	471,664	679,683	487,859	539,090	765,900	471,910	522,537	672,570	560,267	766,134	654,840	1,981,241
Disbursements	811,484	331,042	594,146	378,089	389,889	838,942	491,245	530,312	890,806	698,296	533,466	491,623	1,723,386
Net receipts/Disbursements	-184,808	140,622	85,537	109,770	149,201	-73,042	-19,335	-7,774	-218,236	-138,030	232,668	163,217	257,855
Cash balance (beginning)	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	1,370,535	1,603,203	1,508,565
Cash balance (end)	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	1,603,203	1,766,420	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)	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	1,601,509	1,764,726	1,368,841
Stocks	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	1,214,748	1,218,993	1,216,722
Trade Receivable	567,736	490,703	493,298	425,420	455,138	482,108	492,326	516,334	451,544	442,642	489,184	475,747	442,642
Prepaid Lease	237,374	235,313	233,251	231,189	229,127	227,065	225,003	222,942	220,880	218,818	216,756	214,694	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.)	1,153,060	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	915,012	978,299	958,158
Loans Payable	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	3,287,813	3,292,003	3,283,623
Total Accounts Receivable (to date) - US\$													
Government Power	356,338	313,378	337,942	315,469	327,016	352,728	362,332	363,428	337,434	327,286	360,098	327,389	327,286
Commercial Power	121,906	120,573	120,942	104,512	100,083	121,068	127,191	122,115	128,825	137,476	129,245	123,352	137,476
Residential Power	88,849	89,555	86,786	87,956	86,857	85,920	86,561	88,922	81,395	84,078	88,686	93,252	84,078
Water	263,219	216,984	185,467	157,769	170,701	141,064	125,715	138,148	245,813	230,417	239,762	249,579	230,417
Sewer	176,795	189,585	201,533	199,086	209,853	220,699	229,898	243,093	97,448	102,756	110,766	121,546	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	567,736	490,703	493,298	425,420	455,138	482,108	492,326	516,334	451,544	442,642	489,184	475,747	442,642

Financial Table 3 Power Sales Report – January 2021 – December 2021

Power Sales Report	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	60,738	50,006	67,919	67,386	66,937	67,861	70,065	75,819	71,719	71,209	71,218	79,220	221,647
Government - Pre Paid (Cash Power)	29,975	37,247	36,071	32,788	38,237	38,589	37,540	40,147	38,975	35,361	41,289	39,995	116,645
Government Streetlights	3,038	2,744	3,038	2,842	3,038	2,940	3,038	3,038	2,940	3,038	2,940	3,038	9,017
Solar	2,680	2,680	2,680	2,680	2,680	5,815	3,725	3,725	3,725	3,725	3,725	3,725	11,175
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Total	96,432	92,677	109,709	105,697	110,892	115,205	114,368	122,729	117,359	113,333	119,172	125,979	358,485
Commercial - Post Paid	149,704	136,427	157,957	148,441	152,362	160,522	161,562	173,213	160,490	165,575	163,037	176,254	504,866
Commercial - Pre Paid (Cashpower)	70,482	68,744	84,501	82,041	83,686	84,463	91,046	103,320	89,929	91,201	92,236	105,778	289,215
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	220,186	205,172	242,458	230,483	236,048	244,985	252,608	276,533	250,419	256,776	255,272	282,032	794,081
Residential - Post Paid	1,398	2,551	2,088	2,622	2,645	2,431	2,969	2,995	3,588	6,148	5,669	5,766	17,582
Residential - Pre Paid (Cashpower)	138,888	136,074	149,175	154,594	159,306	159,404	165,235	162,284	161,503	166,827	165,284	194,803	526,914
Residential Scratch Card Sales	13,499	11,661	16,550	14,841	17,979	14,522	14,793	22,948	17,842	21,490	21,415	16,635	59,539
Residential Total	153,786	150,286	167,813	172,057	179,930	176,357	182,997	188,228	194,933	194,464	192,367	217,204	604,035
Trade Power Sales Total	470,403	448,135	519,980	508,237	526,870	536,547	587,493	587,490	550,711	564,574	566,812	625,214	1,756,601
Intercompany - CPUC Office	1,343	1,065	1,410	1,456	1,437	1,677	1,602	1,635	1,498	1,479	1,579	1,708	4,767
Intercompany - CPUC Power Operation	1,873	2,281	4,115	4,169	4,034	4,359	4,506	4,512	4,053	4,430	4,360	4,363	13,153
Intercompany - CPUC Water Operations	5,066	4,923	5,427	5,164	5,642	4,996	5,044	5,020	4,852	5,134	4,154	4,464	13,752
Intercompany - CPUC Sewer Operations	8,891	7,242	8,351	7,558	9,980	8,851	9,050	7,390	8,963	10,200	8,541	10,623	29,363
Cash Power UnEarned	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Power Sales - US\$	487,577	463,646	539,283	526,584	547,964	556,429	570,175	606,046	570,077	585,817	585,446	646,372	1,817,635
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	136,761	109,201	144,472	140,316	138,964	139,258	141,323	150,692	143,182	141,829	136,737	148,640	427,206
Government - Pre Paid (Cash Power)	66,820	80,831	76,245	67,940	79,067	79,125	75,457	79,751	77,779	70,147	78,992	75,292	224,431
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	31,131
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	213,958	200,409	231,094	218,634	228,408	228,760	227,156	240,820	231,338	222,353	226,106	234,309	682,768
Commercial - Post Paid	349,808	309,427	347,859	319,902	327,591	340,920	337,420	357,934	333,977	343,652	325,777	343,119	1,012,548
Commercial - Pre Paid (Cashpower)	164,448	155,954	186,495	177,349	180,514	180,592	190,672	213,737	186,923	188,393	183,481	206,920	578,794
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial Total	514,256	465,381	534,354	497,251	508,105	521,513	528,092	571,671	520,901	532,045	509,258	550,039	1,591,342
Residential - Post Paid	3,543	6,189	4,894	6,048	6,089	5,506	6,622	6,599	7,994	13,729	12,182	11,713	37,623
Residential - Pre Paid (Cashpower)	351,115	331,241	352,576	357,360	367,403	364,186	369,240	357,928	358,021	367,380	349,658	404,828	1,121,866
Residential Scratch Card Sales	33,919	29,223	38,484	33,979	41,027	32,777	32,761	50,065	39,207	46,952	44,888	34,192	126,032
Residential Total	388,577	366,653	395,955	397,386	414,519	402,470	408,623	414,592	405,222	428,060	406,728	450,733	1,285,521
Trade Power Sales Total	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	1,142,093	1,235,081	3,559,631
Intercompany - CPUC Office	5,330	4,228	5,596	5,778	5,704	6,653	6,358	6,488	5,943	6,796	6,267	6,779	19,842
Intercompany - CPUC Power Operation	7,434	9,050	16,330	16,544	16,009	17,297	17,879	17,906	16,085	17,721	17,302	17,313	52,336
Intercompany - CPUC Water Operations	20,105	19,535	21,535	20,491	22,388	19,826	20,017	19,919	19,255	20,535	16,484	17,714	54,733
Intercompany - CPUC Sewer Operations	35,281	28,740	33,140	29,992	39,603	35,122	35,912	29,325	35,567	40,800	33,891	42,154	116,845
Cash Power Unearned (accrual)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Power Sales - kWh	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	1,216,037	1,319,041	3,803,387

Financial Table 4 Water Sales Report – January 2021 – December 2021

Water/Sewer Sales Report	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	11,467	10,212	9,544	8,982	9,275	9,050	4,674	8,858	10,090	7,091	9,461	9,686	26,237
Commercial	9,087	9,979	7,995	8,209	8,610	8,396	10,364	16,641	10,798	9,612	11,270	12,231	33,114
Residential	11,428	11,228	12,215	12,091	13,033	11,001	12,711	12,676	13,351	9,311	10,531	12,126	31,968
Provision for Billing Errors	0	0	0	0	1,052	1,739	3,381	2,114	9,355	4,141	4,813	6,418	15,372
Total	31,982	31,419	29,754	29,283	31,970	30,187	31,130	40,288	43,594	30,155	36,075	40,461	106,692
Sewer Sales - US\$													0
Government	5,712	5,055	4,742	4,423	4,572	4,427	1,865	4,337	5,017	3,474	4,638	4,686	12,799
Commercial	7,154	8,091	7,055	6,886	6,929	6,540	7,653	11,316	7,623	6,541	8,539	8,875	23,955
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	3,420	3,534	3,613	3,466	3,577	3,507	3,607	4,850	3,821	3,180	3,525	3,713	10,418
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	16,286	16,680	15,410	14,774	15,078	14,474	13,125	20,503	16,460	13,196	16,703	17,274	47,172
Total Water & Sewer Sales	48,267	48,099	45,164	44,057	47,048	44,660	44,256	60,791	60,054	43,351	52,778	57,735	153,864
Water Sales - Gallons													0
Government	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	1,744,364	1,786,080	4,851,330
Commercial	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	2,208,624	2,251,240	6,263,864
Residential	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	4,268,133	4,968,091	13,895,683
Water Delivery & Bunkering	85,500	154,000	88,000	105,000	81,500	98,000	72,000	138,000	180,000	154,000	134,000	193,000	481,000
Total	8,558,354	8,548,587	8,506,364	8,363,097	8,814,518	7,984,789	9,003,567	#####	9,521,857	7,938,345	8,355,121	9,198,411	25,491,877

Financial Table 5 Key Performance Indicators – January 2021 – December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022
1a. Non Revenue Power	13.5%	12.2%	9.8%	14.6%	9.3%	10.3%	12.0%	10.6%	9.0%	11.4%	10.1%	8.0%	9.9%
Total Power Generated - kWh	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	1,353,326	1,433,866	4,218,977
Total Power Billed - kWh	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	1,216,037	1,319,041	3,803,387
Generation Loss (actual from Jun 17)	12,764	13,278	12,999	12,662	12,933	13,530	14,156	14,269	12,786	14,324	14,293	14,191	42,808
Distribution Loss Derived - kWh	137,743	107,476	86,783	154,748	80,002	94,161	120,009	104,275	75,298	113,356	89,163	64,788	267,307
Commercial Loss (assumed 2.5%) - kWh	34,242	31,147	34,302	34,705	34,043	34,342	35,339	36,391	33,908	35,795	33,833	35,847	105,474
Total Loss - kWh	184,749	151,901	134,085	202,114	126,978	142,033	169,503	154,936	121,992	163,475	137,289	114,825	415,590
Distribution loss %	10.1%	8.6%	6.3%	11.1%	5.9%	6.9%	8.5%	7.2%	5.6%	7.9%	6.6%	4.5%	6.3%
1b. Non Revenue Water	45.7%	51.0%	56.1%	61.2%	56.6%	56.7%	48.8%	39.6%	46.3%	59.5%	55.0%	56.4%	57.0%
Water Produced (million gallons)	15.76	17.46	19.39	21.53	20.29	18.45	17.57	16.79	17.74	19.60	18.56	21.09	59.25
Water Billed (million gallons)	8.56	8.55	8.51	8.36	8.81	7.98	9.00	10.15	9.52	7.94	8.36	9.20	25
2. Current ratio	2.99	2.90	3.07	3.43	3.07	3.19	3.16	3.37	4.43	4.68	4.72	4.85	4.68
	2.74	2.77	2.96	3.12	2.77	3.03	2.88	3.15	3.87	4.07	4.33	4.17	4.07
	10.34	10.07	8.81	8.13	7.56	6.99	5.74	7.13	17.04	28.40	27.98	30.62	28.40
	3.91	4.26	4.95	5.59	5.00	6.01	5.83	7.34	1.17	4.58	5.53	4.79	4.58
3. ROA (excludes other operating income/grant support)	-0.15%	-0.10%	0.04%	0.04%	-0.10%	0.05%	0.01%	0.25%	0.14%	-0.05%	0.03%	0.04%	0.016%
Power Business	0.00%	0.03%	0.22%	0.19%	0.06%	0.24%	0.23%	0.42%	0.36%	0.21%	0.21%	0.26%	0.679%
Water Business	-0.43%	-0.09%	-0.18%	0.00%	-0.25%	-0.21%	-0.35%	0.18%	0.03%	-0.48%	0.00%	-0.09%	-0.567%
Sewer Business	-0.72%	-0.74%	-0.70%	-0.61%	-0.76%	-0.67%	-0.77%	-0.50%	-0.81%	-0.94%	-0.78%	-0.88%	-2.593%
4. Operating ratio	0.84	0.82	0.77	0.78	0.84	0.79	0.80	0.73	0.76	0.82	0.80	0.80	0.81
Power Business	0.78	0.76	0.72	0.73	0.79	0.74	0.75	0.70	0.71	0.75	0.76	0.76	0.76
Water Business	1.07	0.92	0.97	0.91	1.06	1.04	1.12	0.76	0.90	1.20	0.85	0.84	0.94
Sewer Business	2.20	2.19	2.21	2.00	2.36	2.20	2.62	1.47	2.37	2.87	2.06	2.28	2.37
5. Days in Accounts Receivable	32.73	29.56	26.05	22.24	23.71	24.06	24.84	24.00	21.50	21.81	22.99	20.95	21.81
Power Business	20.26	18.40	17.09	14.79	15.03	16.79	17.82	16.68	15.75	29.04	29.62	26.09	29.04
Water Business	129.47	86.20	60.81	33.14	47.33	19.05	3.81	12.51	85.28	236.87	199.39	191.22	236.87
Sewer Business	204.97	223.91	266.38	263.92	289.37	314.19	379.75	263.05	51.64	241.40	198.95	218.13	241.40

Financial Table 6 – CPUC Performance Against Budget YTD December 2021

CPUC - WHOLE BUSINESS INCOME STATEMENT	FY 2022	Budget YTD	Actual YTD	Variance YTD	Variance %
REVENUE					
Power Operating Revenue	\$7,332,864	\$1,833,216	\$1,817,635	-\$15,581	-0.8%
Water Operating Revenue	\$342,564	\$85,641	\$106,692	\$21,051	24.6%
Sewerage Operating Revenue	\$178,109	\$44,527	\$47,172	\$2,645	5.9%
TOTAL OPERATING REVENUE	\$7,853,537	\$1,963,384	\$1,971,499	\$8,115	0.4%
Other Revenue					
Power	\$7,713	\$1,928	\$14,312	\$12,384	642.3%
Water	\$1,811	\$453	\$7,006	\$6,554	1447.3%
Sewer	\$0	\$0	\$490	\$490	-
OTHER REVENUE TOTAL	\$9,524	\$2,381	\$21,808	\$19,427	816.0%
TOTAL OPERATING REVENUE	\$7,863,061	\$1,965,765	\$1,993,308	\$27,542	1.4%
EXPENDITURE					
Power Variable Cost	\$3,569,429	\$892,357	\$939,649	\$47,292	5.3%
Power Fixed Cost	\$1,796,101	\$449,025	\$442,178	-\$6,848	-1.5%
Water Variable Cost	\$69,348	\$17,337	\$13,752	-\$3,585	-20.7%
Water Fixed Cost	\$382,662	\$95,665	\$86,854	-\$8,811	-9.2%
Sewer Variable Cost	\$112,444	\$28,111	\$29,363	\$1,252	4.5%
Sewer Fixed Cost	\$341,068	\$85,267	\$82,378	-\$2,890	-3.4%
TOTAL OPERATING EXPENSE	\$6,271,052	\$1,567,763	\$1,594,174	\$26,411	1.7%
OPERATING INCOME					
Operating Income Power	\$1,975,047	\$493,762	\$450,120	-\$43,641	-8.8%
Operating Income Water	-\$107,635	-\$26,909	\$13,092	\$40,001	-148.7%
Operating Income Sewer	-\$275,403	-\$68,851	-\$64,078	\$4,772	-6.9%
OPERATING INCOME (Excl Int & Deprec.)	\$1,592,009	\$398,002	\$399,134	\$1,131	0.3%
INTEREST					
Interest Power	\$50,275	\$12,569	\$12,569	\$0	0.0%
Interest Water	\$0	\$0	\$0	\$0	0.0%
Interest Sewer	\$0	\$0	\$0	\$0	0.0%
TOTAL INTEREST	\$50,275	\$12,569	\$12,569	\$0	0.0%
DEPRECIATION					
Depreciation Power	\$1,222,551	\$305,638	\$305,638	\$0	0.0%
Depreciation Water	\$127,776	\$31,944	\$31,944	\$0	0.0%
Depreciation Sewer	\$179,179	\$44,795	\$44,795	\$0	0.0%
TOTAL DEPRECIATION	\$1,529,506	\$382,376	\$382,376	\$0	0.0%
Depreciation as % of Revenue	18.3%	19.5%	19.2%	-0.3%	-1.4%
OPERATING INCOME (Incl. Int. & Deprec.)					
Total Operating Income Power	\$702,221	\$175,555	\$131,914	-\$43,641	-24.9%
Total Operating Income Water	-\$235,411	-\$58,853	-\$18,852	\$40,001	-68.0%
Total Operating Income Sewer	-\$454,582	-\$113,645	-\$108,873	\$4,772	-4.2%
TOTAL OPERATING INCOME (Incl. Int & Deprec.)	\$12,228	\$3,057	\$4,188	\$1,131	37.0%

Power Table 1 Power Operation Indicators – January 2021 – December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022 YTD
Generation Statistics													
Diesel Generation - kWh	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	1,291,420	1,375,707	4,034,242
Peak Generation - kW	2,757	2,579	2,622	2,678	2,624	2,718	2,665	2,822	2,719	2,723	2,569	2,574	2,723
Fuel Consumption - Gallons	87,734	79,671	87,843	88,496	87,706	87,587	90,114	91,563	85,461	92,959	86,435	91,212	270,607
Average Fuel Price (\$/Gallon)	2.53	2.67	2.85	2.93	2.93	3.03	3.15	3.19	3.14	3.22	3.48	3.51	3.40
Load Factor (%)	68%	66%	72%	71%	71%	70%	73%	71%	69%	72%	72%	77%	206%
Capacity Factor (%)	49%	46%	47%	48%	47%	49%	48%	50%	49%	49%	46%	46%	37%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Reserve Plant Margin (%)	183%	202%	197%	191%	197%	187%	193%	176%	187%	186%	204%	203%	186%
Solar PV Generation - kWh	71,008	67,871	65,191	72,770	44,959	68,665	70,684	82,239	63,128	64,670	61,906	58,159	184,735
Solar Generation %	5.2%	5.4%	4.8%	5.2%	3.3%	5.0%	5.0%	5.6%	4.7%	4.5%	4.6%	4.1%	4.4%
Peak PV Generation -kW	501	479	460	513	317	485	499	580	445	456	437	410	1,304
Avoided Fuel - Gallons	4,797	4,590	4,382	4,896	2,995	4,609	4,743	5,483	4,172	4,397	4,143	3,856	12,392
Avoided Cost of Fuel - US\$	12,136	12,256	12,475	14,364	8,783	13,959	14,930	17,491	13,111	14,169	14,412	13,536	42,144
Tons of CO2 avoided	48.4	46.4	44.3	49.4	30.2	46.5	47.9	55.4	42.1	44.4	41.8	38.9	125.2
Labour Productivity (kWh/Emp/d)	1,449	1,315	1,459	1,468	1,470	1,456	1,499	1,533	1,443	1,526	1,441	1,535	4,067
SFOC (kWh/gal)	14.80	14.79	14.88	14.86	15.01	14.90	14.90	15.00	15.13	14.71	14.94	15.08	14.91
DG1 - GE 1.8	15.00	14.89	15.44	15.47	15.64	15.02	15.12	15.33	15.45	14.08	15.41	15.46	14.96
DG2 - GE 1.8	14.78	14.95	14.26	15.32	15.14	15.17	15.14	15.01	15.39	15.53	15.34	15.35	15.41
DG3 - CAT 1.6	12.30	12.00	-	-	-	-	-	-	-	-	-	-	-
DG4 - CAT 1.3	14.40	14.30	14.09	14.01	14.45	14.34	14.34	14.30	14.49	14.72	14.24	14.49	14.49
DG5 - CAT 1.3	0.00	0.00	14.30	14.01	14.26	14.28	13.99	14.50	14.45	14.21	14.03	14.57	14.29
SLOC (kWh/gal)	4,046	1,915	2,368	2,685	1,784	5,000	4,830	6,509	1,478	5,382	3,700	4,220	4,343
DG1 - GE 1.8	4,088	1,491	4,463	6,153	893	4,330	5,110	4,388	1,225	4,149	2,411	5,516	3,619
DG2 - GE 1.8	5,747	3,289	1,223	35	3,280	25,397	6,574	6,109	1,441	8,605	5,485	8,019	7,120
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	2,246	2,238	778	1,879	1,473	2,409	0	0	1,991	2,520	0	0	2,520
DG5 - CAT 1.3	0	0	0	0	2,540	0	1,836	0	1,957	0	0	0	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
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 (%)	25.9%	24.3%	24.7%	25.2%	24.7%	25.6%	25.1%	26.5%	25.6%	25.6%	24.2%	24.2%	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)	0.04	0.00	0.06	0.03	0.07	0.03	0.00	0.13	0.03	0.00	0.07	0.00	0.07
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	0.001
Average Cost (\$/kWh)	0.162	0.171	0.182	0.187	0.189	0.193	0.201	0.201	0.198	0.209	0.222	0.223	0.218

Power Table 2 Power Generation Statistics – January 2021 – December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022 YTD
Generation - Engine Output (kWh)													
DG1 - GE 1.8	531,439	620,314	714,067	799,848	322,213	658,088	531,487	583,542	390,767	423,183	414,720	446,804	1,284,707
DG2 - GE 1.8	551,693	342,023	363,297	9,293	613,330	355,561	519,333	476,480	527,342	490,470	449,768	441,030	1,381,268
DG3 - CAT 1.6	2,152	3,085	0	6,142	68	29	0	0	0	0	0	0	0
DG4 - CAT 1.3	213,398	212,604	73,895	178,479	139,889	228,810	117,606	159,033	189,145	239,398	216,657	210,420	666,475
DG5 - CAT 1.3	0	0	155,638	321,658	241,255	62,520	174,430	154,362	185,920	214,064	210,275	277,453	701,792
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	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	1,291,420	1,375,707	4,034,242
PP Solar F1	9,616	9,140	9,847	10,341	6,808	15,724	8,925	10,531	7,966	8,981	8,079	8,107	25,167
High School Solar F1	18,120	16,440	9,960	13,800	5,880	16,920	19,800	23,040	18,600	16,080	16,320	15,000	47,400
PP Solar F3	15,898	15,328	16,637	17,631	11,520	9,242	15,165	17,848	13,218	13,518	14,526	12,967	41,011
Airport Roof F4	5,700	5,500	5,500	5,800	3,800	4,300	4,800	5,600	4,500	5,300	3,900	3,700	12,900
Airport Carpark F4	15,554	15,409	16,677	18,161	12,034	16,326	15,784	18,099	13,527	15,230	13,254	13,065	41,549
WWTP F4	6,120	6,054	6,570	7,037	4,917	6,153	6,210	7,121	5,317	5,561	5,827	5,320	16,708
Solar PV Generation Total (kWh)	71,008	67,871	65,191	72,770	44,959	68,665	70,684	82,239	63,128	64,670	61,906	58,159	184,735
Total Generation (kWh)	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	1,353,326	1,433,866	4,218,977
Maximum Demand (kW)	2,757	2,579	2,622	2,678	2,624	2,718	2,665	2,822	2,719	2,723	2,569	2,574	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)	7,434	9,050	16,330	16,544	16,009	17,297	17,879	17,906	16,085	17,721	17,302	17,313	52,336
Running Hours													
DG1 - GE 1.8	537	586	660	686	313	599	520	529	345	371	353	380	1,104
DG2 - GE 1.8	562	356	189	204	565	377	450	499	456	422	390	381	1,193
DG3 - CAT 1.6	4	5	0	13	0	0	1	0	0	0	0	0	0
DG4 - CAT 1.3	314	322	115	267	229	334	177	232	295	292	302	318	912
DG5 - CAT 1.3	0	0	222	417	337	95	287	209	465	293	313	369	975
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,417	1,269	1,186	1,587	1,444	1,405	1,435	1,469	1,561	1,378	1,358	1,448	4,184

Power Table 3 Fuel & Lube Oil Statistics January 2021 - December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022 YTD
Fuel Consumption (Gallons)													
DG1 - GE 1.8	35,423	41,667	46,243	51,713	20,601	43,805	35,154	38,059	25,287	30,046	26,917	28,902	85,866
DG2 - GE 1.8	37,320	22,877	25,471	606	40,502	23,445	34,295	31,736	34,258	31,577	29,312	28,739	89,628
DG3 - CAT 1.6	175	257	0	491	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	14,816	14,870	5,245	12,735	9,684	15,960	8,202	11,122	13,049	16,267	15,214	14,523	46,003
DG5 - CAT 1.3	0	0	10,884	22,951	16,919	4,377	12,464	10,646	12,866	15,069	14,993	19,048	49,109
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	87,734	79,671	87,843	88,496	87,706	87,587	90,114	91,563	85,461	92,959	86,435	91,212	270,607
Average Fuel Price (\$/Gallon)	2.53	2.67	2.85	2.93	2.93	3.03	3.15	3.19	3.14	3.22	3.48	3.51	3.40
Lube Oil Consumption (Gallons)													
DG1 - GE 1.8	130	151	160	130	96	152	104	133	54	102	172	81	355
DG2 - GE 1.8	96	104	32	0	187	14	79	78	101	57	82	55	194
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)	226	255	192	130	283	166	183	211	155	159	254	136	549
Oil Change Log (75 Gal/Change)													
DG1 - GE 1.8	0	265	0	0	265	0	0	0	265	0	0	0	0
DG2 - GE 1.8	0	0	265	265	0	0	0	0	265	0	0	0	0
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	95	95	95	95	95	95	0	0	95	95	0	95	190
DG5 - CAT 1.3	0	0	0	0	95	0	95	0	95	0	95	95	190
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	95	360	360	360	455	95	95	0	720	95	95	190	380

Power Table 4 Distribution Feeder Statistics - January 2021 - December 2021

FEEDER STATISTICS	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022
Feeder 1 Load	371,506	333,359	385,947	395,757	383,301	388,106	384,430	405,154	374,979	306,893	290,800	388,924	986,617
Feeder 2 Load	116,516	104,666	114,879	118,793	118,484	119,513	125,783	122,157	116,254	125,297	121,266	123,107	369,670
Feeder 3 Load	433,994	402,707	431,940	429,231	408,751	418,538	438,745	462,271	421,576	440,458	415,210	434,756	1,290,424
Feeder 4 Load	315,797	285,146	313,132	315,891	321,335	321,490	333,415	335,053	320,163	427,082	396,882	350,563	1,174,527
Feeder 5 Load	119,113	106,741	113,191	115,856	116,910	112,496	117,011	116,752	110,544	117,731	114,875	122,325	354,931
Total Feeder Load (kWh)	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	1,339,033	1,419,675	4,176,169
Feeder 1 Sales	316,721	285,656	333,019	336,096	346,302	341,097	326,010	352,878	339,086	328,746	316,425	361,530	1,006,701
Feeder 2 Sales	95,295	99,173	103,326	108,739	111,203	107,076	117,179	117,077	101,557	128,482	104,558	112,449	345,488
Feeder 3 Sales	360,261	344,461	387,825	345,174	364,673	371,493	369,563	400,617	357,538	362,650	365,288	383,976	1,111,914
Feeder 4 Sales	258,874	246,270	267,319	266,434	282,280	269,168	282,725	290,896	288,119	294,163	294,502	313,433	902,098
Feeder 5 Sales	91,280	78,017	87,773	83,367	90,327	83,344	88,524	88,972	84,228	90,342	90,777	95,089	276,209
Total Feeder Sales (kWh)	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	1,171,550	1,266,477	3,642,410
Feeder 1 Loss - kWh	54,785	47,703	52,928	59,661	36,999	47,009	58,420	52,276	35,893	-21,853	-25,625	27,394	-20,084
Feeder 2 Loss - kWh	21,221	5,493	11,553	10,054	7,281	12,437	8,604	5,080	14,697	-3,185	16,708	10,658	24,182
Feeder 3 Loss - kWh	73,733	58,246	44,115	84,057	44,078	47,045	69,182	61,654	64,038	77,808	49,922	50,780	178,510
Feeder 4 Loss - kWh	56,923	38,876	45,813	49,457	39,055	52,322	50,690	44,157	32,044	132,919	102,380	37,130	272,429
Feeder 5 Loss - kWh	27,833	28,724	25,418	32,489	26,583	29,152	28,487	27,780	26,316	27,389	24,098	27,236	78,722
Total Feeder Loss - kWh	234,494	179,043	179,828	235,719	153,995	187,964	215,382	190,948	172,989	213,078	167,483	153,198	533,759
Feeder 1 Loss - %	14.7%	14.3%	13.7%	15.1%	9.7%	12.1%	15.2%	12.9%	9.6%	-7.1%	-8.8%	7.0%	-2.0%
Feeder 2 Loss - %	18.2%	5.2%	10.1%	8.5%	6.1%	10.4%	6.8%	4.2%	12.6%	-2.5%	13.8%	8.7%	6.5%
Feeder 3 Loss - %	17.0%	14.5%	10.2%	19.6%	10.8%	11.2%	15.8%	13.3%	15.2%	17.7%	12.0%	11.7%	13.8%
Feeder 4 Loss - %	18.0%	13.6%	14.6%	15.7%	12.2%	16.3%	15.2%	13.2%	10.0%	31.1%	25.8%	10.6%	23.2%
Feeder 5 Loss - %	23.4%	26.9%	22.5%	28.0%	22.7%	25.9%	24.3%	23.8%	23.8%	23.3%	21.0%	22.3%	22.2%
Total Feeder Loss - %	17.3%	14.5%	13.2%	17.1%	11.4%	13.8%	15.4%	13.2%	12.9%	15.0%	12.5%	10.8%	12.8%

Power Table 5 Customer Energy Use By Category and By Feeder - December 2021

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	355	1,161	6,635
F02	237	1,116	2,919
F03	282	2,091	461
F04	246	3,064	508
F05	188	649	667
Total	262	1,616	2,238

Power Table 6 Power Distribution Statistics – January 2021 – December 2021

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

Power Table 7 Power Outage Statistics – January 2021 – December 2021

	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	FY2022 YTD
Duration of Outages (Hrs)													
Forced - Generation	0.0	0.0	0.0	0.0	0.2	0.0	0.0	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Forced - Distribution	0.2	0.0	1.8	0.8	2.0	0.7	0.0	3.6	0.8	0.0	1.4	0.0	1.4
Feeder 1	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 2	0.0	0.0	0.0	0.8	0.2	0.7	0.0	3.6	0.8	0.0	0.0	0.0	0.0
Feeder 3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feeder 4	0.0	0.0	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4
Feeder 5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Planned - Distribution	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4
Feeder 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4
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	0.9	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 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)	1.1	0.0	1.8	0.8	2.0	0.7	0.0	3.6	0.8	0.0	1.8	0.0	1.8

Water Table 1 Water Production & Sales Data Statistics – January 2021 – December 2021

COMPANY WIDE DATA	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	FY2022 YTD
Water Production (Gallons)													
WTP Output (from Pou reservoir)	457,600	0	0	0	360,100	329,500	0	0	0	1,004,700	2,732,700	3,162,700	6,900,100
Well Production (into supply)	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	15,831,300	17,927,500	52,352,900
Volume into network	15,763,500	17,461,500	19,390,900	21,528,260	20,287,100	18,449,500	17,571,600	16,792,900	17,735,700	19,598,800	18,564,000	21,090,200	59,253,000
Water Volume Billed (Gallons)													
Commercial	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	2,208,624	2,251,240	6,263,864
Government (excludes hospital)	815,160	1,248,580	869,560	864,160	784,090	960,210	746,911	586,728	927,804	651,886	917,064	958,180	2,527,130
Government Hospital	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	827,300	827,900	2,324,200
Residential	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	4,268,133	4,968,091	13,895,683
Water Delivery and Bunkering	85,500	154,000	88,000	105,000	81,500	98,000	72,000	138,000	180,000	154,000	134,000	193,000	481,000
Total	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	8,355,121	9,198,411	25,491,877
NRW	7,205,146	8,912,913	10,884,536	13,165,163	11,472,582	10,464,711	8,568,033	6,646,786	8,213,843	11,660,455	10,208,879	11,891,789	33,761,123
Volume	45.7%	51.0%	56.1%	61.2%	56.6%	56.7%	48.8%	39.6%	46.3%	59.5%	55.0%	56.4%	57.0%
Production (Gallons)													
WTP (production less storage difference)	457,600	0	0	0	360,100	329,500	0	0	0	1,004,700	2,732,700	3,162,700	6,900,100
Deep Wells	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	15,831,300	17,927,500	52,352,900
Total Production	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	18,564,000	21,090,200	59,253,000
Volume Billed (Gallons)													
Commercial	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	2,208,624	2,251,240	6,263,864
Government (excludes hospital)	815,160	1,248,580	869,560	864,160	784,090	960,210	746,911	586,728	927,804	651,886	917,064	958,180	2,527,130
Government Hospital	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	827,300	827,900	2,324,200
Residential	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	4,268,133	4,968,091	13,895,683
Water Delivery and Bunkering	85,500	154,000	88,000	105,000	81,500	98,000	72,000	138,000	180,000	154,000	134,000	193,000	481,000
Total	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	8,355,121	9,198,411	25,491,877
NRW	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Sep-22
Production	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	18,564,000	21,090,200	59,253,000
Billed Volume	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	8,355,121	9,198,411	25,491,877
NRW Volume	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	10,208,879	11,891,789	33,761,123
NRW Percentage	45.7%	51.0%	56.1%	59.9%	56.6%	56.7%	48.8%	39.6%	46.3%	59.5%	55.0%	56.4%	57.0%
Invoiced Water Value (USD)													
Water Delivery and Bunkering	1,815	2,483	2,798	1,773	2,679	1,772	1,483	2,212	6,987	4,222	4,648	6,560	15,430
Commercial	9,087	9,979	8,689	9,034	9,458	8,453	11,288	16,641	10,798	10,062	11,270	12,231	33,563
Government (includes hospital)	11,467	10,212	9,544	8,982	9,274	9,050	9,549	8,858	10,345	7,091	9,461	9,686	26,237
Residential	11,428	11,242	12,293	12,091	13,047	11,248	12,345	12,720	13,466	11,195	10,531	12,126	33,852
Total	33,796	33,916	33,325	31,881	34,458	30,523	34,665	40,431	41,597	32,570	35,910	40,603	109,083
Sewer Charges (USD)													
Commercial	3,376	4,248	3,343	3,455	3,730	3,608	4,678	7,541	3,875	3,990	4,781	4,876	13,647
Commercial - w/o water	2,871	2,871	2,942	2,801	2,801	2,816	2,816	2,816	2,816	2,799	2,799	2,799	8,398
Government	5,712	5,055	4,742	4,423	4,572	4,427	4,707	4,337	5,017	3,474	4,638	4,686	12,799
Residential	931	960	1,043	1,077	1,056	956	1,020	1,114	1,260	920	911	1,077	2,909
Residential w/o water	2,560	2,574	2,570	2,550	2,531	2,589	2,597	2,630	2,650	2,620	2,644	2,906	8,169
Total	15,451	15,708	14,640	14,306	14,690	14,394	15,818	18,438	15,617	13,804	15,774	16,345	45,923

Water Table 2 Water/Sewer Connection Data – January 2021 – December 2021

Connection Information	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	FY2022 YTD
Water Connection Data (Total Active)	485	491	495	492	495	500	510	513	516	517	522	525	525
Commercial - Billed	88	89	89	90	89	88	94	94	93	92	92	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	22,564	19,782	20,993	19,334	20,226	17,968	23,168	34,274	23,348	19,609	24,007	24,470	68,085
Government - Billed	18	20	22	17	18	22	24	24	24	25	26	27	27
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	45,287	62,429	39,525	50,833	43,561	43,646	31,121	24,447	38,659	26,075	35,272	35,488	93,597
Hospital - Billed	1	1	1	1	1	1	1	1	1	1	1	1	1
Hospital - Disconnected	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Hospital Avge Consumption - Gall/conn/mth	1,417,300	1,096,200	979,900	939,300	1,058,100	824,700	1,049,400	1,038,200	931,900	669,000	827,300	827,900	2,324,200
Residential - Billed	378	381	383	384	387	389	391	394	398	399	403	405	405
Residential - Disconnected	0	0	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	11,256	11,258	12,273	12,277	13,154	11,621	12,679	13,100	13,344	11,678	10,591	12,267	34,310
Sewer Connection Data (Total Registered)	576	588	592	578	585	591	601	599	606	601	602	619	619
Commercial Billed	50	54	54	57	54	54	60	55	57	57	55	57	57
Commercial Billed w/o water	54	54	55	49	52	51	51	52	52	51	51	51	51
Government Billed	18	20	22	17	18	19	21	22	22	21	22	23	23
Residential Billed	207	212	213	209	216	220	220	219	222	220	220	230	230
Residential Billed w/o water	247	248	248	246	245	247	249	251	253	252	254	258	258
STP Inflow (MG/month)	26.5	23.3	30.5	21.2	38.8	21.2	30.5	17.7	27.9	31.6	28.0	30.2	89.9

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

ZONAL NRW - December 2021					ZONAL NRW - FY2022				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	200,000	249,328	-49,328	-25%	1	600,000	568,394	31,606	5%
2	16,446,200	6,299,176	10,147,024	62%	2	45,596,000	17,920,995	27,675,005	61%
3	5,000	4,500	500	10%	3	15,000	11,500	3,500	23%
4	1,305,700	205,640	1,100,060	84%	4	3,236,500	756,568	2,479,932	77%
5	0	0	0	0%	5	0	0	0	-
6	2,269,000	1,557,691	711,309	31%	6	7,270,400	4,096,062	3,174,338	44%
7	70,000	335,470	-265,470	-379%	7	210,000	726,210	-516,210	-246%
8	794,300	353,614	440,686	55%	8	2,325,100	931,172	1,393,928	60%
Water Delivery/Bunker		193,000			Water Delivery/Bunker		481,000		
Total	21,090,200	9,198,419	11,891,781	56.4%	Total	59,253,000	25,491,901	33,761,099	57.0%

ZONAL WATER CONSUMPTION - December 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	35,300	124,090	-	14,988	1	97,400	286,690	-	30,713
2	25,574	31,112	-	11,238	2	70,992	77,728	-	33,068
3	-	-	-	2,250	3	-	-	-	5,750
4	-	-	-	12,853	4	-	-	-	47,286
5	-	-	-	0	5	-	-	-	-
6	3,216	-	827,900	525	6	11,894	-	2,324,200	39,822
7	-	42,800	-	36,584	7	-	243,100	-	60,389
8	-	38,543	-	8,122	8	-	99,702	-	22,086
Total	64,090	236,545	827,900	86,559	Total	19,609	26,075	669,000	11,678

Work Order Summary – End December 2021

Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	20	9	17	0	19	10
INTERNAL POWER	1	1	1	0	1	1
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	1	2	2	0	1	2
POWER	9	1	1	0	5	5
REVENUE	20	9	12	0	7	22
SEWER	10	20	21	0	13	17
WATER	42	78	79	0	43	77
TOTAL ALL WORK ORDERS	103	120	133		89	134

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End
INTERNAL MAINTENANCE	19.4%	7.5%	-	7.5%
INTERNAL POWER	1.0%	0.8%	-	0.7%
INTERNAL SEWER	0.0%	0.0%	-	0.0%
INTERNAL WATER	1.0%	1.7%	-	1.5%
POWER	8.7%	0.8%	50.0%	3.7%
REVENUE	19.4%	7.5%	24.1%	16.4%
SEWER	9.7%	16.7%	43.3%	12.7%
WATER	40.8%	65.0%	35.8%	57.5%
TOTAL ALL WORK ORDERS			39.9%	

Administration Table 1 H&S Statistics – December 2021



FY2022 HEALTH & SAFETY REPORT December 2021

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	December 2021						YEAR TO DATE - FY2021					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	18	2,727	0	0	0	0	0	7,955	0	0	0	0	0
Maintenance	6	909	0	0	0	0	0	2,727	0	0	0	0	0
Power Distribution	19	2,843	0	0	0	0	0	8,234	0	0	0	0	0
Water & Sewer	23	3,551	0	0	0	0	0	10,220	0	0	0	0	0
Finance & Admin.	19	2,712	0	0	0	0	0	7,681	0	0	0	0	0
Tonoas Power Distribution	6	809	0	0	0	0	0	2,281	0	0	0	0	0
ADB Funded - PMU STAFF	4	648	0	0	0	0	0	1,811	0	0	0	0	0
TOTAL	95	14,199	0	0	0	0	0	40,909	0	0	0	0	0

FA - Number of First Aid cases **Total Hours Without Incident - Whole Company** **1,225,733**
 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	December 2021		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	18	114	0	114
Maintenance	6	69	0	69
Power Distribution	19	129	0	129
Water & Sewer	23	178	0	178
Finance & Admin.	19	60	0	60
Tonoas Power Distribution	6	40	0	40
ADB Funded - PMU STAFF	4	20	0	20
TOTAL	95	610	0	610
Sick Hours as Percentage of Total Hours Worked		4.3%	0.0%	4.3%

Year To Date FY2022		
Total Hours Sick	Accident Related	Poor Health
253	0	253
109	0	109
368	0	368
542	0	542
309	0	309
74	0	74
98	0	98
1,754	0	1,754
4.3%	0.0%	4.3%

DEPARTMENT	Number of Staff	December 2021		
		Total Hours Sick	Accident Related	Poor Health
Sick Hours as Percentage of Total Hours Worked				
Power Generation	18	4.2%	0.0%	4.2%
Maintenance	6	7.6%	0.0%	7.6%
Power Distribution	19	4.5%	0.0%	4.5%
Water & Sewer	23	5.0%	0.0%	5.0%
Finance & Admin.	19	2.2%	0.0%	2.2%
Tonoas Power Distribution	6	4.9%	0.0%	4.9%
ADB Funded - PMU STAFF	4	3.0%	0.0%	3.0%
TOTAL	95	4.3%	0.0%	4.3%

Administration Table 2 Attendance Summary – December 2021 & FY 2022

DEPARTMENT	December 2021								YEAR TO DATE - FY2022							
	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
		Regular	Overtime						Regular	Overtime						
Power Generation	18	2,556	172	83	114	90	3,014	0	7,416	539	418	253	514	9,140	123	2.8%
Maintenance	6	882	27	68	69	41	1,086	0	2,607	120	325	109	86	3,247	0	3.4%
Power Distribution	19	2,732	111	219	129	206	3,397	0	7,790	444	1,063	368	491	10,156	8	3.6%
Water & Sewer	23	3,155	395	188	178	215	4,132	0	9,351	869	972	542	542	12,276	0	0.0%
Finance & Admin.	19	2,641	71	220	60	240	3,232	148	7,441	240	1,075	309	673	9,738	352	3.2%
Tonoas Power Distribution	6	809	0	60	40	24	933	0	2,281	0	289	74	52	2,696	0	0.0%
ADB	4	629	19	48	20	13	729	0	1,729	82	236	98	75	2,220	0	4.4%
TOTAL EMPLOYEES	95	13,405	795	885	610	829	16,522	148	38,615	2,294	4,378	1,754	2,433	49,473	484	3.5%

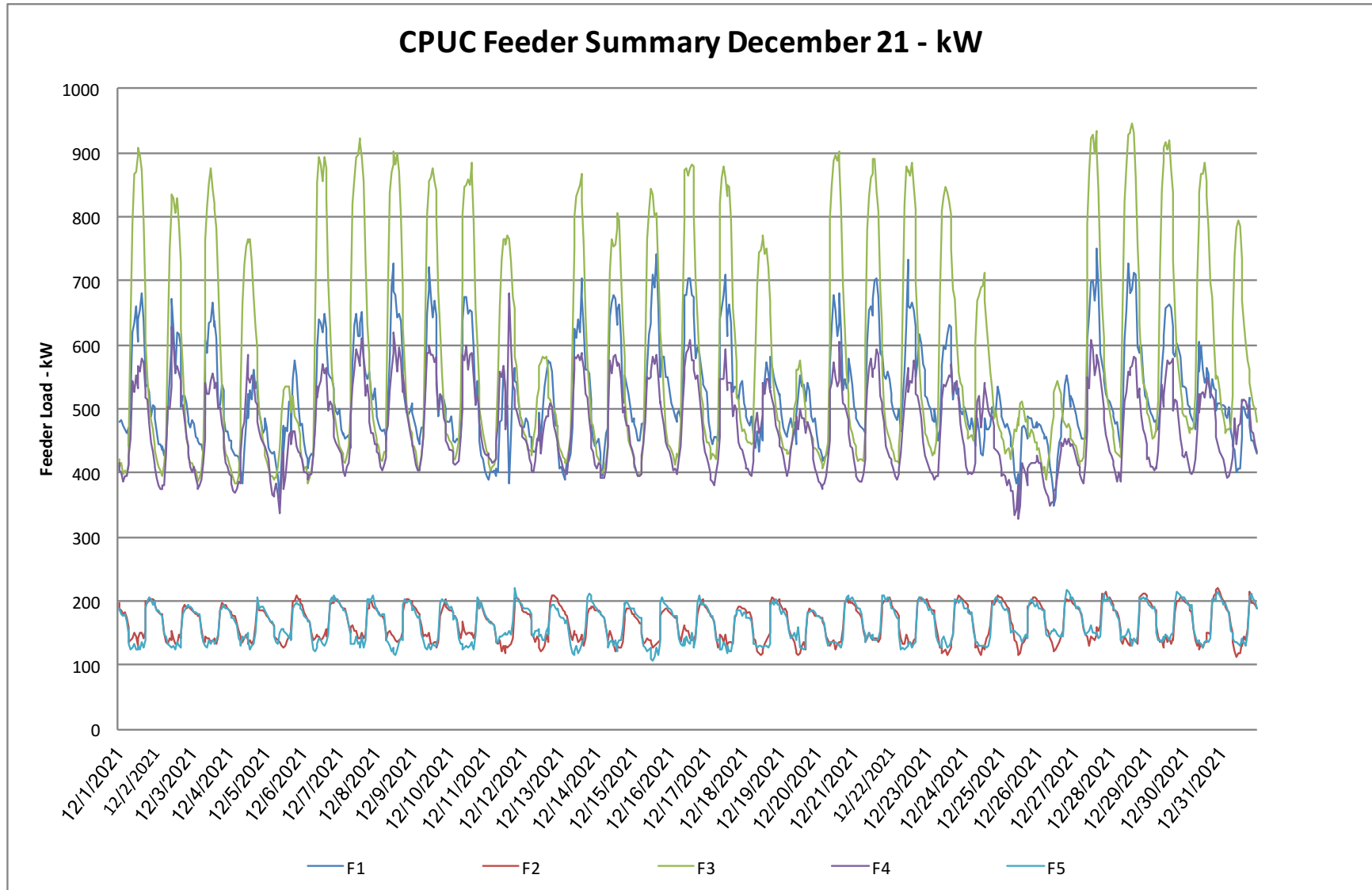
REGULAR STAFF	91	12,775	776	837	590	816	15,794	148	36,886	2,211	4,142	1,656	2,358	47,253	484	0
Hours as % of Total Hours Claimed		80.9%	4.9%	5.3%	3.7%	5.2%		0.9%	78.1%	4.7%	8.8%	3.5%	5.0%		1.0%	

ADB Funded - PMU STAFF	4	629	19	48	20	13	729	0	1,729	82	236	98	75	2,220	0
Hours as % of Total Hours Claimed		86.4%	2.6%	6.6%	2.7%	1.7%		-	77.9%	3.7%	10.6%	4.4%	3.4%		0.0%

CAPEX Table 1 Capex Summary Sheet – December 2021

Chuuk Public Utility Corporation								
Capex Summary Sheet as of December 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	1,806,450	1,806,450	0	3,193,550	1,689,786	3,310,214	-116,664
FY 2021 Professional management D21AF10034-00	164,808	164,808	164,808	0	0	164,808	0	0
Total	6,385,506.00	2,822,839.29	2,822,839.29	0.00	3,562,666.71	2,740,292.00	3,645,214.00	-82,547.29

Graph Showing Feeder Loads in kW - December 2021



Graph Showing Generation Output in kW – December 2021

