

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2022 – July 2022



Issued: 15 August 2022

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	July 22 US\$	FY2022	US\$/kWh Sold		US\$/kWh Generated	
			Jul-22	FY2022	Jul-22	FY2022
Revenue	796,154	7,127,558	0.674	0.578	0.605	0.519
Variable Costs	474,481	3,775,393	0.402	0.306	0.361	0.275
Fixed Costs	228,594	2,078,328	0.194	0.169	0.174	0.151
Total Expenses	703,075	5,853,720	0.595	0.475	0.535	0.427
Operating result	93,079	1,273,838	0.079	0.103	0.071	0.093
Power generation	1,314,886	13,720,076				
<i>Diesel</i>	1,256,561	13,071,316				
<i>Solar</i>	58,325	648,760				
<i>Solar PV as % of Total Generation</i>	4.4%	4.7%				
<i>Avoided Cost of Fuel - US\$</i>	20,798	175,533	Feeder	Conns	Jul-22	FY2022
<i>Tons of CO2 Avoided</i>	38.8	437.5	F1	488	360,319	3,619,438
Government Sales	215,397	2,293,170	F2	525	111,733	1,168,092
Commercial Sales	509,703	5,208,686	F3	442	410,490	4,242,606
Residential Sales	384,978	4,053,381	F4	426	293,116	3,348,765
Intercompany Sales	70,836	776,064	F5	511	124,148	1,194,027
Sales Accrual	0	0	Tonoas	156	14,290	61,938
Total Sales	1,180,915	12,331,301				
Power Loss	10.2%	10.1%	Total	2,547	1,314,097	13,634,867
Operating ratio	0.89	0.84				
Water Produced - Gallons	16,890,200	18,4378,189				
Water Sold - Gallons	8,754,559	84,584,631				
Non Revenue Water	48.2%	54.1%				

Daily generated output in July was 42,416 kWh/day an decrease of 2.6% on June. Average daily sales were 38,094 kWh/day – 0.9% lower than June. Total power loss was 10.2% in July. The total power loss for FY2022 YTD is 10.1%.

Average fuel efficiency for July was 15.20 kWh/gallon – and 14.98 kWh/gallon YTD.

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

Government – 18.2%; Commercial – 42.2%; Residential – 32.9%; Intercompany – 6.3 %; Accrual - 0.0%;

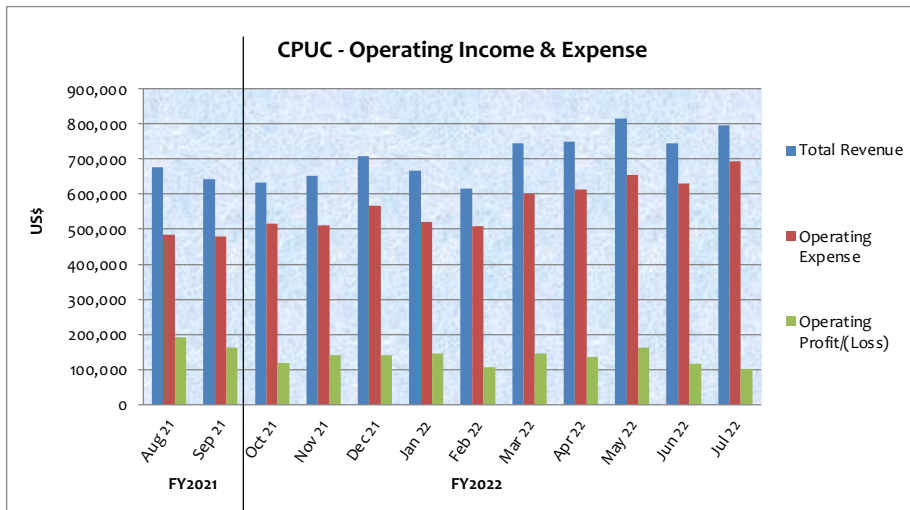
Solar PV generation in July 2022 was 58,325 kWh or 4.4 % of total generation. The avoided cost of fuel was US\$20,798 and the amount of Carbon Dioxide avoided was 38.8 tons.

The operating result for July 2022 is US\$93,079 before interest and depreciation; with an operating ratio of 0.89 for June and 0.84 YTD.

The NRW in July was 48.2% with 54.1% YTD. Control of water production remains a critical issue.

The whole business operating result YTD is US\$-42,647 which is lower than budget for the same period by US\$51,818.

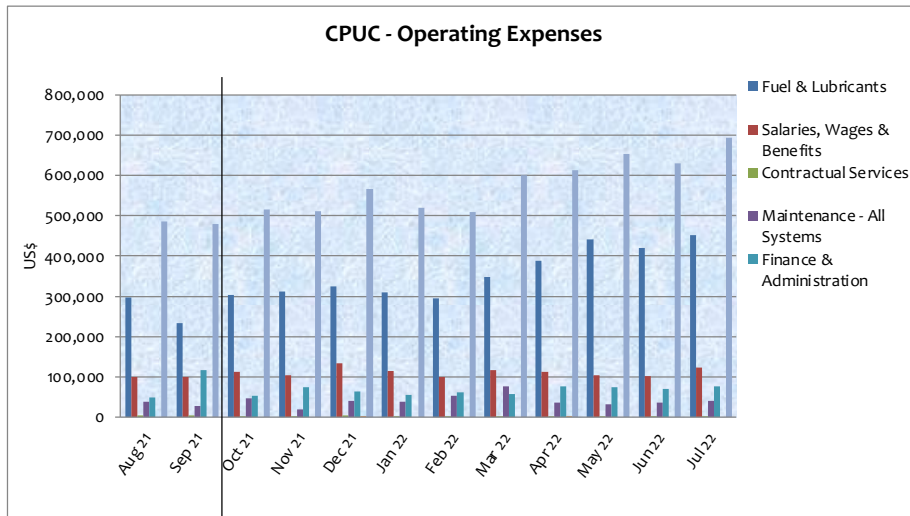
1 FINANCIAL PERFORMANCE GRAPHS



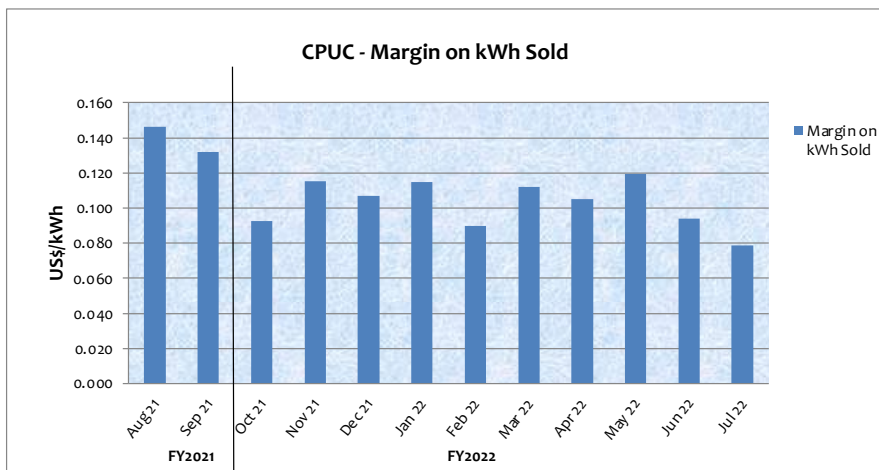
1.1 Key Points:

Operating income for July 2022 – US\$ 93,079

Operating ratio: YTD 0.84;

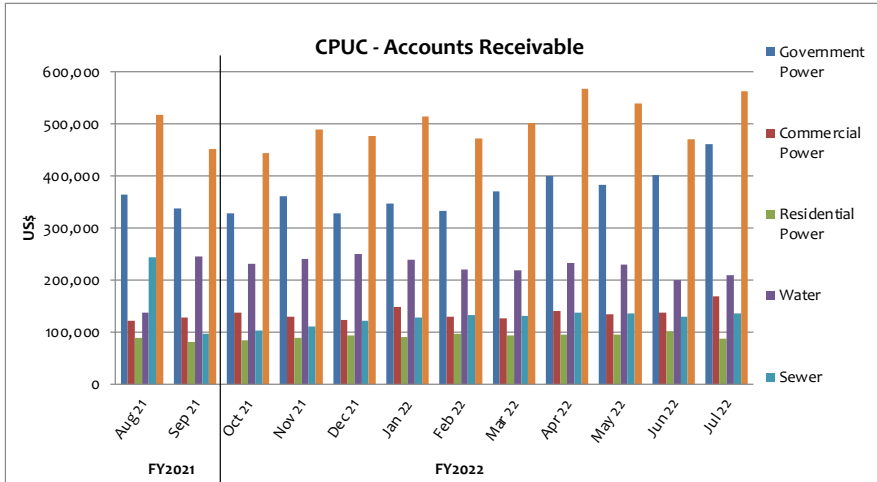


1.2 Key Points:

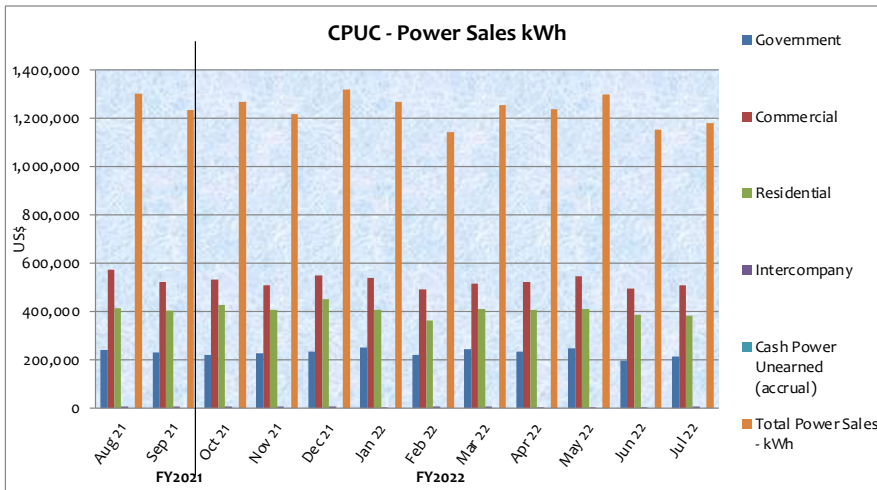


1.3 Key Points:

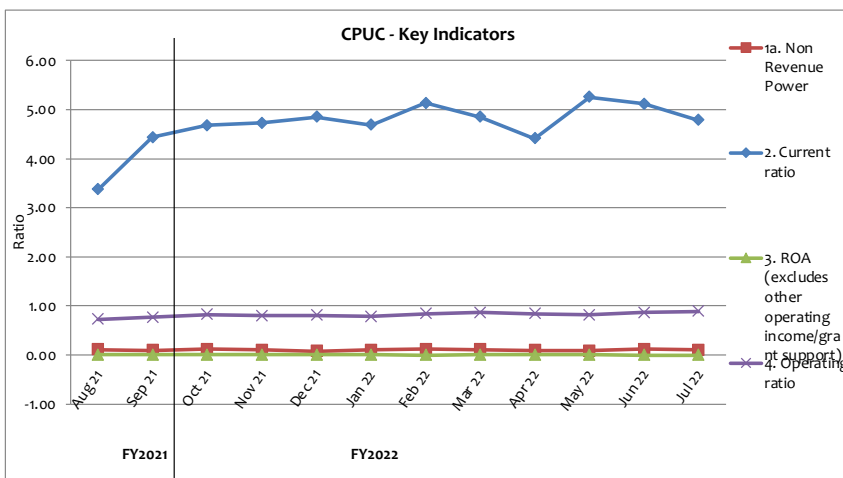
May US\$0.079/kWh sold.



1.4 Key Points:

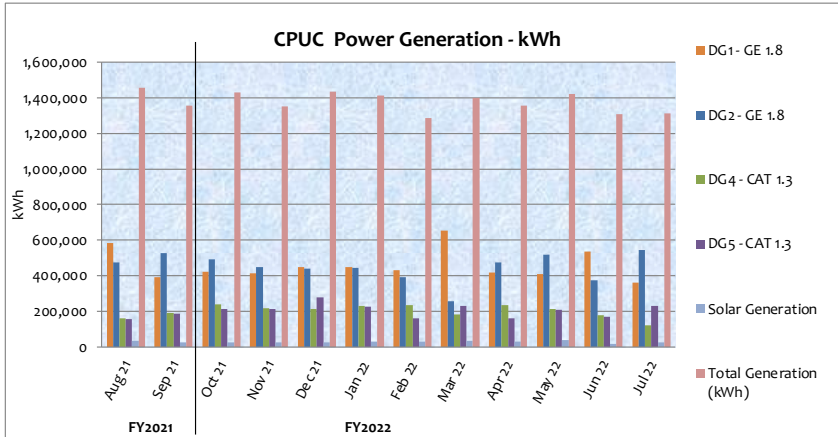


1.5 Key Points:

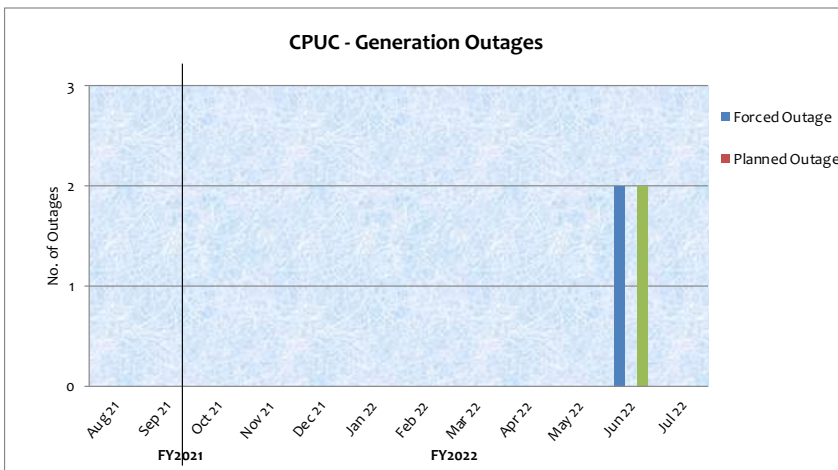


1.6 Key Points:

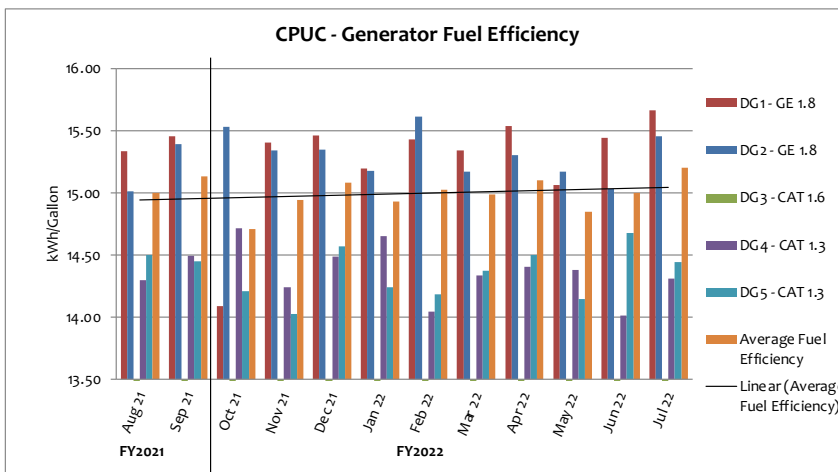
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:

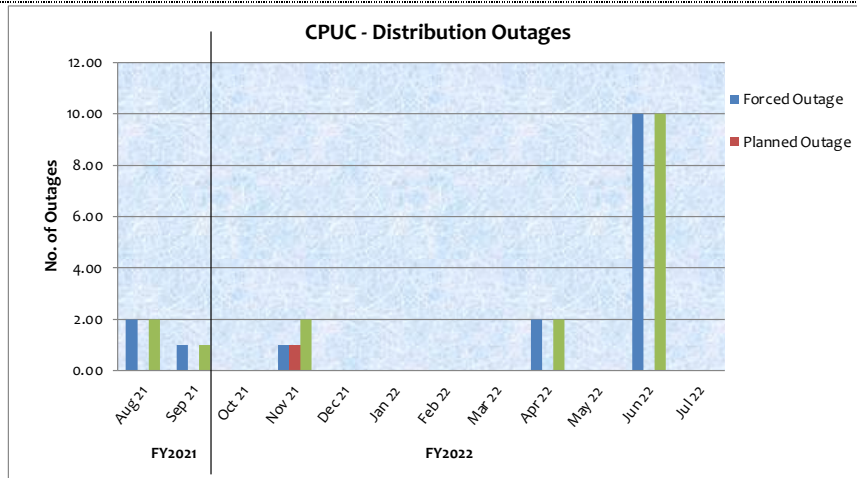


2.2 Key Points:

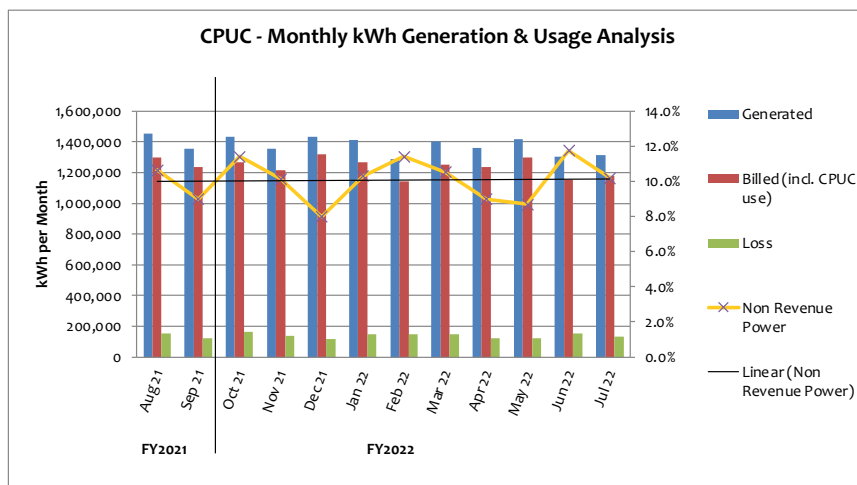


2.3 Key Points:

Avge fuel efficiency July 2022 – 15.2 kWh/gall.

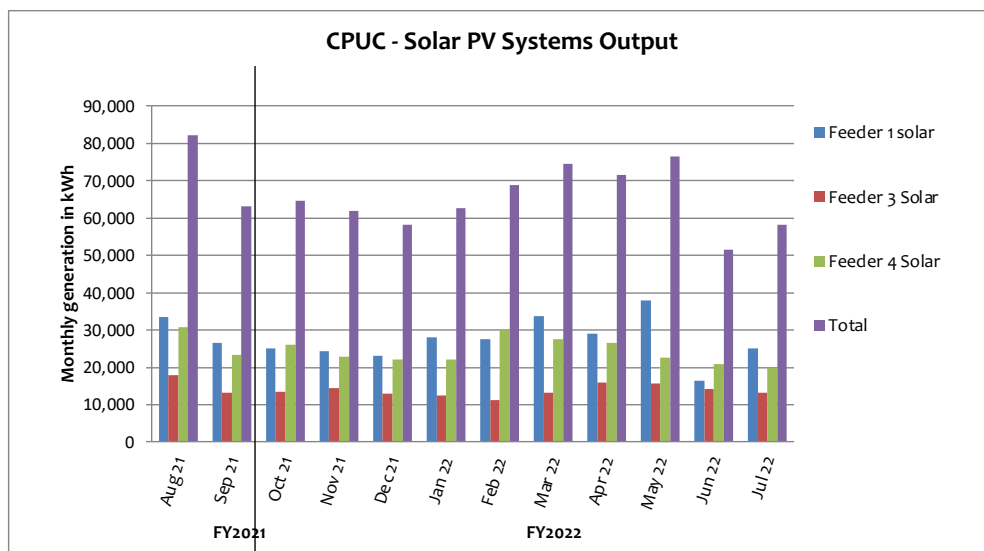


2.4 Key Points



2.5 Key Points:

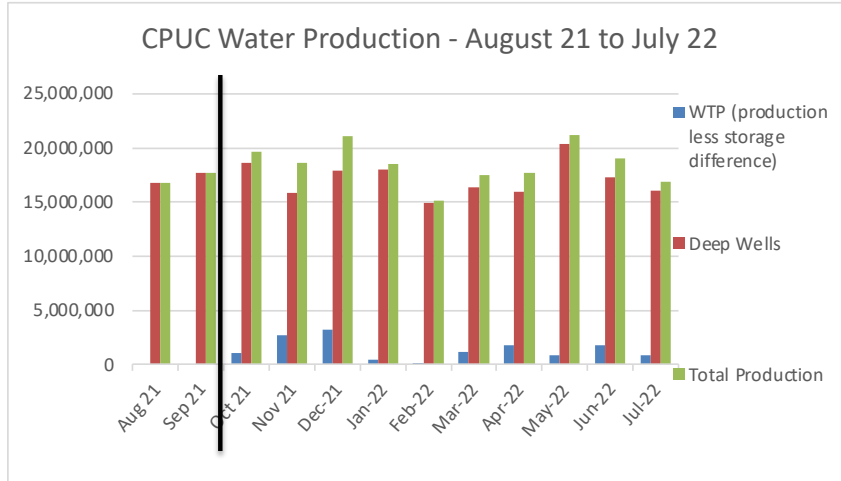
Power loss for July 2022 – 10.2%;
YTD 10.1%



2.6 Key Points:

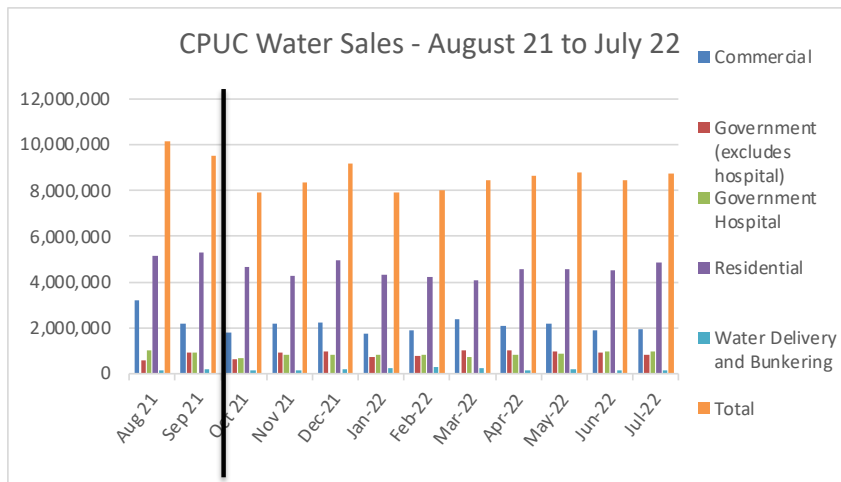
Solar PV accounted for 4.4% of CPUC generation in July 2022;
The avoided cost of fuel was US\$20,798; and
Avoided Tons of CO₂ was 38.8 Tons;

3 WATER PERFORMANCE GRAPHS

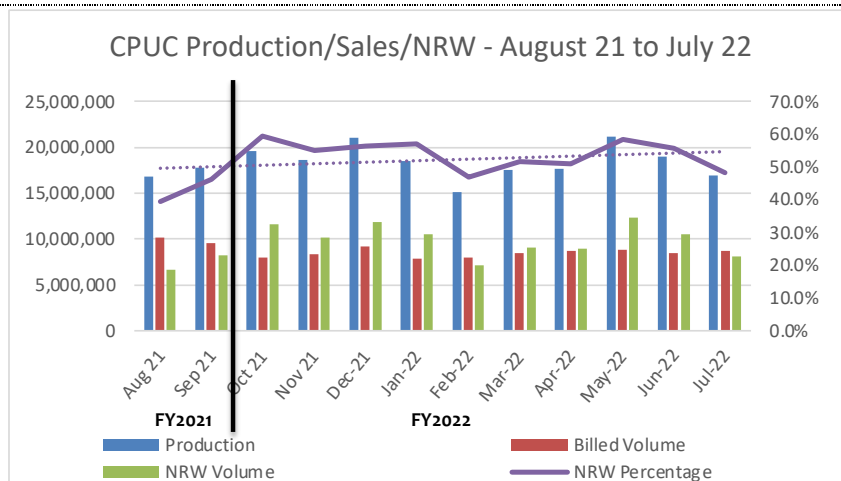


1 Key Points:

28 wells are capable of production; system in process of being optimized to balance production with demand;



Key Points:



Key Points:

Financial Table1 P & L Statement – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Revenue - US\$													
Operating revenue:													
a. Power Sales	606,046	570,077	585,817	585,446	646,372	611,094	562,351	644,629	688,513	759,375	690,467	737,941	6,512,005
b. Water Sales	40,288	43,594	30,155	36,075	40,461	35,769	33,896	38,079	38,022	33,606	33,602	35,263	354,929
c. Sewer Sales	20,503	16,460	13,196	16,703	17,274	15,917	14,335	16,972	10,544	16,010	14,381	15,326	150,657
d. Other operating revenue	8,932	12,789	4,373	13,862	3,573	3,029	4,783	46,427	11,996	6,940	7,359	7,624	109,967
Revenue - Total	675,769	642,921	633,541	652,086	707,681	665,809	615,366	746,107	749,075	815,931	745,809	796,154	7,127,558
Expenses - US\$													
Fuel & Lubricants	296,241	234,123	303,659	311,684	324,306	310,073	293,765	348,302	387,564	442,150	419,719	452,628	3,593,851
Salaries, Wages & Benefits	99,256	99,928	111,197	103,942	134,445	113,979	98,822	117,263	111,706	103,905	101,961	122,524	1,119,742
Contractual Services	3,687	3,641	2,590	2,568	3,249	2,614	2,210	2,486	2,591	2,458	2,417	2,650	25,833
O&M - Power Generation	10,789	7,969	12,062	3,351	13,481	1,716	11,872	23,173	9,660	11,053	1,977	21,471	109,816
O&M - Power Distribution	8,179	4,811	5,268	1,220	8,938	23,235	17,724	14,936	6,422	10,493	3,189	1,970	93,394
O&M - Water	2,887	4,489	5,007	538	1,148	2,261	4,293	20,867	5,362	5,571	8,650	5,034	58,731
O&M - Sewer	0	264	2,239	0	463	3,415	834	42	0	1,262	50	205	8,510
Finance & Administration Overheads	29,678	96,420	30,784	55,695	43,115	38,260	45,633	35,847	56,252	50,603	50,879	58,439	465,507
Vehicle & Eq. Fuel	16,070	9,293	21,955	14,174	15,728	7,116	17,832	16,436	13,879	3,209	22,182	11,368	143,879
CPUC Power Usage (incl. in O&M from Oct 15)	18,557	19,366	21,243	18,634	21,158	17,533	16,313	20,451	19,334	23,489	19,170	17,851	195,176
Tonoas Power Usage	0	0	0	0	0	0	3,506	5,524	6,190	6,875	7,141	8,769	38,004
Tonoas Distribution Expense	0	0	0	0	0	0	287	153	156	0	168	168	931
Support to Energy Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Training	0	0	0	0	332	0	0	0	14	0	0	0	346
Expense - Total	485,343	480,305	516,005	511,806	566,363	520,203	513,091	605,479	619,129	661,067	637,503	703,075	5,853,720
Operating Income/(Loss)	190,426	162,616	117,536	140,280	141,318	145,606	102,275	140,628	129,946	154,864	108,306	93,079	1,273,838
Non-Cash Expenses - US\$													
Depreciation	121,808	121,808	127,459	127,459	127,459	127,459	127,459	127,459	127,459	127,459	127,459	127,459	1,274,588
Interest Expense	4,203	4,203	4,190	4,190	4,190	4,190	4,190	4,190	4,190	4,190	4,190	4,190	41,896
Non-Cash Expense - Total - US\$	126,011	126,011	131,648	131,648	131,648	131,648	131,648	131,648	131,648	131,648	131,648	131,648	1,316,484
Net Income/(Loss) - excluding grant support - US\$	64,416	36,605	-14,113	8,632	9,669	13,958	-29,373	8,979	-1,703	23,216	-23,342	-38,569	-42,647
Non-operating Income (Grant Support) - US\$	733	2	1,661	150	332	-21	-4	17	13	609	21	2,000	4,779
Net Income/(Loss) - including grant support - US\$	65,149	36,607	-12,451	8,782	10,001	13,936	-29,378	8,996	-1,689	23,825	-23,321	-36,569	-37,867

Financial Table 2 Cash Flow and A/R Report – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022YTD
Cash Flow Report - US\$													
Receipts	522,537	672,570	560,267	766,134	654,840	603,014	517,162	655,821	770,914	683,946	936,486	773,196	6,921,779
Disbursements	530,312	890,806	698,296	533,466	491,623	725,297	573,702	659,579	699,008	670,519	868,736	824,981	6,745,208
Net receipts/Disbursements	-7,774	-218,236	-138,030	232,668	163,217	-122,283	-56,540	-3,758	71,906	13,427	67,750	-51,785	176,572
Cash balance (beginning)	1,331,862	1,324,087	1,508,565	1,370,535	1,603,203	1,766,420	1,644,137	1,587,597	1,583,839	1,655,745	1,669,172	1,736,922	1,583,839
Cash balance (end)	1,324,087	1,105,851	1,370,535	1,603,203	1,766,420	1,644,137	1,587,597	1,583,839	1,655,745	1,669,172	1,736,922	1,685,137	1,655,745
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)	1,322,394	1,104,158	1,368,841	1,601,509	1,764,726	1,642,444	1,585,903	1,582,145	1,654,052	1,667,478	1,735,228	1,683,444	1,654,052
Stocks	1,168,505	1,230,389	1,216,722	1,214,748	1,218,993	1,212,318	1,234,674	1,238,172	1,341,625	1,452,778	1,478,434	1,453,861	1,341,625
Trade Receivable	516,334	451,544	442,642	489,184	475,747	513,803	471,951	501,539	566,025	539,345	470,462	561,899	566,025
Prepaid Lease	222,942	220,880	218,818	216,756	214,694	212,632	210,571	344,593	361,467	358,116	392,979	394,685	361,467
Collateral with Vital Inc.	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	356,424	499,424	499,424	356,424
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	1,127,849	876,291	958,158	915,012	978,299	1,021,731	934,060	1,020,875	1,152,587	939,459	1,029,972	1,075,899	1,152,587
Loans Payable	3,252,214	3,256,416	3,283,623	3,287,813	3,292,003	3,157,098	3,161,288	3,165,478	3,169,668	3,173,858	3,255,065	3,119,182	3,169,668
Total Accounts Receivable (to date) - US\$													
Government Power	363,428	337,434	327,286	360,098	327,389	346,721	332,829	369,954	398,994	383,277	401,869	460,428	398,994
Commercial Power	122,115	128,825	137,476	129,245	123,352	149,161	129,631	127,027	141,188	134,494	138,065	168,855	141,188
Residential Power	88,922	81,395	84,078	88,686	93,252	91,098	96,724	93,592	94,852	95,769	100,945	87,303	94,852
Water	138,148	245,813	230,417	239,762	249,579	238,644	219,852	218,424	233,264	229,733	199,655	209,270	233,264
Sewer	243,093	97,448	102,756	110,766	121,546	127,551	132,285	131,913	137,099	135,443	130,033	136,148	137,099
Allowance for Doubtful	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-439,371	-500,104	-500,104	-439,371
Total	516,334	451,544	442,642	489,184	475,747	513,803	471,951	501,539	566,025	539,345	470,462	561,899	442,642

Financial Table 4 Water Sales Report – August 2021 – July 2022

Water/Sewer Sales Report	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	8,858	10,090	7,091	9,461	9,686	8,267	8,594	9,490	9,368	9,131	9,590	8,945	89,622
Commercial	16,641	10,798	9,612	11,270	12,231	10,937	10,434	12,228	11,407	9,244	9,553	9,586	106,502
Residential	12,676	13,351	9,311	10,531	12,126	9,915	9,963	10,088	11,491	12,269	11,697	13,164	110,556
Provision for Billing Errors	2,114	9,355	4,141	4,813	6,418	6,649	4,905	6,273	5,756	2,962	2,763	3,568	48,249
Total	40,288	43,594	30,155	36,075	40,461	35,769	33,896	38,079	38,022	33,606	33,602	35,263	354,929
Sewer Sales - US\$													0
Government	4,337	5,017	3,474	4,638	4,686	4,050	4,243	4,632	4,606	4,487	4,622	4,482	43,921
Commercial	11,316	7,623	6,541	8,539	8,875	8,246	7,705	8,771	8,316	7,529	7,017	7,532	79,070
Commercial with No Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential	4,850	3,821	3,180	3,525	3,713	3,621	2,386	3,569	3,969	3,994	2,742	3,312	34,013
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	-6,347	0	0	0	-6,347
Sewer Sales	20,503	16,460	13,196	16,703	17,274	15,917	14,335	16,972	10,544	16,010	14,381	15,326	150,657
Total Water & Sewer Sales	60,791	60,054	43,351	52,778	57,735	51,686	48,231	55,051	48,565	49,616	47,983	50,589	505,586
Water Sales - Gallons													0
Government	1,624,928	1,859,704	1,320,886	1,744,364	1,786,080	1,583,711	1,608,130	1,766,411	1,821,793	1,823,722	1,909,111	1,774,180	17,138,388
Commercial	3,221,784	2,171,407	1,804,000	2,208,624	2,251,240	1,770,694	1,896,418	2,384,579	2,100,938	2,207,877	1,881,686	1,959,860	20,465,916
Residential	5,161,402	5,310,746	4,659,459	4,268,133	4,968,091	4,331,104	4,205,374	4,058,111	4,577,672	4,588,103	4,501,761	4,872,519	45,030,327
Water Delivery & Bunkering	138,000	180,000	154,000	134,000	193,000	244,000	318,000	258,000	162,000	192,000	147,000	148,000	1,950,000
Total	10,146,114	9,521,857	7,938,345	8,355,121	9,198,411	7,929,509	8,027,922	8,467,101	8,662,403	8,811,702	8,439,558	8,754,559	84,584,631

Financial Table 5 Key Performance Indicators – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
1a. Non Revenue Power	10.6%	9.0%	11.4%	10.1%	8.0%	10.3%	11.4%	10.5%	9.0%	8.7%	11.8%	10.2%	10.1%
Total Power Generated - kWh	1,455,656	1,356,302	1,431,785	1,353,326	1,433,866	1,411,905	1,288,393	1,400,610	1,358,611	1,420,296	1,306,398	1,314,886	13,720,076
Total Power Billed - kWh	1,300,720	1,234,310	1,268,310	1,216,037	1,319,041	1,266,416	1,141,379	1,253,153	1,236,512	1,296,694	1,152,844	1,180,915	12,331,301
Generation Loss (actual from Jun 17)	14,269	12,786	14,324	14,293	14,191	14,562	14,617	16,046	15,446	14,782	13,807	15,079	147,147
Distribution Loss Derived - kWh	104,275	75,298	113,356	89,163	64,788	95,629	100,187	96,396	72,687	73,312	107,088	86,020	898,626
Commercial Loss (assumed 2.5%) - kWh	36,391	33,908	35,795	33,833	35,847	35,298	32,210	35,015	33,965	35,507	32,660	32,872	343,002
Total Loss - kWh	154,936	121,992	163,475	137,289	114,825	145,489	147,014	147,457	122,099	123,602	153,554	133,971	1,388,775
Distribution loss %	7.2%	5.6%	7.9%	6.6%	4.5%	6.8%	7.8%	6.9%	5.4%	5.2%	8.2%	6.5%	6.5%
1b. Non Revenue Water	39.6%	46.3%	59.5%	55.0%	56.4%	57.1%	46.9%	49.8%	51.0%	58.3%	55.6%	48.2%	54.1%
Water Produced (million gallons)	16.79	17.74	19.60	18.56	21.09	18.47	15.12	16.85	17.66	21.15	18.99	16.89	184.4
Water Billed (million gallons)	10.15	9.52	7.94	8.36	9.20	7.93	8.03	8.47	8.66	8.81	8.44	8.75	84.6
2. Current ratio	3:37	4:43	4:68	4:72	4:85	4:69	5:14	4:85	4:41	5:25	5:12	4:78	4:4
	3:15	3:87	4:07	4:33	4:17	4:04	4:58	4:06	3:55	4:16	4:36	3:46	3:6
	7:13	17:04	28:40	27:98	30:62	33:12	30:39	19:31	27:29	28:05	22:20	24:12	27:3
	7:34	1:17	4:58	5:53	4:79	5:74	6:06	5:74	5:77	5:82	5:64	5:87	5:8
3. ROA (excludes other operating income/grant support)	0.25%	0.14%	-0.05%	0.03%	0.04%	0.05%	-0.11%	0.03%	-0.01%	0.08%	-0.09%	-0.14%	0.0%
Power Business	0.42%	0.36%	0.21%	0.21%	0.26%	0.27%	0.07%	0.34%	0.19%	0.34%	0.15%	0.03%	0.2%
Water Business	0.18%	0.03%	-0.48%	0.00%	-0.09%	-0.13%	-0.25%	-0.60%	0.03%	-0.19%	-0.36%	-0.21%	0.0%
Sewer Business	-0.50%	-0.81%	-0.94%	-0.78%	-0.88%	-0.79%	-0.80%	-0.80%	-0.95%	-0.82%	-0.86%	-0.85%	-0.95%
4. Operating ratio	0.73	0.76	0.82	0.80	0.80	0.78	0.84	0.87	0.84	0.82	0.86	0.89	0.84
Power Business	0.70	0.71	0.75	0.76	0.76	0.75	0.79	0.80	0.80	0.78	0.81	0.85	0.80
Water Business	0.76	0.90	1.20	0.85	0.84	0.86	1.00	1.36	0.96	0.99	1.19	1.06	0.96
Sewer Business	1.47	2.37	2.87	2.06	2.28	2.14	2.30	2.08	3:33	2.22	2.43	2.30	3:33
5. Days in Accounts Receivable	24.00	21.50	21.81	22.99	20.95	24.03	21.64	22.22	23.04	20.67	19.75	22.09	23.04
Power Business	16.68	15.75	29.04	29.62	26.09	29.78	27.84	28.40	27.67	25.05	28.77	30.10	27.67
Water Business	12.51	85.28	236.87	199.39	191.22	206.83	181.61	177.82	184.05	211.92	184.19	183.97	184.05
Sewer Business	263.05	51.64	241.40	198.95	218.13	248.41	258.39	240.95	390.09	262.25	280.31	275.40	390.09

Financial Table 6 – CPUC Performance Against Budget YTD July 2022

CPUC - WHOLE BUSINESS INCOME STATEMENT	FY 2022	Budget YTD	Actual YTD	Variance YTD	Variance %
REVENUE					
Power Operating Revenue	\$7,332,864	\$5,499,648	\$6,512,005	\$1,012,357	18.4%
Water Operating Revenue	\$342,564	\$256,923	\$354,929	\$98,006	38.1%
Sewerage Operating Revenue	\$178,109	\$133,582	\$150,657	\$17,075	12.8%
TOTAL OPERATING REVENUE	\$7,853,537	\$5,890,153	\$7,017,591	\$1,127,438	19.1%
Other Revenue					
Power	\$7,713	\$5,784	\$82,640	\$76,856	1328.7%
Water	\$1,811	\$1,358	\$26,287	\$24,928	1835.1%
Sewer	\$0	\$0	\$1,040	\$1,040	-
OTHER REVENUE TOTAL	\$9,524	\$7,143	\$109,967	\$102,824	1439.5%
TOTAL OPERATING REVENUE	\$7,863,061	\$5,897,296	\$7,127,558	\$1,230,262	20.9%
EXPENDITURE					
Power Variable Cost	\$3,569,429	\$2,677,072	\$3,631,855	\$954,783	35.7%
Power Fixed Cost	\$1,796,101	\$1,347,076	\$1,503,354	\$156,279	11.6%
Water Variable Cost	\$69,348	\$52,011	\$55,487	\$3,476	6.7%
Water Fixed Cost	\$382,662	\$286,996	\$308,153	\$21,157	7.4%
Sewer Variable Cost	\$112,444	\$84,333	\$88,050	\$3,717	4.4%
Sewer Fixed Cost	\$341,068	\$255,801	\$266,820	\$11,019	4.3%
TOTAL OPERATING EXPENSE	\$6,271,052	\$4,703,289	\$5,853,720	\$1,150,431	24.5%
OPERATING INCOME					
Operating Income Power	\$1,975,047	\$1,481,285	\$1,459,436	-\$21,849	-1.5%
Operating Income Water	-\$107,635	-\$80,726	\$17,575	\$98,301	-121.8%
Operating Income Sewer	-\$275,403	-\$206,552	-\$203,174	\$3,378	-1.6%
OPERATING INCOME (Excl Int & Deprec.)	\$1,592,009	\$1,194,007	\$1,273,838	\$79,831	6.7%
INTEREST					
Interest Power	\$50,275	\$37,706	\$41,896	\$4,190	11.1%
Interest Water	\$0	\$0	\$0	\$0	0.0%
Interest Sewer	\$0	\$0	\$0	\$0	0.0%
TOTAL INTEREST	\$50,275	\$37,706	\$41,896	\$4,190	11.1%
DEPRECIATION					
Depreciation Power	\$1,222,551	\$916,913	\$1,018,793	\$101,879	11.1%
Depreciation Water	\$127,776	\$95,832	\$106,480	\$10,648	11.1%
Depreciation Sewer	\$179,179	\$134,384	\$149,316	\$14,932	11.1%
TOTAL DEPRECIATION	\$1,529,506	\$1,147,129	\$1,274,588	\$127,459	11.1%
Depreciation as % of Revenue	18.3%	19.5%	17.9%	-1.6%	-8.1%
OPERATING INCOME (Incl. Int. & Deprec.)					
Total Operating Income Power	\$702,221	\$526,665	\$398,748	-\$127,918	-24.3%
Total Operating Income Water	-\$235,411	-\$176,558	-\$88,905	\$87,653	-49.6%
Total Operating Income Sewer	-\$454,582	-\$340,936	-\$352,490	-\$11,553	3.4%
TOTAL OPERATING INCOME (Incl. Int & Deprec.)	\$12,228	\$9,171	-\$42,647	-\$51,818	-565.0%
NON-OPERATING REVENUES/(EXPENSES)					
Management Support	-\$270,573	-\$202,930	\$0	\$202,930	-100.0%
INTEREST INCOM \$	\$0	\$0	\$4,779	\$4,779	
TOTAL NON-OPERATING REVENUES/(EXPENSES)	-\$270,573	-\$202,930	\$4,779	\$207,709	-102.4%
CAPITAL GRANT SUPPORT					
MANAGEMENT GRANT	\$270,573	\$202,930	\$0	-\$202,930	-100.0%
OTHER GRANT SUPPORT	\$0	\$0	\$1,312,625	\$1,312,625	
TOTAL CAPITAL GRANT SUPPORT	\$270,573	\$202,930	\$1,312,625	\$1,109,695	546.8%
Recovery Of Forgiven Interest	\$0	\$0	\$0	\$0	
CHANGE IN NET ASSETS	\$16,903	\$12,677	\$1,274,758	\$1,262,080	9955.6%

Power Table 1 Power Operation Indicators – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Generation Statistics													
Diesel Generation - kWh	1,373,417	1,293,174	1,367,115	1,291,420	1,375,707	1,349,181	1,219,460	1,326,016	1,287,068	1,343,860	1,254,928	1,256,561	13,071,316
Peak Generation - kW	2,822	2,719	2,723	2,569	2,574	2,649	2,690	2,690	2,690	2,690	2,690	2,690	2,723
Fuel Consumption - Gallons	91,563	85,461	92,959	86,435	91,212	90,382	81,150	88,482	85,224	90,522	83,662	82,664	872,693
Average Fuel Price (\$/Gallon)	3.19	3.14	3.22	3.48	3.51	3.38	3.57	3.88	4.42	4.84	4.96	5.42	4.05
Load Factor (%)	71%	69%	72%	72%	77%	73%	66%	71%	69%	73%	67%	67%	98%
Capacity Factor (%)	50%	49%	49%	46%	46%	47%	48%	48%	48%	48%	48%	48%	37%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Reserve Plant Margin (%)	176%	187%	186%	204%	203%	194%	190%	190%	190%	190%	190%	190%	186%
Solar PV Generation - kWh													
Solar PV Generation - kWh	82,239	63,128	64,670	61,906	58,159	62,724	68,933	74,594	71,543	76,436	51,470	58,325	648,760
Solar Generation %	5.6%	4.7%	4.5%	4.6%	4.1%	4.4%	5.4%	5.3%	5.3%	5.4%	3.9%	4.4%	4.7%
Peak PV Generation - kW	580	445	456	437	410	443	486	526	505	539	363	412	669
Avoided Fuel - Gallons	5,483	4,172	4,397	4,143	3,856	4,202	4,587	4,978	4,737	5,149	3,431	3,837	43,314
Avoided Cost of Fuel - US\$	17,491	13,111	14,169	14,412	13,536	14,217	16,372	19,291	20,939	24,914	17,028	20,798	175,533
Tons of CO2 avoided	55.4	42.1	44.4	41.8	38.9	42.4	46.3	50.3	47.8	52.0	34.7	38.8	437.5
Labour Productivity (kWh/Emp/d)													
Labour Productivity (kWh/Emp/d)	1,704	1,658	1,696	1,656	1,707	1,674	1,675	1,645	1,650	1,500	1,401	1,402	2,371
SFOC (kWh/gal)													
DG1 - GE 1.8	15.33	15.45	14.08	15.41	15.46	15.19	15.43	15.34	15.54	15.06	15.44	15.66	15.25
DG2 - GE 1.8	15.01	15.39	15.53	15.34	15.35	15.18	15.61	15.17	15.30	15.17	15.03	15.46	15.32
DG3 - CAT 1.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DG4 - CAT 1.3	14.30	14.49	14.72	14.24	14.49	14.65	14.04	14.33	14.40	14.38	14.01	14.31	14.37
DG5 - CAT 1.3	14.50	14.45	14.21	14.03	14.57	14.24	14.19	14.37	14.50	14.14	14.68	14.44	14.33
SLOC (kWh/gal)													
DG1 - GE 1.8	6,509	1,478	5,382	3,700	4,220	9,116	1,999	6,314	2,204	5,646	5,101	2,662	3,803
DG2 - GE 1.8	4,388	1,225	4,149	2,411	5,516	4,893	3,988	3,721	1,241	5,555	6,435	898	2,792
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	1,991	2,520	0	2,215	0	2,461	0	2,444	0	0	0	9,640
DG5 - CAT 1.3	0	1,957	0	2,213	2,921	0	1,702	0	1,689	0	0	0	8,525
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%	0.1%	0.0%	0.01%
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 (%)	26.5%	25.6%	25.6%	24.2%	24.2%	24.9%	25.3%	25.3%	25.3%	25.3%	25.3%	25.3%	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)	0.13	0.03	0.00	0.07	0.00	0.00	0.00	0.00	0.79	0.00	0.12	0.00	0.98
SAIFI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.009
Average Cost (\$/kWh)	0.201	0.198	0.209	0.222	0.223	0.217	0.225	0.245	0.277	0.308	0.318	0.341	0.258

Power Table 2 Power Generation Statistics – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Generation - Engine Output (kWh)													
DG1 - GE 1.8	583,542	390,767	423,183	414,720	446,804	450,167	430,748	654,877	419,503	411,043	534,089	360,811	4,545,945
DG2 - GE 1.8	476,480	527,342	490,470	449,768	441,030	444,639	393,168	257,773	475,003	516,587	374,671	545,006	4,388,115
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	159,033	189,145	239,398	216,657	210,420	229,931	233,814	181,422	232,142	210,278	176,704	121,961	2,052,727
DG5 - CAT 1.3	154,362	185,920	214,064	210,275	277,453	224,444	161,730	231,944	160,420	205,952	169,464	228,783	2,084,529
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,373,417	1,293,174	1,367,115	1,291,420	1,375,707	1,349,181	1,219,460	1,326,016	1,287,068	1,343,860	1,254,928	1,256,561	13,071,316
PP Solar F1	10,531	7,966	8,981	8,079	8,107	9,627	9,351	9,481	9,603	9,445	8,426	8,319	89,419
High School Solar F1	23,040	18,600	16,080	16,320	15,000	18,360	18,240	24,360	19,440	28,560	7,920	16,800	181,080
PP Solar F3	17,848	13,218	13,518	14,526	12,967	12,514	11,147	13,213	16,053	15,762	14,159	13,216	137,075
Airport Roof F4	5,600	4,500	5,300	3,900	3,700	4,400	4,000	3,800	4,100	3,400	3,200	3,300	39,100
Airport Carpark F4	18,099	13,527	15,230	13,254	13,065	12,730	18,685	18,620	16,378	16,092	14,833	13,913	152,800
WWTP F4	7,121	5,317	5,561	5,827	5,320	5,093	7,510	5,120	5,969	3,177	2,932	2,777	49,286
Solar PV Generation Total (kWh)	82,239	63,128	64,670	61,906	58,159	62,724	68,933	74,594	71,543	76,436	51,470	58,325	648,760
Total Generation (kWh)	1,455,656	1,356,302	1,431,785	1,353,326	1,433,866	1,411,905	1,288,393	1,400,610	1,358,611	1,420,296	1,306,398	1,314,886	13,720,076
Maximum Demand (kW)	2,822	2,719	2,723	2,569	2,574	2,649	2,690	2,690	2,690	2,690	2,690	2,690	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)	17,906	16,085	17,721	17,302	17,313	17,366	17,792	19,550	19,299	18,466	18,000	18,000	180,809
Running Hours													
DG1 - GE 1.8	529	345	371	353	380	383	346	556	345	337	446	294	3,811
DG2 - GE 1.8	499	456	422	390	381	377	625	221	392	416	302	474	4,000
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	1	0	1
DG4 - CAT 1.3	232	295	292	302	318	275	319	307	204	81	250	181	2,529
DG5 - CAT 1.3	209	465	293	313	369	283	218	318	221	273	220	345	2,853
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,469	1,561	1,378	1,358	1,448	1,318	1,508	1,402	1,162	1,107	1,219	1,294	13,194

Power Table 3 Fuel & Lube Oil Statistics - August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Fuel Consumption (Gallons)													
DG1 - GE 1.8	38,059	25,287	30,046	26,917	28,902	29,629	27,918	42,694	26,999	27,290	34,582	23,036	298,014
DG2 - GE 1.8	31,736	34,258	31,577	29,312	28,739	29,297	25,181	16,994	31,043	34,049	24,925	35,262	286,378
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	11,122	13,049	16,267	15,214	14,523	15,692	16,650	12,656	16,120	14,622	12,609	8,525	142,878
DG5 - CAT 1.3	10,646	12,866	15,069	14,993	19,048	15,764	11,401	16,139	11,062	14,561	11,546	15,841	145,423
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	91,563	85,461	92,959	86,435	91,212	90,382	81,150	88,482	85,224	90,522	83,662	82,664	872,693
Average Fuel Price (\$/Gallon)	3.19	3.14	3.22	3.48	3.51	3.38	3.57	3.88	4.42	4.84	4.96	5.42	4.05
Lube Oil Consumption (Gallons)													
DG1 - GE 1.8	133	54	102	172	81	92	108	176	73	74	83	137	1,098
DG2 - GE 1.8	78	101	57	82	55	56	47	34	56	69	68	70	594
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)	211	155	159	254	136	148	155	210	129	143	151	207	1,692
Oil Change Log (75 Gal/change)													
DG1 - GE 1.8	0	265	0	0	0	0	0	0	265	0	0	265	530
DG2 - GE 1.8	0	265	0	0	0	0	265	0	0	0	0	0	265
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0
DG4 - CAT 1.3	0	95	95	0	95	0	95	0	95	95	0	0	475
DG5 - CAT 1.3	0	95	0	95	95	0	95	0	95	0	95	0	475
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume (Gals)	0	720	95	95	190	0	455	0	455	95	95	265	1,745

Power Table 4 Distribution Feeder Statistics - August 2021 – July 2022

FEEDER STATISTICS	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022
Feeder 1 Load	405,154	374,979	306,893	290,800	388,924	390,623	356,891	391,892	372,381	396,855	363,860	360,319	3,619,438
Feeder 2 Load	122,157	116,254	125,297	121,266	123,107	121,680	110,998	120,660	114,446	119,616	99,289	111,733	1,168,092
Feeder 3 Load	462,271	421,576	440,458	415,210	434,756	434,181	398,137	434,018	422,972	441,066	411,318	410,490	4,242,606
Feeder 4 Load	335,053	320,163	427,082	396,882	350,563	333,947	305,258	326,636	306,204	315,065	294,012	293,116	3,348,765
Feeder 5 Load	116,752	110,544	117,731	114,875	122,325	116,912	102,492	111,358	127,162	132,912	124,112	124,148	1,194,027
Total Feeder Load (kWh)	1,441,387	1,343,516	1,417,461	1,339,033	1,419,675	1,397,343	1,273,776	1,384,564	1,343,165	1,405,514	1,292,591	1,299,807	13,572,929
Feeder 1 Sales	352,878	339,086	328,746	316,425	361,530	335,869	312,543	351,467	329,953	361,322	296,721	324,023	3,318,600
Feeder 2 Sales	117,077	101,557	128,482	104,558	112,449	110,474	100,692	108,932	112,201	112,329	97,173	100,852	1,088,141
Feeder 3 Sales	400,617	357,538	362,650	365,288	383,976	373,066	353,814	368,169	374,924	382,288	362,923	379,914	3,707,012
Feeder 4 Sales	290,896	288,119	294,163	294,502	313,433	289,290	261,158	289,941	263,069	282,668	265,454	261,715	2,815,392
Feeder 5 Sales	88,972	84,228	90,342	90,777	95,089	87,447	74,834	83,359	97,610	109,499	70,858	78,171	877,986
Total Feeder Sales (kWh)	1,250,439	1,170,527	1,204,383	1,171,550	1,266,477	1,196,146	1,103,040	1,201,868	1,177,758	1,248,106	1,093,129	1,144,674	11,807,131
Feeder 1 Loss - kWh	52,276	35,893	-21,853	-25,625	27,394	54,754	44,348	40,425	42,428	35,533	67,139	36,296	300,838
Feeder 2 Loss - kWh	5,080	14,697	-3,185	16,708	10,658	11,206	10,306	11,728	2,245	7,287	2,116	10,882	79,951
Feeder 3 Loss - kWh	61,654	64,038	77,808	49,922	50,780	61,115	44,323	65,849	48,048	58,778	48,395	30,577	535,595
Feeder 4 Loss - kWh	44,157	32,044	132,919	102,380	37,130	44,657	44,100	36,695	43,135	32,397	28,558	31,401	533,373
Feeder 5 Loss - kWh	27,780	26,316	27,389	24,098	27,236	29,465	27,658	27,999	29,552	23,413	53,254	45,977	316,041
Total Feeder Loss - kWh	190,948	172,989	213,078	167,483	153,198	201,197	170,736	182,696	165,407	157,407	199,462	155,133	1,765,798
Feeder 1 Loss - %	12.9%	9.6%	-7.1%	-8.8%	7.0%	14.0%	12.4%	10.3%	11.4%	9.0%	18.5%	10.1%	8.3%
Feeder 2 Loss - %	4.2%	12.6%	-2.5%	13.8%	8.7%	9.2%	9.3%	9.7%	2.0%	6.1%	2.1%	9.7%	6.8%
Feeder 3 Loss - %	13.3%	15.2%	17.7%	12.0%	11.7%	14.1%	11.1%	15.2%	11.4%	13.3%	11.8%	7.4%	12.6%
Feeder 4 Loss - %	13.2%	10.0%	31.1%	25.8%	10.6%	13.4%	14.4%	11.2%	14.1%	10.3%	9.7%	10.7%	15.9%
Feeder 5 Loss - %	23.8%	23.8%	23.3%	21.0%	22.3%	25.2%	27.0%	25.1%	23.2%	17.6%	42.9%	37.0%	26.5%
Total Feeder Loss - %	13.2%	12.9%	15.0%	12.5%	10.8%	14.4%	13.4%	13.2%	12.3%	11.2%	15.4%	11.9%	13.0%

Power Table 5 Customer Energy Use By Category and By Feeder – July 2022

Feeder	kWh/Connection		
	Residential	Commercial	Government
F01	286	1,006	6,489
F02	204	1,046	3,467
F03	277	2,078	506
F04	211	2,541	582
F05	151	569	667
Total - Weno	226	1,448	2,342
F10 - Tonoas	76	814	0

Power Table 6 Power Distribution Statistics – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Number of Outages (Frequency)													
Forced - Generation	0	0	0	0	0	0	0	0	0	0	2	0	2
Planned - Generation	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Number of Outages (Gen)	0	0	0	0	0	0	0	0	0	0	2	0	2
Forced - Distribution	2	1	0	1	0	0	0	0	2	0	10	0	13
Feeder 1	0	0	0	0	0	0	0	0	0	0	2	0	2
Feeder 2	2	1	0	0	0	0	0	0	1	0	2	0	3
Feeder 3	0	0	0	0	0	0	0	0	0	0	2	0	2
Feeder 4	0	0	0	1	0	0	0	0	0	0	2	0	3
Feeder 5	0	0	0	0	0	0	0	0	1	0	2	0	3
Planned - Distribution	0	0	0	1	0	0	0	0	0	0	0	0	1
Feeder 1	0	0	0	1	0	0	0	0	0	0	0	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	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
Total Number of Outages (Dist)	2	1	0	2	0	0	0	0	2	0	10	0	14

Power Table 7 Power Outage Statistics – August 2021 – July 2022

	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	FY2022 YTD
Duration of Outages (Hrs)													
Forced - Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
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	0.0	0.0	0.0	0.0	0.7	0.0	0.7
Forced - Distribution	3.6	0.8	0.0	1.4	0.0	0.0	0.0	0.0	21.6	0.0	3.3	0.0	26.3
Feeder 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
Feeder 2	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.7	0.0	3.3
Feeder 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
Feeder 4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.1
Feeder 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.7	0.0	19.7
Planned - Distribution	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Feeder 1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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 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)	3.6	0.8	0.0	1.8	0.0	0.0	0.0	0.0	21.6	0.0	3.3	0.0	26.7

Water Table 2 Water/Sewer Connection Data – August 2021 – July 2022

Connection Information	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Sep-22
Water Connection Data (Total Active)	513	516	517	522	525	525	526	499	500	502	502	509	509
Commercial - Billed	94	93	92	92	92	93	93	95	93	93	93	93	93
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	34,274	23,348	19,609	24,007	24,470	19,040	20,392	25,101	22,591	23,741	20,233	21,074	220,064
Government - Billed	24	24	25	26	27	26	29	29	29	29	29	29	29
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	24,447	38,659	26,075	35,272	35,488	28,297	27,098	35,431	34,872	33,208	31,490	28,399	303,010
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	1,038,200	931,900	669,000	827,300	827,900	848,000	822,300	738,900	810,500	860,700	995,900	950,600	8,351,100
Residential - Billed	394	398	399	403	405	405	403	374	377	379	379	386	386
Residential - Disconnected	0	0	0	0	0	0	0	1	1	1	1	1	1
Residential - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	1	1
Residential Avge Consumption - Gall/conn/mth	13,100	13,344	11,678	10,591	12,267	10,694	10,435	10,851	12,142	12,106	11,878	12,623	116,659
Sewer Connection Data (Total Registered)	599	606	601	602	619	613	614	606	604	602	602	599	599
Commercial Billed	55	57	57	55	57	57	58	54	57	53	57	55	55
Commercial Billed w/o water	52	52	51	51	51	51	51	52	52	51	52	52	52
Government Billed	22	22	21	22	23	24	25	26	25	24	23	23	23
Residential Billed	219	222	220	220	230	223	225	204	206	209	209	211	211
Residential Billed w/o water	251	253	252	254	258	258	255	270	264	265	261	258	258
STP Inflow (MG/month)	17.7	27.9	31.6	28.0	30.2	13.0	11.7	21.7	20.4	40.4	25.9	21.2	27.9

Water Table 3 Zonal Water Use Statistics – July 2022 & YTD FY2022

ZONAL NRW - July 2022					ZONAL NRW - FY2022				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	200,000	194,785	5,215	3%	1	2,000,000	1,600,645	399,355	20%
2	12,995,600	5,792,346	7,203,254	55%	2	141,963,537	59,054,284	82,909,253	58%
3	5,000	2,100	2,900	58%	3	50,000	30,900	19,100	38%
4	779,500	245,449	534,051	69%	4	8,908,000	2,281,023	6,626,977	74%
5	0	100	-100	0%	5	0	100	-100	-
6	2,191,300	2,164,835	26,465	1%	6	24,364,500	16,087,924	8,276,576	34%
7	100,000	46,250	53,750	54%	7	850,000	1,401,229	-551,229	-65%
8	618,800	160,699	458,101	74%	8	6,908,100	2,178,592	4,729,508	68%
Water Delivery/Bunker		148,000			Water Delivery/Bunker		1,950,000		
Total	16,890,200	8,754,564	8,135,636	48.2%	Total	185,044,137	84,584,697	100,459,440	54.3%
ZONAL WATER CONSUMPTION - July 2022					ZONAL WATER CONSUMPTION - FY2022				
Zone	Avge Use - Gallons/Connection/Month				Zone	Avge Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	26,200	152,180	-	5,467	1	205,600	1,009,400	-	128,527
2	21,560	25,478	-	11,472	2	228,467	297,013	-	111,910
3	-	-	-	1,050	3	-	-	-	15,450
4	-	-	-	16,363	4	-	-	-	152,068
5	-	-	-	0	5	-	-	-	-
6	14,185	-	950,600	509	6	93,950	-	8,351,100	164,701
7	-	-	-	4,624	7	-	0	-	115,799
8	-	16,322	-	3,849	8	-	219,279	-	53,448
Total	61,945	193,980	950,600	43,333	Total	19,609	26,075	669,000	11,678

Work Order Summary – End July 2022

Work Order Type	WO at Start of Period	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENANCE	0	0	0	0	0	0
INTERNAL POWER	0	0	0	0	0	0
INTERNAL SEWER	0	1	1	0	0	1
INTERNAL WATER	0	0	0	0	0	0
POWER	7	4	4	0	4	7
REVENUE	9	10	14	0	8	11
SEWER	13	29	32	0	28	14
WATER	28	70	75	0	62	36
TOTAL ALL WORK ORDERS	57	114	126		102	69

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End
INTERNAL MAINTENANCE	0.0%	0.0%	-	0.0%
INTERNAL POWER	0.0%	0.0%	-	0.0%
INTERNAL SEWER	0.0%	0.9%	-	1.4%
INTERNAL WATER	0.0%	0.0%	-	0.0%
POWER	12.3%	3.5%	36.4%	10.1%
REVENUE	15.8%	8.8%	42.1%	15.9%
SEWER	22.8%	25.4%	66.7%	20.3%
WATER	49.1%	61.4%	63.3%	52.2%
TOTAL ALL WORK ORDERS			59.6%	

Administration Table 1 H&S Statistics – July 2022



FY2022 HEALTH & SAFETY REPORT

July 2022

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	July 2022						YEAR TO DATE - FY2022					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	15	2,376	0	0	0	0	0	24,173	0	0	0	0	0
Maintenance	7	1,151	0	0	0	0	0	11,404	0	0	0	0	0
Power Distribution	19	2,864	0	0	0	0	0	28,661	0	0	0	0	0
Water & Sewer	20	3,135	0	0	0	0	0	32,903	0	0	0	0	0
Finance & Admin.	19	2,656	0	0	0	0	0	25,615	0	0	0	0	0
Tonoas Power Distribution	6	1,012	0	0	0	0	0	9,081	0	0	0	0	0
ADB Funded - PMU STAFF	7	1,096	0	0	0	0	0	7,934	0	0	0	0	0
TOTAL	93	14,291	0	0	0	0	0	139,771	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident: - Whole Company 1,324,595

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	July 2022		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	15	114	0	114
Maintenance	7	9	0	9
Power Distribution	19	163	0	163
Water & Sewer	20	48	0	48
Finance & Admin.	19	399	0	399
Tonoas Power Distribution	6	17	0	17
ADB Funded - PMU STAFF	7	35	0	35
TOTAL	93	786	0	786

Year To Date FY2022		
Total Hours Sick	Accident Related	Poor Health
865	0	865
167	0	167
1,283	0	1,283
1,221	0	1,221
1,711	0	1,711
289	0	289
345	0	345
5,882	0	5,882

Sick Hours as Percentage of Total Hours Worked	5.5%	0.0%	5.5%
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4.2%	0.0%	4.2%
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DEPARTMENT	Number of Staff	July 2022		
		Sick Hours as Percentage of Total Hours Worked	Accident Related	Poor Health
Power Generation	15	4.8%	0.0%	4.8%
Maintenance	7	0.8%	0.0%	0.8%
Power Distribution	19	5.7%	0.0%	5.7%
Water & Sewer	20	1.5%	0.0%	1.5%
Finance & Admin.	19	15.0%	0.0%	15.0%
Tonoas Power Distribution	6	1.7%	0.0%	1.7%
ADB Funded - PMU STAFF	7	3.2%	0.0%	3.2%
TOTAL	93	5.5%	0.0%	5.5%

Administration Table 2 Attendance Summary - July 2022 & FY 2022

DEPARTMENT	July 2022								YEAR TO DATE - FY2022							
DEPARTMENT	Number of Staff	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Hours Worked		National Holiday	Sick Leave	Annual Leave	Total Hours Claimed	AWOL	Sick Leave As % of Hours claimed
		Regular	Overtime						Regular	Overtime						
Power Generation	15	2,135	241	0	114	109	2,599	82	22,792	1,380	592	865	1,543	27,172	618	3.2%
Maintenance	7	1,036	116	0	9	4	1,165	0	10,709	695	489	167	500	12,561	0	1.3%
Power Distribution	19	2,738	126	0	163	236	3,263	13	27,075	1,586	1,527	1,283	2,082	33,552	83	3.8%
Water & Sewer	20	3,021	113	0	48	164	3,346	310	30,054	2,850	1,387	1,221	1,608	37,120	1,858	0.0%
Finance & Admin.	19	2,612	44	0	399	132	3,187	26	24,908	708	1,462	1,711	2,407	31,196	658	5.5%
Tonoas Power Distribution	6	1,010	2	0	17	1	1,031	0	8,911	170	419	289	283	10,073	0	0.0%
ADB	7	1,067	29	0	35	70	1,201	0	7,743	191	366	345	427	9,072	0	3.8%
TOTAL EMPLOYEES	93	13,620	671	0	786	716	15,793	431	132,192	7,579	6,243	5,882	8,850	160,745	3,216	3.7%

REGULAR STAFF	86	12,553	641	0	751	646	14,592	431	124,449	7,388	5,876	5,537	8,423	151,673	3,216	0
Hours as % of Total Hours Claimed		86.0%	4.4%	0.0%	5.1%	4.4%		3.0%	82.1%	4.9%	3.9%	3.7%	5.6%		2.1%	

ADB Funded - PMU STAFF	7	1,067	29	0	35	70	1,201	0	7,743	191	366	345	427	9,072	0
Hours as % of Total Hours Claimed		88.8%	2.4%	0.0%	2.9%	5.8%		-	85.3%	2.1%	4.0%	3.8%	4.7%		0.0%

CAPEX Table 1 Capex Summary Sheet – July 2022

Chuuk Public Utility Corporation Capex Summary Sheet as of July 31, 2022								
	A	B	C	D (B-C)	E (A-B)	F	(A+A1-F)	G (F-C)
	Total Value	Total Value	Total Value	Total Value	Total Value	Total Value	Total Value	Total Value
FY 2018 Professional management - D18AF00029	266,298	266,298	266,298	266,298	266,298	266,298	266,298	266,298
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000
FY 2019 Professional management - D19AF0008	204,400	204,400	204,400	204,400	204,400	204,400	204,400	204,400
FY 2020 ADB CWSSP - G6026 PRF	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
FY 2022 ADB CWSSP - G0767	12,760,000	12,760,000	12,760,000	12,760,000	12,760,000	12,760,000	12,760,000	12,760,000
FY 2021 Professional management D21AF10034-00	164,808	164,808	164,808	164,808	164,808	164,808	164,808	164,808
Total	19,145,506	19,145,506	19,145,506	19,145,506	19,145,506	19,145,506	19,145,506	19,145,506



Graph Showing Feeder Loads in kW – July 2022

Due to breakdown of the Power plant Scada system a dynamic plot of feeder loads is not available for March, April, May, June & July 2022 – total loads are recorded and reported in prior sections of this report. A new computer is being sourced and is unlikely to be up and running before September 2022.

Graph Showing Generation Output in kW – July 2022

Due to breakdown of the Power plant Scada system a dynamic plot of Generation output is not available for March, April, May, June & July 2022 – total generated outputs are recorded and reported in prior sections of this report. A new computer is being sourced and is unlikely to be up and running before September 2022.