

CHUUK PUBLIC UTILITY CORPORATION



MONTHLY REPORT:

FY2019 – June 2019



Issued: 21 July 2019

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EXECUTIVE SUMMARY

SUMMARY OF KEY STATISTICS

	Jun-19 US\$	FY2019 US\$	US\$/kWh Sold		US\$/kWh generated	
			Jun-19	FY2019	Jun-19	FY2019
Revenue	707,824	6,292,721	0.575	0.566	0.501	0.486
Variable Costs	326,164	2,990,604	0.265	0.269	0.231	0.231
Fixed Costs	189,689	1,793,559	0.154	0.161	0.134	0.139
Total Expenses	515,853	4,784,163	0.419	0.430	0.365	0.370
Operating result	191,971	1,508,558	0.156	0.136	0.136	0.117
Power generation	1,414,079	12,940,847				
Diesel	1,388,955	12,707,114				
Solar	25,124	233,733				
Solar PV as % of Total Generation	1.8%	1.8%				
Avoided Cost of Fuel - US\$	5,564	51,964				
Tons of CO2 Avoided	17.2	159.9				
Government Sales	235,676	1,943,716	Feeder	Conns	Jun-19	FY2019
Commercial Sales	610,411	5,690,975	F1	496	324,497	2,582,477
Residential Sales	318,109	2,885,684	F2	485	100,886	805,683
Intercompany Sales	65,327	606,147	F3	403	351,041	2,888,748
Sales Accrual	2,497	-9,838	F4	401	312,561	2,455,239
Total Sales	1,232,020	11,116,684	F5	500	132,854	1,051,453
Power Loss	12.9%	14.1%	Total	2,286	1,221,840	9,783,600
Operating ratio	0.74	0.78	NB - Error			
Water Produced - Gallons	17,929,200	185,050,584				
Water Sold - Gallons	9,198,167	64,227,893				
Non Revenue Water	48.7%	65.3%				

Daily generated output in June was 47,136 kWh/day; 4.5% lower than May. Average daily sales were 41,067 kWh/day; 3.2% lower than May. Total power loss was 12.9% (YTD 14.1%).

Average fuel efficiency for June was 14.8 kWh/gallon – this was constant with the May figure due to more effective generation planning. The absence of the DG4 for overhaul is impacting overall station fuel efficiency however effort is being taken to maximize efficiency with the engines at hand.

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

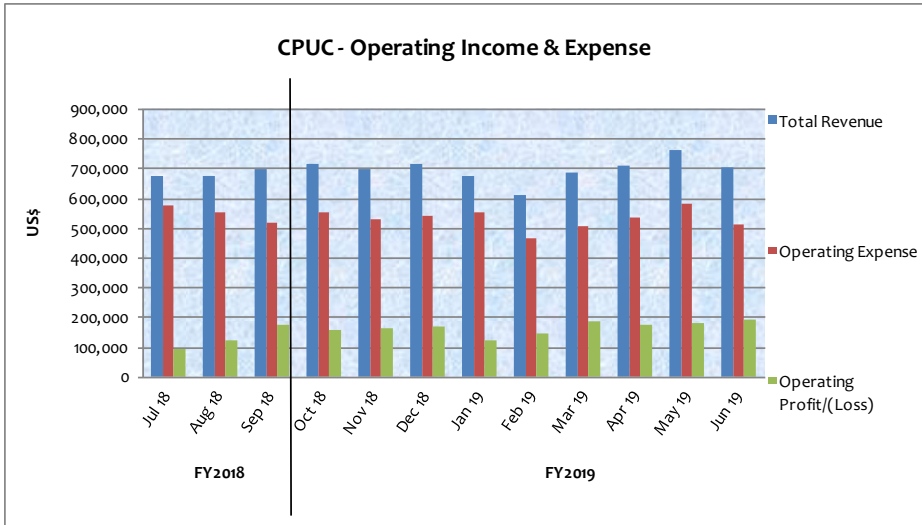
Government – 19.1%; Commercial – 49.5%; Residential – 25.8%; Intercompany 5.3%; Accrual 0.2%;

Solar PV generation in June was 25,124 kWh or 1.8% of total generation. The avoided cost of fuel was US\$5,564 and the amount of Carbon Dioxide avoided was 17.2 tons.

From a commercial perspective the operating result for June 2019 was US\$191,971 with an operating ratio of 0.74; YTD US\$ 1,508,558 and 0.78 respectively.

In relation to collections here was a significant increase in arrears of US\$79,654 – this wiped out the gains made in May - further effort is required to reduce and maintain arrears at acceptable levels in particular government arrears.

1 FINANCIAL PERFORMANCE GRAPHS

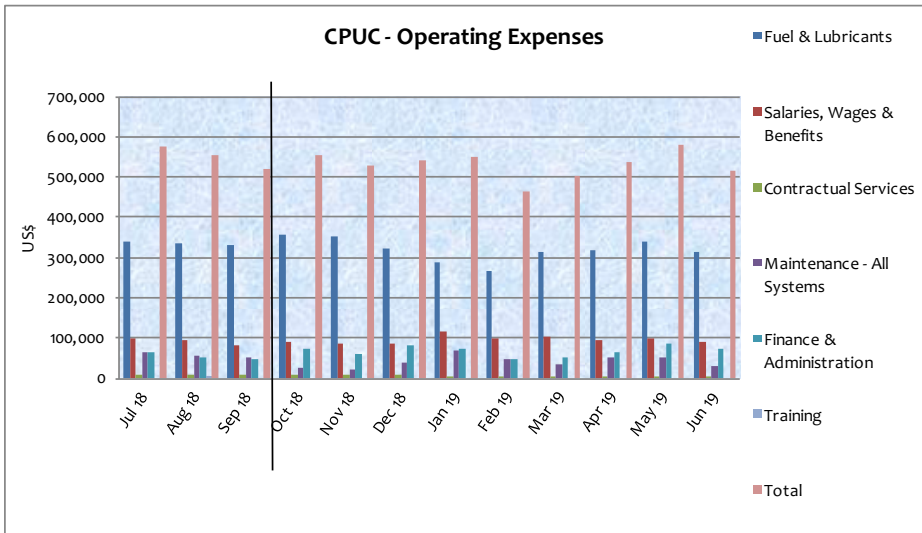


1.1 Key Points:

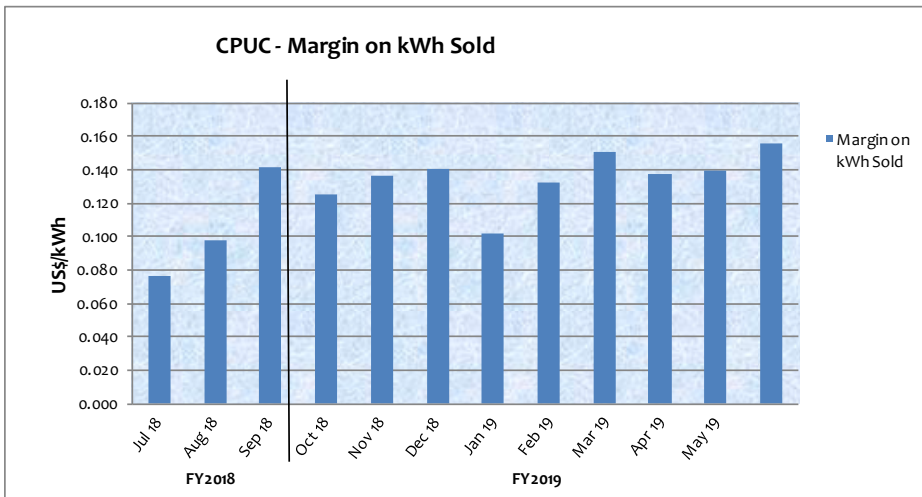
FY2018 Operating income before Depreciation & Interest :

FY2019 US\$1,508,558

Operating ratio: YTD 0.78;

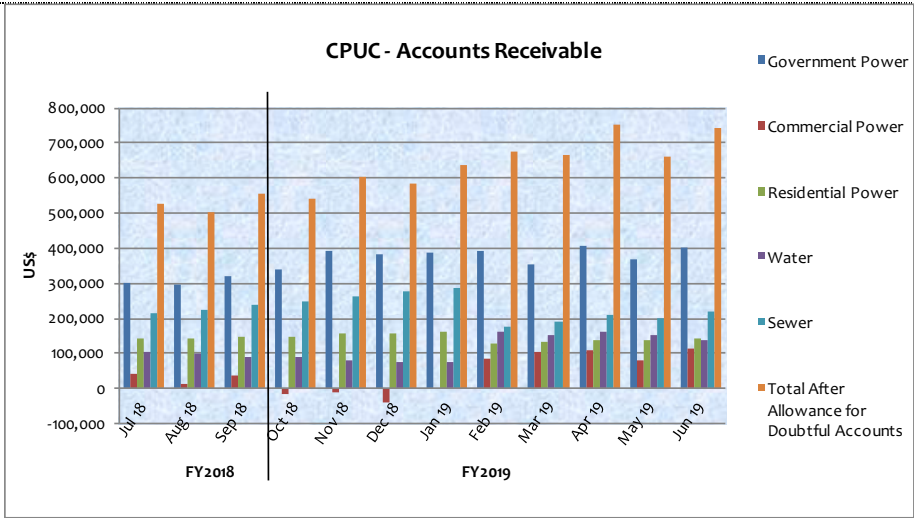


1.2 Key Points:



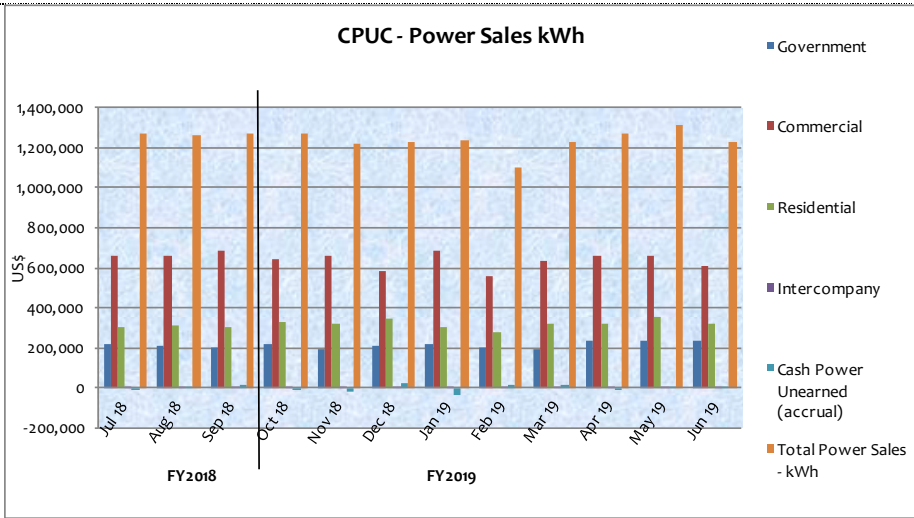
1.3 Key Points:

YTD US\$0.133 kWh sold.

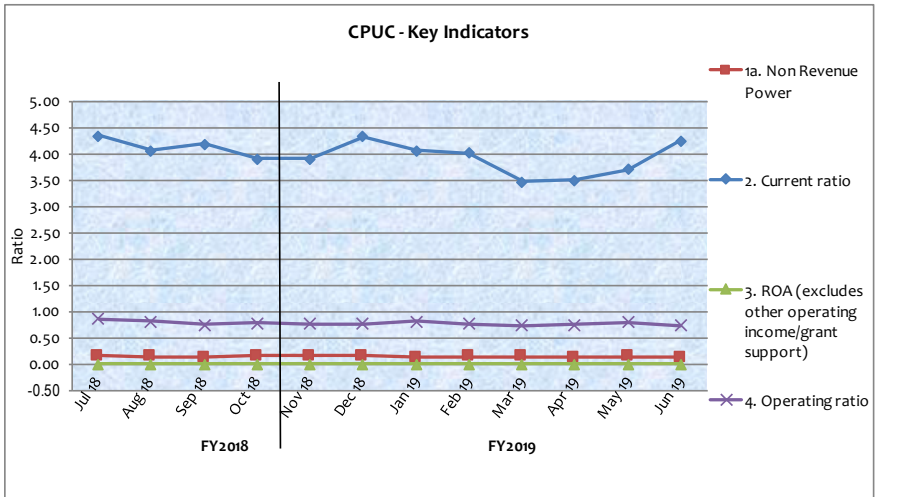


1.4 Key Points:

Government payables are increasing – a key issue is non-payment for street lighting since 2012

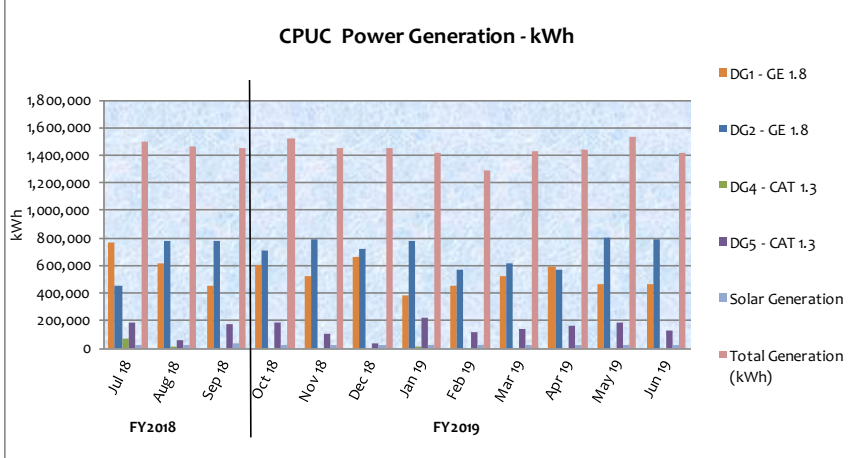


1.5 Key Points:

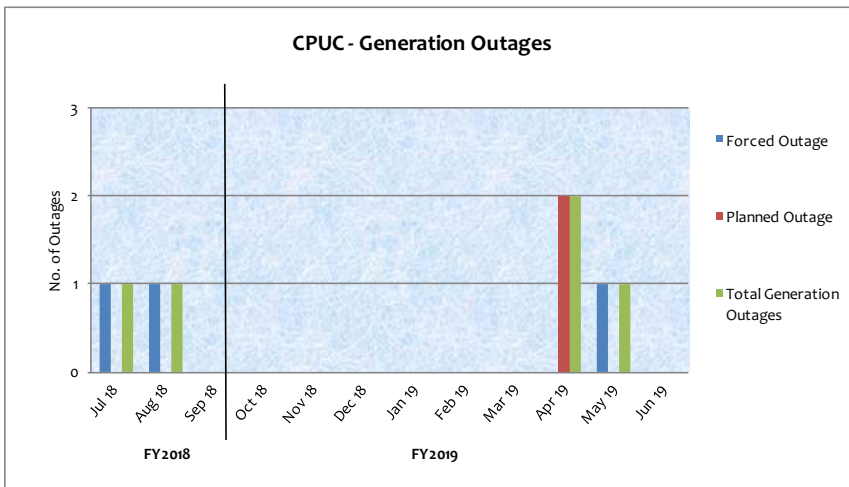


1.6 Key Points:

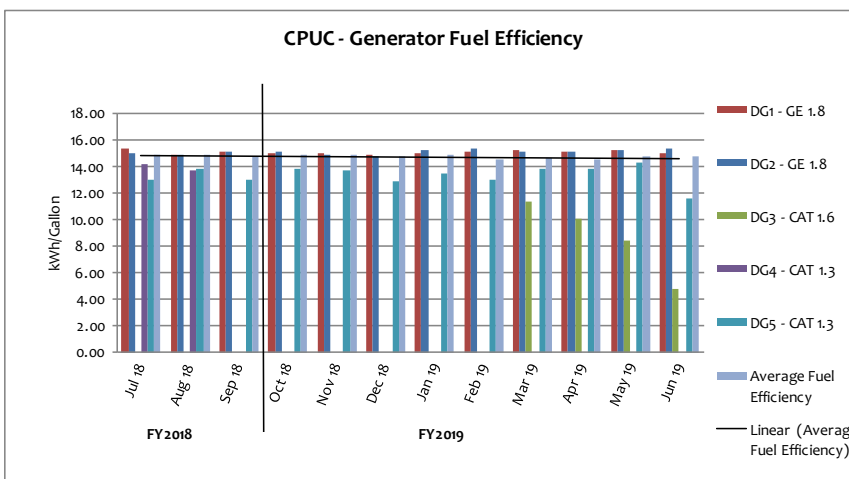
2 POWER GENERATION & DISTRIBUTION PERFORMANCE GRAPHS



2.1 Key Points:



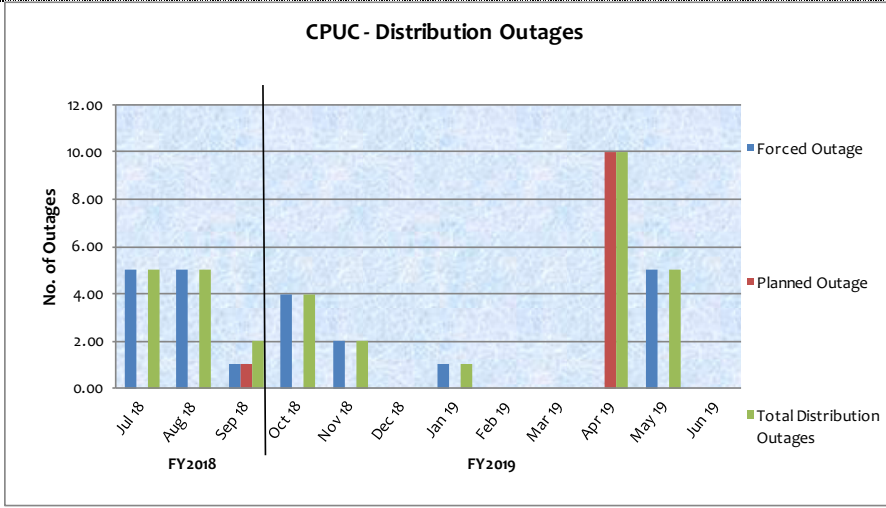
2.2 Key Points:



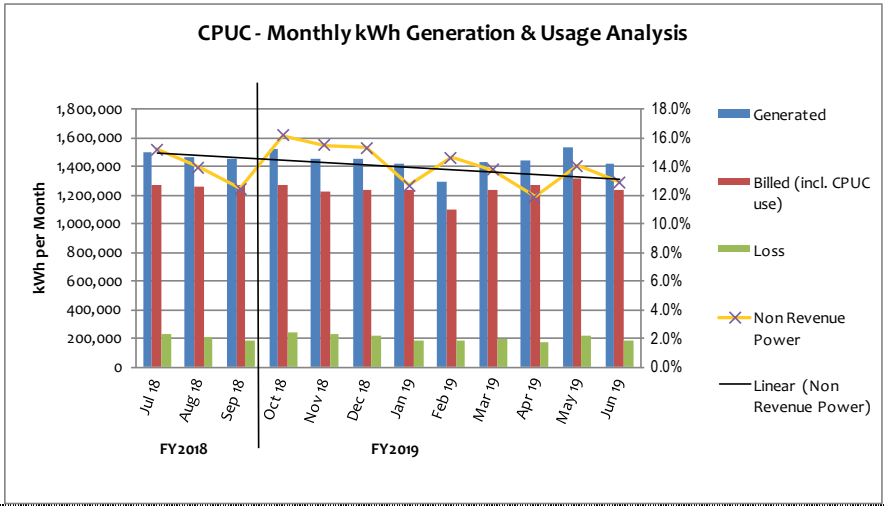
2.3 Key Points:

Avg fuel efficiency in FY2019 14.76 kWh/gall.

Reduced efficiency in April due to absence of DG4 which is on overhaul

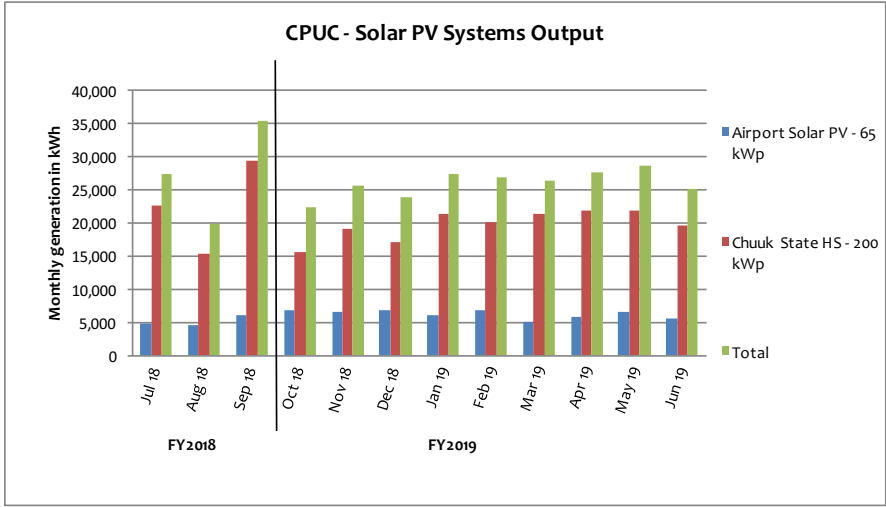


2.4 Key Points



2.5 Key Points:

Power loss for June 2019 – 12.9%;
YTD 14.1%



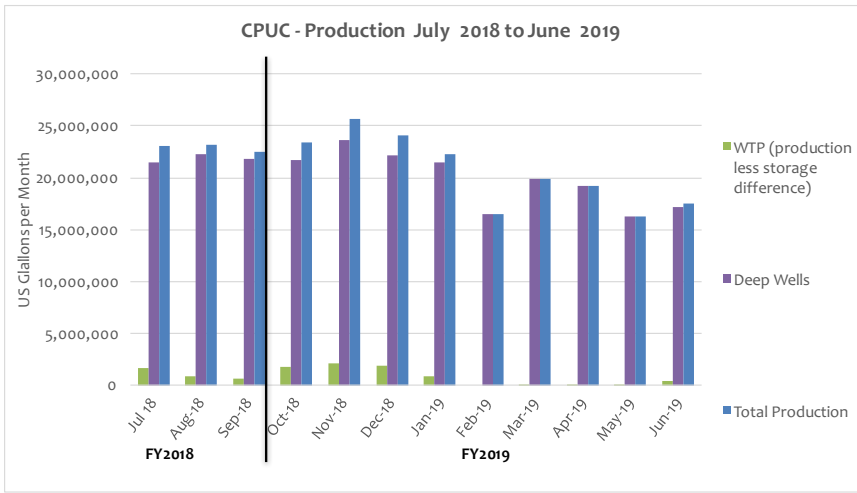
2.6 Key Points:

Solar PV accounted for 1.8% of CPUC generation in June;

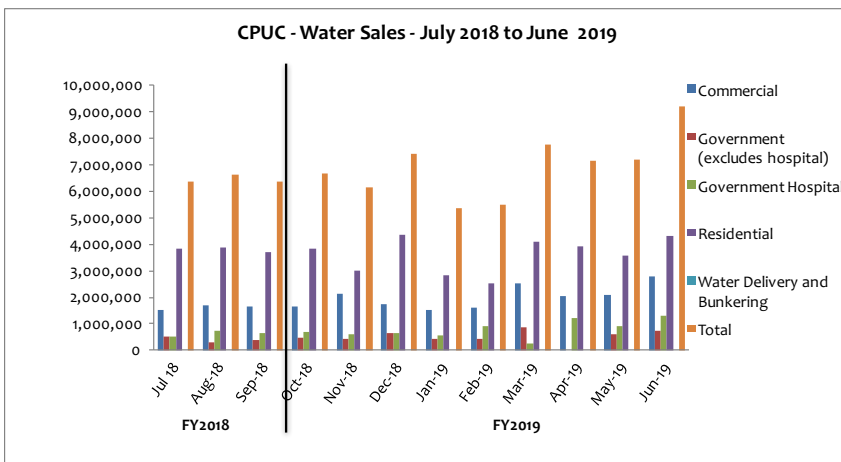
The avoided cost of fuel was: US\$5,564

Avoided Tons of CO₂ was 17.2 Tons;

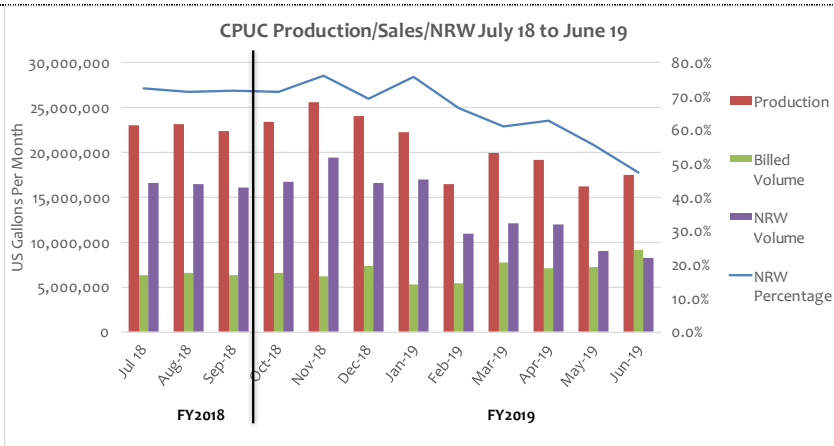
3 WATER PERFORMANCE GRAPHS



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



Key Points:



Key Points:

Financial Table1 P & L Statement – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019
Revenue - US\$														
Operating revenue:														
a. Power Sales	626,747	620,986	656,139	665,920	651,371	659,579	633,141	559,058	626,175	656,054	687,303	643,400	7,058,632	5,782,003
b. Water Sales	22,356	24,483	23,833	24,496	23,247	28,617	18,234	18,457	28,961	30,872	28,118	36,051	273,716	237,053
c. Sewer Sales	11,289	12,366	11,836	12,204	13,274	13,201	11,845	12,625	14,646	15,832	14,636	18,024	145,333	126,288
d. Other operating revenue	14,697	19,052	8,980	12,939	8,920	13,651	15,090	21,352	20,829	9,348	34,898	10,349	108,961	147,377
Revenue - Total	675,089	676,887	700,789	715,559	696,813	715,049	678,311	611,492	690,612	712,106	764,956	707,824	7,586,642	6,292,721
Expenses - US\$														
Fuel & Lubricants	341,204	333,944	329,402	357,813	351,703	324,559	289,207	267,204	312,148	318,439	338,876	314,459	3,738,941	2,874,408
Salaries, Wages & Benefits	97,994	96,620	82,808	90,443	86,883	86,183	114,829	97,726	102,212	97,018	98,743	90,353	1,087,840	864,391
Contractual Services	8,250	7,494	8,596	10,274	8,120	8,934	5,039	4,723	5,762	4,996	5,316	5,077	105,293	58,240
O&M - Power Generation	11,026	21,919	11,968	2,592	2,796	9,175	44,696	32,945	5,747	10,542	21,962	14,283	205,681	144,738
O&M - Power Distribution	15,741	10,603	18,625	8,235	7,355	17,556	4,237	3,130	12,231	12,053	10,265	4,302	140,422	79,362
O&M - Water	12,388	6,097	8,152	2,591	4,668	787	3,616	220	5,726	5,154	3,710	996	59,845	27,468
O&M - Sewer	120	0	0	71	0	1,650	795	62	262	0	421	600	3,602	3,860
Finance & Administration Overheads	52,455	39,815	34,970	56,170	44,688	69,378	62,013	38,878	39,494	52,298	77,357	63,218	619,662	503,495
Vehicle & Eq. Fuel	24,804	17,424	13,600	12,698	8,928	11,732	14,678	10,798	9,244	23,045	13,952	10,860	180,871	115,936
CPUC Power Usage (incl. in O&M from Oct 15)	13,736	14,233	13,266	15,329	14,016	12,583	12,511	9,879	12,206	13,066	10,970	11,705	157,143	112,264
Training	0	5,340	0	0	0	0	0	0	0	0	0	0	9,601	0
Expense - Total	577,718	553,489	521,388	556,217	529,156	542,538	551,620	465,565	505,033	536,611	581,571	515,853	6,308,899	4,784,163
Operating Income/(Loss)	97,371	123,398	179,401	159,343	167,657	172,511	126,691	145,927	185,579	175,494	183,384	191,971	1,277,743	1,508,558
Non-Cash Expenses - US\$														
Depreciation	122,291	122,291	122,291	118,520	118,520	118,520	118,520	118,520	118,520	118,520	118,520	118,520	1,467,491	1,066,679
Interest Expense	5,667	5,667	5,667	5,189	5,189	5,188	5,188	5,188	5,188	5,188	5,188	5,188	68,004	46,694
Non-Cash Expense - Total - US\$	127,958	127,958	127,958	123,709	123,709	123,708	123,708	123,708	123,708	123,708	123,708	123,708	1,535,495	1,113,373
Income/(Loss) - excluding grant support - US\$	-30,587	-4,560	51,443	35,634	43,949	48,803	2,983	22,219	61,871	51,786	59,676	68,263	-257,752	395,185
Non-operating Income (Grant Support) - US\$	300,139	61	64	0	23	31	28	-1,417	0	26,571	-27,657	0	416,122	-2,421
Income/(Loss) - including grant support - US\$	269,552	-4,498	51,507	35,633	43,972	48,834	3,010	20,803	61,872	78,357	32,019	68,263	158,370	392,763

Financial Table 2 Cash Flow and A/R Report – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019
Cash Flow Report - US\$														
Receipts	900,095	578,614	613,681	568,122	567,676	609,554	495,964	502,977	560,338	571,094	752,602	536,996	6,998,463	5,165,323
Disbursements	974,693	497,138	490,106	400,353	598,191	522,456	685,740	482,306	815,182	469,484	520,832	525,879	7,206,976	5,020,423
Net receipts/Disbursements	-74,598	81,476	123,575	167,769	-30,515	87,098	-189,776	20,671	-254,844	101,610	231,770	11,117	-208,513	144,900
Cash balance (beginning)	949,000	923,458	1,004,934	1,128,509	1,296,278	1,265,763	1,352,861	1,163,085	1,183,756	928,912	1,030,522	1,262,292	1,287,966	1,128,509
Cash balance (end)	874,402	1,004,934	1,128,509	1,296,278	1,265,763	1,352,861	1,163,085	1,183,756	928,912	1,030,522	1,262,292	1,273,409	1,096,437	1,262,292
Other Financial Data - US\$														
Cash in Hand	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694
Cash in Banks (Bank Overdraft)	921,765	1,003,240	1,126,815	1,294,584	1,264,069	1,351,167	1,161,391	1,182,062	927,218	1,028,828	1,260,598	1,271,715	1,126,815	1,260,598
Stocks	1,197,970	1,237,812	1,150,298	1,174,400	1,304,315	1,336,202	1,365,090	1,166,243	1,044,682	1,095,392	1,085,816	1,203,022	1,150,298	1,085,816
Trade Receivable	524,461	501,070	557,173	540,583	604,738	582,092	638,014	674,256	665,151	751,264	661,176	740,830	557,173	661,176
Prepaid Lease	298,956	296,925	294,893	292,861	290,830	288,798	286,766	284,735	282,703	280,671	278,640	276,608	294,893	278,640
Collateral with Vital Inc.	610,469	622,843	634,300	647,590	649,881	649,881	649,881	649,881	649,881	649,881	649,881	649,881	634,300	649,881
Current Payables (Fuel, Taxes, Payable to Fed Gov't, etc.)	748,381	829,741	828,618	937,409	977,121	905,956	939,856	915,763	948,973	1,005,347	985,819	907,996	828,618	985,819
Loans Payable	4,106,082	4,101,983	4,097,884	4,093,785	4,089,687	4,085,588	3,933,976	3,936,453	3,936,453	3,927,640	3,927,640	3,940,136	4,097,884	3,927,640
Total Accounts Receivable (to date) - US\$														
Government Power	299,318	297,133	321,533	338,492	391,246	382,595	385,375	393,099	356,369	408,056	366,946	402,465	321,533	366,946
Commercial Power	40,873	12,240	35,477	-13,692	-10,461	-39,122	0	86,794	105,986	108,470	79,490	113,226	35,477	79,490
Residential Power	142,003	142,954	147,884	149,639	155,574	159,235	161,590	131,111	133,425	137,780	140,179	143,299	147,884	140,179
Water	103,493	97,643	89,343	91,005	79,986	77,789	77,608	160,233	151,706	163,463	150,682	139,937	89,343	150,682
Sewer	214,338	226,663	238,500	250,703	263,958	277,158	289,004	178,583	193,229	209,061	199,443	217,467	238,500	199,443
Allowance for Doubtful	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564	-275,564
Total	524,461	501,070	557,173	540,583	604,738	582,092	638,014	674,256	665,151	751,264	661,176	740,830	557,173	661,176

Financial Table 3 Power Sales Report – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019
Power Sales Report														
Power Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government - Post Paid	73,975	69,063	73,902	78,982	73,888	69,157	87,369	73,785	78,489	89,656	89,941	86,253	857,283	727,519
Government - Pre Paid (Cash Power)	45,305	44,399	38,838	46,381	34,127	50,728	33,519	34,643	29,986	42,001	40,141	39,592	504,164	351,119
Government Streetlights	2,594	2,594	2,546	3,083	2,940	3,083	3,083	3,083	3,083	2,940	3,038	2,941	30,496	27,276
Solar	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	3,998	46,311	35,984
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	584	0
Government Total	125,872	120,054	119,284	132,444	114,954	126,966	127,969	115,510	115,556	138,596	137,118	132,784	1,438,838	1,141,898
Commercial - Post Paid	246,223	243,928	268,635	250,934	268,716	223,874	265,051	211,671	239,394	255,743	258,844	240,595	2,751,357	2,214,823
Commercial - Pre Paid (Cashpower)	87,521	83,362	92,268	94,573	92,193	96,160	88,719	70,336	90,016	90,529	94,978	90,697	992,414	808,200
Commercial - Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	8,095	0
Commercial Total	333,744	327,290	360,904	345,507	360,909	320,034	353,770	282,008	329,410	346,272	353,822	331,292	3,751,866	3,023,023
Residential - Post Paid	2,302	4,511	8,061	4,820	8,569	7,568	6,237	6,070	7,327	7,085	5,880	4,501	69,808	58,057
Residential - Pre Paid (Cashpower)	134,069	136,455	133,278	151,808	146,347	155,168	132,124	114,831	136,588	137,594	156,856	141,797	1,453,847	1,273,113
Residential Scratch Card Sales	12,240	12,368	11,758	13,863	13,495	20,857	11,435	17,956	13,746	15,623	16,637	15,382	124,156	138,994
Residential Total	148,611	153,334	153,097	170,490	168,410	183,593	149,796	138,857	157,661	160,302	179,373	161,680	1,647,811	1,470,163
Trade Power Sales Total	608,227	600,678	633,285	648,441	644,273	630,593	631,536	536,375	602,627	645,170	670,313	625,756	6,838,516	5,635,085
Intercompany - CPUC Office	1,246	1,258	1,262	1,461	1,294	1,503	1,131	1,188	1,417	1,417	1,520	1,434	14,914	12,364
Intercompany - CPUC Power Operation	5,856	4,138	1,155	3,060	2,733	2,639	3,034	3,101	3,461	3,517	3,252	3,324	38,604	28,120
Intercompany - CPUC Water Operations	6,017	6,247	6,082	5,910	6,332	6,363	5,834	4,371	5,075	6,720	5,641	5,412	62,774	51,657
Intercompany - CPUC Sewer Operations	7,719	7,986	7,184	9,420	7,684	6,220	6,677	5,508	7,131	6,346	5,329	6,293	88,568	60,607
Cash Power UnEamed	-2,319	679	7,172	-2,371	-10,945	12,262	-15,070	8,515	6,464	-7,116	1,248	1,182	9,455	-5,830
Total Power Sales - US\$	626,747	620,986	656,139	665,920	651,371	659,579	633,141	559,058	626,175	656,054	687,303	643,400	7,052,831	5,782,003
Power Sales kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
Government - Post Paid	124,632	114,393	123,341	128,300	122,835	114,867	143,735	125,383	132,491	149,022	152,036	154,814	1,531,838	1,223,483
Government - Pre Paid (Cash Power)	84,888	82,174	69,891	82,440	58,207	88,223	61,133	64,309	54,779	75,583	71,680	70,486	975,797	626,840
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	122,514	93,393
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	1,160	0
Government Total	219,897	206,944	203,609	221,117	191,419	213,467	215,245	200,069	197,647	234,982	234,094	235,676	2,631,309	1,943,716
Commercial - Post Paid	492,190	502,928	513,220	470,232	494,277	407,901	519,204	419,500	463,469	488,861	487,611	442,981	5,684,451	4,194,036
Commercial - Pre Paid (Cashpower)	170,374	160,220	172,239	174,360	162,798	173,260	167,933	135,601	170,678	168,992	175,885	167,430	1,995,954	1,496,938
Commercial Scratchcard	0	0	0	0	0	0	0	0	0	0	0	0	16,680	0
Commercial Total	662,564	663,148	685,459	644,592	657,075	581,161	687,137	555,101	634,148	657,853	663,496	610,411	7,697,085	5,690,975
Residential - Post Paid	4,693	9,168	15,876	9,408	16,193	14,025	12,874	12,412	14,671	13,976	11,492	8,802	149,898	113,853
Residential - Pre Paid (Cashpower)	277,232	278,365	263,604	296,326	272,933	295,614	265,203	235,021	274,659	272,140	307,620	277,165	3,109,297	2,496,681
Residential Scratch Card Sales	25,147	25,233	23,185	24,966	31,292	39,434	26,220	28,717	27,348	32,598	32,434	32,142	264,699	275,151
Residential Total	307,072	312,766	302,665	330,700	320,418	349,072	304,297	276,150	316,678	318,714	351,546	318,109	3,523,893	2,885,684
Trade Power Sales Total	1,189,532	1,182,858	1,191,733	1,196,409	1,168,912	1,143,700	1,206,680	1,031,320	1,148,473	1,211,548	1,249,136	1,164,196	13,852,288	10,520,374
Intercompany - CPUC Office	4,944	4,992	4,582	5,797	5,135	5,963	4,488	4,714	5,624	5,624	6,031	5,689	58,756	49,065
Intercompany - CPUC Power Operation	23,240	16,422	5,009	12,142	10,845	10,472	12,039	12,305	13,735	13,955	12,906	13,189	153,619	111,588
Intercompany - CPUC Water Operations	23,876	24,789	24,134	23,451	25,126	25,250	23,152	17,345	20,139	26,666	22,385	21,476	272,124	204,990
Intercompany - CPUC Sewer Operations	30,632	31,690	28,507	37,380	30,492	24,681	26,495	21,857	28,296	25,183	21,147	24,973	351,460	240,504
Cash Power Unearned (accrual)	-581	2,115	16,509	-1,558	-17,254	20,020	-33,182	14,290	14,106	-11,940	3,183	2,497	35,099	-9,838
Total Power Sales - kWh	1,271,643	1,262,866	1,270,474	1,273,621	1,223,256	1,230,086	1,239,672	1,101,831	1,230,373	1,271,036	1,314,788	1,232,020	14,723,346	11,116,684

Financial Table 4 Water Sales Report – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Mar 20	May 19	Jun 19	FY2018	FY2019
Water/Sewer Sales Report														
Water Sales US\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Government	4,539	5,030	4,970	5,708	4,836	6,313	4,945	6,628	5,740	10,312	8,252	11,075	64,292	63,809
Commercial	9,437	9,911	10,118	9,379	10,650	11,402	6,239	8,195	12,287	10,538	11,067	13,812	107,226	93,571
Residential	8,380	9,542	8,745	9,409	7,761	10,902	7,050	3,634	10,933	10,022	8,799	11,163	105,891	79,673
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	-3,693	0
Total	22,356	24,483	23,833	24,496	23,247	28,617	18,234	18,457	28,961	30,872	28,118	36,051	273,716	237,053
Sewer Sales - US\$														
Government	2,057	2,405	2,380	2,739	2,295	3,015	2,341	3,193	2,621	4,903	3,888	5,212	30,340	30,207
Commercial	3,103	3,442	3,051	6,753	8,223	7,211	6,981	7,093	9,172	8,109	8,109	9,972	45,250	71,624
Commercial with No Water	3,685	3,705	3,705	0	0	0	0	0	0	0	0	0	44,261	0
Residential	725	733	620	2,712	2,756	2,975	2,523	2,340	2,853	2,820	2,638	2,840	7,167	24,457
Residential with No Water	1,720	2,080	2,080	0	0	0	0	0	0	0	0	0	21,372	0
Provision for Billing Errors	0	0	0	0	0	0	0	0	0	0	0	0	-3,057	0
Sewer Sales	11,289	12,366	11,836	12,204	13,274	13,201	11,845	12,625	14,646	15,832	14,636	18,024	145,333	126,288
Total Water & Sewer Sales	33,645	36,849	35,669	36,700	36,522	41,818	30,079	31,082	43,607	46,703	42,754	54,075	419,049	363,341
Water Sales - Gallons														
Government	929,270	1,027,400	1,020,140	1,163,478	989,349	1,289,270	1,017,996	1,581,229	1,171,324	2,082,353	1,676,591	2,820,480	13,253,730	13,792,070
Commercial	1,987,310	2,059,220	2,059,130	1,959,674	2,220,194	2,354,520	1,741,160	1,475,740	2,527,990	2,172,440	2,290,800	2,240,915	22,148,259	18,983,433
Residential	3,466,640	3,533,960	3,275,420	3,533,710	3,227,530	4,021,600	2,627,420	2,720,160	4,090,082	3,757,416	3,337,700	4,136,772	39,930,226	31,452,390
Water Delivery & Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	49,325	0
Total	6,383,220	6,620,580	6,354,690	6,656,862	6,437,073	7,665,390	5,386,576	5,777,129	7,789,396	8,012,209	7,305,091	9,198,167	75,381,540	64,227,893

Financial Table 5 Key Performance Indicators – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019
1a. Non Revenue Power	15.2%	13.9%	12.5%	16.2%	15.5%	15.3%	12.7%	14.6%	13.8%	11.9%	14.0%	12.9%	15.6%	14.1%
Total Power Generated - kWh	1,499,092	1,467,018	1,451,201	1,519,270	1,447,320	1,451,890	1,419,536	1,290,507	1,426,566	1,442,047	1,529,633	1,414,079	17,441,330	12,940,847
Total Power Billed - kWh	1,271,643	1,262,866	1,270,474	1,273,621	1,223,256	1,230,086	1,239,672	1,101,831	1,230,373	1,271,036	1,314,788	1,232,020	14,723,346	11,116,684
Generation Loss (actual from Jun 17)	28,184	21,414	9,591	17,939	15,980	16,435	16,527	17,019	19,359	19,579	18,937	18,878	212,248	160,653
Distribution Loss Derived - kWh	161,788	146,062	134,856	189,728	171,901	169,072	127,849	139,394	141,170	115,381	157,668	127,828	2,069,703	1,339,989
Commercial Loss (assumed 2.5%) - kWh	37,477	36,675	36,280	37,982	36,183	36,297	35,488	32,263	35,664	36,051	38,241	35,352	436,033	323,521
Total Loss - kWh	227,449	204,152	180,727	245,648	224,064	221,804	179,864	188,675	196,193	171,011	214,846	182,058	2,717,984	1,824,163
Distribution loss %	10.8%	10.0%	9.3%	12.5%	11.9%	11.6%	9.0%	10.8%	9.9%	8.0%	10.3%	9.0%	11.9%	10.4%
1b. Non Revenue Water	72.2%	71.3%	71.7%	71.5%	74.9%	68.1%	76.1%	64.9%	60.6%	58.0%	55.0%	48.7%	71.4%	65.3%
Water Produced (million gallons)	22.98	23.08	22.44	23.32	25.65	24.06	22.50	16.48	19.79	19.07	16.25	17.93	263.4	185
Water Billed (million gallons)	6.38	6.62	6.35	6.66	6.44	7.67	5.39	5.78	7.79	8.01	7.31	9.20	75	64
2. Current ratio	4.35	4.06	4.19	3.90	3.91	4.33	4.06	4.01	3.47	3.51	3.71	4.26	4.06	3.90
	4.12	3.86	3.98	3.69	3.70	4.13	3.86	3.77	3.22	3.24	3.46	3.98	3.84	3.69
	8.44	7.57	7.37	8.69	7.89	7.72	6.64	12.31	9.69	10.56	11.28	12.16	8.46	8.69
	8.11	6.82	8.15	7.90	9.40	8.25	8.42	6.85	6.73	8.14	7.89	8.56	7.46	7.90
3. ROA (excludes other operating income/grant support)	-0.13%	-0.02%	0.22%	0.15%	0.19%	0.21%	0.01%	0.09%	0.26%	0.22%	0.25%	0.28%	-0.01	0.00
Power Business	0.27%	0.36%	0.64%	0.52%	0.52%	0.55%	0.41%	0.34%	0.59%	0.56%	0.61%	0.56%	0.03	0.01
Water Business	-2.59%	-2.08%	-1.95%	-1.18%	-1.10%	-0.85%	-2.07%	-0.30%	-0.75%	-0.98%	-0.88%	-0.24%	-0.25	-0.01
Sewer Business	-1.14%	-1.07%	-0.96%	-1.01%	-0.86%	-0.98%	-1.09%	-0.90%	-0.91%	-0.96%	-1.05%	-0.84%	-0.13	-0.01
4. Operating ratio	0.86	0.82	0.74	0.78	0.76	0.76	0.81	0.76	0.73	0.75	0.80	0.74	0.83	0.78
Power Business	0.78	0.75	0.69	0.73	0.72	0.72	0.74	0.73	0.69	0.71	0.74	0.71	0.76	0.73
Water Business	1.66	1.44	1.38	1.11	1.06	0.95	1.63	0.75	0.93	1.01	1.37	0.83	1.46	1.11
Sewer Business	3.22	2.79	2.45	2.66	2.06	2.44	2.93	2.17	1.98	2.08	2.38	1.68	2.81	2.66
5. Days in Accounts Receivable	24.62	22.85	24.16	23.08	26.37	24.90	28.86	34.28	29.79	32.07	27.17	31.86	22.45	23.08
Power Business	15.64	14.57	15.96	14.63	17.54	16.04	18.70	24.05	20.86	22.62	18.07	22.40	13.85	14.63
Water Business	91.04	77.19	75.25	73.82	70.91	55.35	89.17	184.88	111.12	116.22	113.47	84.88	77.10	73.82
Sewer Business	373.40	354.78	404.47	408.19	409.81	427.49	511.16	301.23	279.85	289.84	288.55	263.83	337.09	408.19

Power Table 1 Power Operation Indicators – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019 YTD
Generation Statistics														
Diesel Generation - kWh	1,471,791	1,447,204	1,415,898	1,496,930	1,421,593	1,428,107	1,392,221	1,263,683	1,400,164	1,414,321	1,501,140	1,388,955	17,122,425	12,707,114
Peak Generation - kW	2,767	2,808	2,851	2,906	2,943	2,829	2,622	2,644	2,752	2,936	2,882	2,893	2,941	2,936
Fuel Consumption - Gallons	98,754	97,296	95,293	100,623	95,533	96,308	93,404	86,913	95,213	97,160	101,610	94,006	1,143,186	860,770
Average Fuel Price (\$/Gallon)	3.53	3.50	3.52	3.62	3.63	3.37	3.03	3.00	3.13	3.17	3.27	3.27	3.33	29.49
Load Factor (%)	71%	69%	68%	69%	65%	68%	72%	67%	69%	65%	70%	65%	67%	67%
Capacity Factor (%)	49%	50%	51%	52%	53%	51%	47%	47%	49%	52%	51%	52%	40%	40%
Availability Factor (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	600%	700%	100%	100%
Reserve Plant Margin (%)	182%	178%	174%	168%	165%	176%	197%	195%	183%	166%	171%	170%	165%	168%
Solar PV Generation - kWh	27,301	19,814	35,303	22,340	25,727	23,783	27,315	26,824	26,402	27,726	28,493	25,124	318,905	233,733
Solar Generation %	1.8%	1.4%	2.4%	1.5%	1.8%	1.6%	1.9%	2.1%	1.9%	1.9%	1.9%	1.8%	1.8%	1.8%
Peak PV Generation -kW	213	155	276	175	201	186	213	210	206	217	223	196	153	1,498
Avoided Fuel - Gallons	1,832	1,332	2,376	1,502	1,729	1,604	1,833	1,845	1,795	1,905	1,929	1,700	21,293	15,833
Avoided Cost of Fuel - US\$	6,466	4,662	8,373	5,439	6,279	5,405	5,543	5,535	5,612	6,044	6,306	5,564	70,922	51,964
Tons of CO2 avoided	18.5	13.5	24.0	15.2	17.5	16.2	18.5	18.6	18.1	19.2	19.5	17.2	215.1	159.9
Labour Productivity (kWh/Emp/d)	1,643	1,615	1,580	1,671	1,587	1,594	1,554	1,410	1,563	1,578	1,675	1,550	1,466	1,455
SFOC (kWh/gal)	14.90	14.87	14.86	14.88	14.88	14.83	14.91	14.54	14.71	14.56	14.77	14.78	14.98	14.76
DG1 - GE 1.8	15.38	14.87	15.11	15.00	15.00	14.93	15.04	15.12	15.31	15.20	15.24	15.02	15.36	15.09
DG2 - GE 1.8	15.09	14.96	15.20	15.15	14.98	14.85	15.29	15.37	15.19	15.21	15.30	15.43	15.01	15.19
DG3 - CAT 1.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.45	10.12	8.42	4.81	0.00	10.40
DG4 - CAT 1.3	14.26	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.24	12.45
DG5 - CAT 1.3	13.09	13.90	13.02	13.83	13.72	12.93	13.51	13.05	13.88	13.88	14.33	11.64	14.09	13.49
SLOC (kWh/gal)	3,803	2,548	2,216	5,780	1,932	4,698	5,396	2,344	2,174	1,811	5,342	4,891	3,747	3,110
DG1 - GE 1.8	4,471	1,326	2,856	4,249	1,461	4,304	3,105	4,448	1,242	2,986	3,257	3,538	3,655	2,635
DG2 - GE 1.8	0	0	0	5,987	2,091	4,855	6,150	1,670	4,854	0	0	0	3,211	3,317
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	1,183
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	42
DG5 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	1,283
CAT #3 - Retired May 2017	0	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%	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%	0.00%
Distribution														
Customers/Employee	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Transformer Utilisation (%)	26.0%	26.4%	26.8%	27.4%	27.7%	26.6%	24.7%	24.9%	25.9%	27.6%	27.1%	27.2%	27.7%	27.4%
Distribution Losses (%)	6.7%	5.4%	4.0%	7.7%	7.0%	6.8%	4.2%	6.1%	5.3%	3.4%	5.5%	4.4%	85.0%	50.2%
SAIDI (hours/consumer)	0.04	0.01	0.22	0.07	0.09	0.00	0.04	0.00	0.00	0.01	0.06	0.00	2.94	0.27
SAIFI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.024	0.013
Average Cost (\$/kWh)	0.23	0.23	0.23	0.24	0.24	0.22	0.20	0.20	0.21	0.21	0.22	0.22	0.22	0.22

Power Table 2 Power Generation Statistics – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019 YTD
Generation - Engine Output (kWh)														
DG1 - GE 1.8	769,020	613,939	456,999	599,140	526,088	667,180	388,078	453,676	523,052	591,227	462,521	470,551	8,772,077	4,681,513
DG2 - GE 1.8	447,921	776,739	781,727	706,479	786,323	723,362	781,079	571,171	621,248	566,575	807,131	786,294	4,466,850	6,349,662
DG3 - CAT 1.6	0	663	0	3,050	0	0	0	116,914	112,399	94,643	48,041	3,059	663	378,106
DG4 - CAT 1.3	64,518	483	0	0	0	0	249	0	0	0	0	0	1,632,075	249
DG5 - CAT 1.3	190,332	55,380	177,172	188,261	109,182	37,565	222,815	121,922	143,465	161,876	183,447	129,051	2,250,760	1,297,584
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diesel Generation Total (kWh)	1,471,791	1,447,204	1,415,898	1,496,930	1,421,593	1,428,107	1,392,221	1,263,683	1,400,164	1,414,321	1,501,140	1,388,955	17,122,425	12,707,114
Airport Solar Panel	4,761	4,605	5,975	6,816	6,629	6,749	6,087	6,823	5,033	5,875	6,543	5,626	69,699	56,180
High School Solar Grid Connect	22,540	15,209	29,328	15,524	19,098	17,034	21,228	20,001	21,369	21,851	21,950	19,498	249,206	177,553
Solar PV Generation Total (kWh)	27,301	19,814	35,303	22,340	25,727	23,783	27,315	26,824	26,402	27,726	28,493	25,124	318,905	233,733
Total Generation (kWh)	1,499,092	1,467,018	1,451,201	1,519,270	1,447,320	1,451,890	1,419,536	1,290,507	1,426,566	1,442,047	1,529,633	1,414,079	17,441,330	12,940,847
Maximum Demand (kW)	2,767	2,808	2,851	2,906	2,943	2,829	2,622	2,644	2,752	2,936	2,882	2,893	2,941	2,943
Engine Rating kW (at 0.8 PF)														
DG1 - GE 1.8	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG2 - GE 1.8	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
DG3 - CAT 1.6	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
DG4 - CAT 1.3	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
DG5 - CAT 1.3	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
CAT #3 - Retired May 2017	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Station Services (kWh)	23,240	16,422	5,009	12,142	10,845	10,472	12,039	12,305	13,735	13,955	12,906	13,189	153,619	111,588
Running Hours														
DG1 - GE 1.8	711	611	482	545	499	652	391	417	563	408	415	459	7,588	4,349
DG2 - GE 1.8	432	711	705	622	705	680	654	476	512	489	701	710	4,073	5,549
DG3 - CAT 1.6	0	2	0	7	0	0	0	188	179	263	44	3	2	684
DG4 - CAT 1.3	115	3	0	0	0	0	0	0	0	0	0	0	2,064	0
DG5 - CAT 1.3	269	87	302	253	182	56	330	190	229	257	302	219	2,960	2,018
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hours	1,527	1,414	1,489	1,427	1,386	1,388	1,375	1,271	1,483	1,417	1,462	1,391	16,687	12,600

Power Table 3 Fuel & Lube Oil Statistics – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019 YTD
Fuel Consumption (Gallons)														
DG1 - GE 1.8	50,005	41,289	30,252	39,939	35,076	44,685	25,803	30,014	34,166	38,892	30,358	31,330	571,208	310,264
DG2 - GE 1.8	29,682	51,936	51,437	46,617	52,498	48,718	51,088	37,158	40,895	37,254	52,747	50,955	297,646	417,929
DG3 - CAT 1.6	0	51	0	450	0	0	0	10,400	9,813	9,352	5,705	636	51	36,356
DG4 - CAT 1.3	4,525	35	0	0	0	0	20	0	0	0	0	0	114,582	20
DG5 - CAT 1.3	14,542	3,985	13,604	13,616	7,960	2,905	16,493	9,341	10,339	11,661	12,800	11,086	159,700	96,201
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel Consumption (Gals)	98,754	97,296	95,293	100,623	95,533	96,308	93,404	86,913	95,213	97,160	101,610	94,006	1,143,186	860,770
Average Fuel Price (\$/Gallon)	3.53	3.50	3.52	3.62	3.63	3.37	3.03	3.00	3.13	3.17	3.27	3.27	3.33	3.28
Lube Oil Consumption (Gallons)														
DG1 - GE 1.8	172	198	0	0	265	0	0	0	265	0	0	0	1,258	530
DG2 - GE 1.8	25	105	265	0	265	0	0	265	0	265	0	0	823	795
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	95	95	0	0	0	190
DG4 - CAT 1.3	0	0	0	0	0	0	0	0	0	0	0	0	25	0
DG5 - CAT 1.3	0	0	95	0	0	0	0	95	0	95	0	0	109	190
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total LO Consumption (Gals)	197	303	360	0	530	0	0	360	360	455	0	0	2,215	1,705
Oil Change Log (75 Gal/Change)														
DG1 - GE 1.8	0	265	160	141	95	155	125	102	156	198	142	133	1,142	1,247
DG2 - GE 1.8	0	0	119	118	111	149	127	77	128	128	130	151	568	1,119
DG3 - CAT 1.6	0	0	0	0	0	0	0	0	0	0	9	0	0	9
DG4 - CAT 1.3	95	0	0	0	0	0	6	0	0	0	0	0	190	6
DG5 - CAT 1.3	95	0	0	0	0	0	0	0	0	0	0	0	455	0
CAT #3 - Retired May 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil Change Volume(Gals)	190	265	279	259	206	304	258	179	284	326	281	284	2,355	2,381

Power Table 4 Distribution Feeder Statistics - July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	2018 YTD	2019 YTD
Feeder 1 Load	397,981	388,731	387,602	393,189	378,169	368,423	363,908	332,213	362,910	370,578	392,382	372,240	4,606,622	3,334,012
Feeder 2 Load	117,490	115,156	122,494	128,796	123,570	125,549	119,343	108,647	120,877	121,341	131,055	115,761	1,455,155	1,094,939
Feeder 3 Load	439,104	430,116	422,751	454,583	435,762	439,710	425,879	378,375	369,016	371,308	451,818	425,513	5,114,975	3,751,964
Feeder 4 Load	357,225	348,312	345,868	363,327	332,911	343,791	333,549	298,559	332,632	333,833	362,263	335,313	4,464,146	3,036,177
Feeder 5 Load	159,108	163,289	162,895	161,436	160,928	157,982	160,330	155,694	221,772	225,408	173,178	146,374	1,588,184	1,563,102
Total Feeder Load (kWh)	1,470,908	1,445,604	1,441,610	1,501,331	1,431,340	1,435,455	1,403,009	1,273,488	1,407,207	1,422,468	1,510,696	1,395,201	17,229,082	12,780,194
													0	0
Feeder 1 Sales	342,521	327,785	320,046	346,801	316,668	343,035	310,536	286,347	309,811	329,490	339,789	324,497	3,961,355	2,906,974
Feeder 2 Sales	88,833	97,025	103,912	95,219	103,615	109,677	92,743	90,199	108,059	102,802	103,369	100,886	1,170,347	906,569
Feeder 3 Sales	358,796	347,271	381,846	371,324	362,552	341,229	377,205	333,026	349,196	371,166	383,050	351,041	4,399,688	3,239,789
Feeder 4 Sales	325,758	336,350	316,697	322,152	300,896	299,126	309,193	276,496	301,636	312,730	333,010	312,561	3,766,831	2,767,801
Feeder 5 Sales	127,795	135,897	142,532	129,824	138,109	120,489	141,257	117,478	126,995	139,094	138,207	132,854	1,260,670	1,184,307
Total Feeder Sales (kWh)	1,243,703	1,244,328	1,265,033	1,265,320	1,221,840	1,213,555	1,230,934	1,103,546	1,195,698	1,255,282	1,297,424	1,221,840	14,558,891	11,005,440
Feeder 1 Loss - kWh	55,460	60,946	67,556	46,388	61,501	25,388	53,372	45,866	53,099	41,088	52,593	47,743	645,267	427,038
Feeder 2 Loss - kWh	28,657	18,131	18,582	33,577	19,955	15,872	26,600	18,448	12,818	18,539	27,686	14,875	284,808	188,370
Feeder 3 Loss - kWh	80,308	82,845	40,905	83,259	73,210	98,481	48,674	45,349	19,820	142	68,768	74,472	715,287	512,175
Feeder 4 Loss - kWh	31,467	11,962	29,171	41,174	32,015	44,665	24,356	22,063	30,995	21,103	29,254	22,751	697,315	268,377
Feeder 5 Loss - kWh	31,313	27,392	20,363	31,612	22,819	37,493	19,073	38,216	94,777	86,314	34,971	13,520	327,514	378,795
Total Feeder Loss - kWh	227,205	201,276	176,577	236,010	209,500	221,900	172,075	169,941	211,508	167,186	213,272	173,360	2,670,191	1,774,754
Feeder 1 Loss - %	13.9%	15.7%	17.4%	11.8%	16.3%	6.9%	14.7%	13.8%	14.6%	11.1%	13.4%	12.8%	14.0%	12.8%
Feeder 2 Loss - %	24.4%	15.7%	15.2%	26.1%	16.1%	12.6%	22.3%	17.0%	10.6%	15.3%	21.1%	12.8%	19.6%	17.2%
Feeder 3 Loss - %	18.3%	19.3%	9.7%	18.3%	16.8%	22.4%	11.4%	12.0%	5.4%	0.0%	15.2%	17.5%	14.0%	13.7%
Feeder 4 Loss - %	8.8%	3.4%	8.4%	11.3%	9.6%	13.0%	7.3%	7.4%	9.3%	6.3%	8.1%	6.8%	15.6%	8.8%
Feeder 5 Loss - %	19.7%	16.8%	12.5%	19.6%	14.2%	23.7%	11.9%	24.5%	42.7%	38.3%	20.2%	9.2%	20.6%	24.2%
Total Feeder Loss - %	15.4%	13.9%	12.2%	15.7%	14.6%	15.5%	12.3%	13.3%	15.0%	11.8%	14.1%	12.4%	15.5%	13.9%

Power Table 5 Customer Energy Use By Category and By Feeder - June 2019

Feeder	kWh/Connection		
	Residential	Commercial	Government
	kWh/Con	No. meters	kWh/Con
F01	266	1,249	7,290
F02	173	2,316	2,543
F03	221	2,004	1,928
F04	193	3,398	3,483
F05	161	3,236	1,715
Total	203	2,440	3,392

Power Table 6 Power Distribution Statistics – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019 YTD
Number of Outages (Frequency)														
Forced - Generation	1	1	0	0	0	0	0	0	0	0	1	0	5	1
Planned - Generation	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Total Number of Outages (Gen)	1	1	0	0	0	0	0	0	0	2	1	0	5	3
Forced - Distribution	5	5	1	4	2	0	1	0	0	0	5	0	29	12
Feeder 1	1	1	0	0	0	0	0	0	0	0	1	0	5	1
Feeder 2	1	1	0	0	0	0	1	0	0	0	1	0	6	2
Feeder 3	1	1	0	0	0	0	0	0	0	0	1	0	5	1
Feeder 4	1	1	1	1	1	0	0	0	0	0	1	0	6	3
Feeder 5	1	1	0	3	1	0	0	0	0	0	1	0	7	5
Planned - Distribution	0	0	1	0	0	0	0	0	0	10	0	0	10	10
Feeder 1	0	0	0	0	0	0	0	0	0	2	0	0	2	2
Feeder 2	0	0	1	0	0	0	0	0	0	2	0	0	6	2
Feeder 3	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Feeder 4	0	0	0	0	0	0	0	0	0	2	0	0	2	2
Feeder 5	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Total Number of Outages (Dist)	5	5	2	4	2	0	1	0	0	10	5	0	39	22

Power Table 7 Power Outage Statistics – July 2018 to June 2019

	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19	FY2018	FY2019 YTD
Duration of Outages (Hrs)														
Forced - Generation	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3
Planned - Generation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Total Duration Gen Outage (Hrs)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.3	0.3
Forced - Distribution	1.0	0.3	1.1	2.0	2.5	0.0	1.1	0.0	0.0	0.0	1.6	0.0	40.3	7.1
Feeder 1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.3
Feeder 2	0.2	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.3	0.0	7.9	1.4
Feeder 3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.0	0.3
Feeder 4	0.2	0.1	1.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.6	0.7
Feeder 5	0.2	0.1	0.0	1.9	2.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	29.3	4.4
Planned - Distribution	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	39.8	0.3
Feeder 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	9.1	0.1
Feeder 2	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	27.4	0.1
Feeder 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Feeder 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	3.3	0.1
Feeder 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Total Duration Dist Outage (Hrs)	1.0	0.3	6.1	2.0	2.5	0.0	1.1	0.0	0.0	0.3	1.6	0.0	80.1	7.4

Water Table 1 Water Production & Sales Data Statistics – July 2018 to June 2019

COMPANY WIDE DATA	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	FY2019
Water Production (Millions)													
WTP Production	1,594,000	833,100	580,100	1,727,500	2,053,700	1,900,500	824,300	0	13,300	800	8,500	365,400	6,894,000
Pink Apartment Volume start of Month	404,700	450,300	518,700	518,700	581,400	582,000	582,000	582,000	582,000	582,000	582,000	582,000	5,174,100
Pink Apartment Volume end of Month	450,300	518,700	518,700	581,400	582,000	582,000	582,000	582,000	582,000	582,000	582,000	582,000	5,237,400
Pink Apartment Vol in to Supply/(Storage)	-45,600	-68,400	0	-62,700	-600	0	0	0	0	0	0	0	-63,300
Tankered volume for billing	12,000	12,000	12,000	0	0	0	0	0	113,300	113,400	0	0	226,700
Well Production (into supply)	21,439,900	22,322,700	21,873,000	21,656,400	23,599,000	22,162,684	21,498,700	16,480,600	19,887,600	19,183,200	16,238,900	17,152,000	177,859,084
Volume into network	22,976,300	23,075,400	22,441,100	23,321,200	25,652,100	24,063,184	22,323,000	16,480,600	19,787,600	19,070,600	16,247,400	17,517,400	184,463,084
Water Volume Billing (Millions)													
Commercial	1,508,790	1,702,780	1,651,810	1,667,764	2,141,584	1,759,840	1,535,470	1,619,430	2,538,480	2,025,220	2,081,700	2,796,980	18,166,469
Government (excludes hospital)	526,220	293,630	385,370	471,488	431,839	626,300	446,046	435,389	874,404	0	620,021	756,715	4,662,202
Government Hospital	513,100	715,600	650,600	679,500	598,200	643,300	546,400	896,100	242,900	1,197,200	917,200	1,315,500	7,036,300
Residential	3,835,110	3,898,610	3,696,910	3,838,110	2,986,070	4,364,060	2,846,350	2,531,840	4,100,542	3,932,696	3,565,580	4,328,972	32,494,220
Water Delivery and Bunkering	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Adjustment													0
Total	6,383,220	6,610,620	6,384,690	6,656,862	6,157,693	7,393,500	5,374,266	5,482,759	7,756,326	7,155,116	7,184,501	9,198,167	62,359,191
NRW													
Volume	16,593,080	16,464,780	16,056,410	16,664,338	19,494,407	16,669,684	16,948,734	10,997,841	12,031,274	11,915,484	9,062,899	8,319,233	122,103,893
Percentage	72.2%	71.4%	71.5%	71.5%	76.0%	69.3%	75.9%	66.7%	60.8%	62.5%	55.8%	47.5%	66.2%
Invoiced Water Value (USD)													
Water Delivery and Bunkering													0
Commercial	\$9,578	\$9,958	\$10,159	\$9,438	\$10,685	\$11,474	\$8,378	\$8,223	\$12,287	\$10,538	\$11,088	\$13,812	95,924
Government (includes hospital)	\$4,539	\$4,419	\$4,452	\$5,708	\$4,836	\$6,314	\$4,945	\$6,628	\$5,740	\$10,312	\$8,252	\$11,075	63,810
Residential	\$9,281	\$9,538	\$8,745	\$9,409	\$8,480	\$11,186	\$7,051	\$7,096	\$10,963	\$10,022	\$8,799	\$11,163	\$84,167
Total	\$23,398	\$23,915	\$23,356	\$24,554	\$24,000	\$28,974	\$20,374	\$21,947	\$28,990	\$30,871	\$28,139	\$36,051	\$243,900
Sewer Charge (USD)													
Commercial	\$3,204	\$3,442	\$3,342	\$3,068	\$4,538	\$3,526	\$3,296	\$3,407	\$5,719	\$4,629	\$4,900	\$6,551	\$39,634
Commercial - w/o water	\$3,685	\$3,705	\$3,705	\$3,685	\$3,685	\$3,685	\$3,685	\$2,652	\$2,447	\$2,447	\$2,447	\$2,447	\$27,180
Government	\$2,057	\$2,405	\$2,380	\$2,739	\$2,295	\$3,015	\$2,341	\$3,193	\$2,621	\$4,903	\$3,888	\$5,212	\$30,207
Residential	\$740	\$733	\$630	\$642	\$693	\$1,005	\$533	\$532	\$917	\$864	\$698	\$929	\$6,814
Residential w/o water	\$1,720	\$2,089	\$2,076	\$2,070	\$2,060	\$1,990	\$1,990	\$2,040	\$2,064	\$2,036	\$1,940	\$1,940	\$18,130
Total	\$11,405	\$12,375	\$12,133	\$12,204	\$13,271	\$13,221	\$11,845	\$11,823	\$13,769	\$14,878	\$13,873	\$17,080	\$121,964

Water Table 2 Water/Sewer Connection Data – July 2018 to June 2019

COMPANY WIDE DATA	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	FY2019
Water Connection Data (No. of Connections)		470	473	481	481	478	479	479	444	447	468	479	479
Commercial - Billed	79	78	79	76	77	76	76	77	72	73	78	83	83
Commercial - Disconnected	4	5	5	8	8	8	8	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	19,099	21,831	20,909	21,944	27,813	23,156	20,204	21,032	35,257	27,743	26,688	33,699	218,873
Government - Billed	14	16	15	18	18	14	18	16	18	19	19	19	19
Government - Disconnected	7	8	8	7	7	7	7	1	1	1	1	1	1
Government - Meter Pulled	0	0	0	0	0	0	0	0	0	0	0	0	0
Government Avge Consumption - Gall/conn/mth	37,587	18,352	25,691	26,194	23,991	44,736	24,780	27,212	48,578	0	32,633	39,827	245,379
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	513,100	715,600	650,600	679,500	598,200	643,300	546,400	896,100	242,900	1,197,200	917,200	1,315,500	7,036,300
Residential - Billed	367	375	378	386	385	387	384	385	353	354	370	376	376
Residential - Disconnected	99	96	96	104	104	104	104	5	4	4	3	3	3
Residential - Meter Pulled	93	93	93	93	93	93	93	4	2	2	2	3	3
Residential Avge Consumption - Gall/conn/mth	10,450	10,396	9,780	9,943	7,756	11,277	7,412	6,576	11,616	11,109	9,637	11,513	86,421
Sewer Connection Data (No. of Connections)	476	505	490	505	508	483	518	501	480	462	491	489	489
Commercial Billed	45	43	40	42	47	39	44	42	40	42	47	46	46
Commercial Billed w/o water	54	54	54	54	54	54	54	54	43	41	43	43	43
Government Billed	13	15	14	17	16	13	17	15	17	18	19	18	18
Residential Billed	189	190	181	193	189	180	206	194	182	181	189	189	189
Residential Billed w/o water	175	203	201	199	202	197	197	196	198	180	193	193	193
STP Inflow (MG/month)	16.3	13.0	22.1	24.8	14.4	12.1	13.0	12.0	12.5	13.0	12.5	13.0	127
SEWER OVERFLOW W/O's													
North Zone	4	2	1	1	2	1	1	1	1	2	1	1	11
South Zone	1	1	1	1	1	1	1	2	1	1	1	1	10

Water Table 3 Zonal Water Use Statistics - FY2019

ZONAL NRW - June 2019					ZONAL NRW - FY2019 YTD				
Zone	Production	Sales	NRW		Zone	Production	Sales	NRW	
	Gallons	Gallons	Gallons	%		Gallons	Gallons	Gallons	%
1	48,000	31,608	16,392	34%	1	5,027,500	540,093	4,487,407	89%
2	13,287,100	6,125,142	7,161,958	54%	2	142,443,400	44,083,209	98,360,191	69%
3	133,400	17,000	116,400	87%	3	5,078,884	189,540	4,889,344	96%
4	686,900	292,830	394,070	57%	4	7,807,100	1,765,350	6,041,750	77%
5	0	0	0	0%	5	120,000	0	120,000	100%
6	2,571,000	2,107,380	463,620	18%	6	19,626,900	12,631,430	6,995,470	36%
7	100,000	63,660	36,340	36%	7	532,000	1,416,540	-884,540	-166%
8	691,000	560,555	130,445	19%	8	4,715,900	2,453,305	2,262,595	48%
Total	17,517,400	9,198,175	8,319,225	47.5%	Total	185,351,684	63,079,467	122,272,217	66.0%
ZONAL WATER CONSUMPTION - June 2019					ZONAL WATER CONSUMPTION - FY2019 YTD				
Zone	Avg Use - Gallons/Connection/Month				Zone	Avg Use -Gallons/Connection			
	Commercial	Government	Hospital	Residential		Commercial	Government	Hospital	Residential
1	0	0	-	3,950	1	#DIV/o!	0	-	65,213
2	35,885	41,081	-	9,441	2	231,811	281,721	-	75,323
3	17,000	0	-	0	3	39,000	0	-	#DIV/o!
4	0	0	-	22,525	4	0	0	-	135,796
5	0	0	-	0	5	0	0	-	0
6	11,335	0	1,315,500	479	6	80,637	0	7,036,300	134,508
7	0	0	-	9,094	7	0	0	-	202,363
8	0	36,315	-	37,728	8	0	287,659	-	99,034
Total	64,220	77,396	1,315,500	83,217	Total	218,873	245,379	7,036,300	86,421

Work Order Summary – End June 2019

Work Order Type	WO at Start of	New	Printed	Despatched	Completed	WO at End of Period
INTERNAL MAINTENAN	2	4	4	0	1	5
INTERNAL POWER	0	0	0	0	0	0
INTERNAL SEWER	0	0	0	0	0	0
INTERNAL WATER	0	0	0	0	0	0
POWER	12	5	5	0	4	13
REVENUE	31	13	14	0	11	33
SEWER	19	12	14	0	13	18
WATER	205	103	114	0	76	232
TOTAL ALL WORK ORD	269	137	151		105	301

Work Order Type	WO Outstanding at Start	New WO	Completed as % of Outstanding and New	WO Outstanding At End
INTERNAL MAINTENAN	0.7%	2.9%	-	1.7%
INTERNAL POWER	0.0%	0.0%	-	0.0%
INTERNAL SEWER	0.0%	0.0%	-	0.0%
INTERNAL WATER	0.0%	0.0%	-	0.0%
POWER	4.5%	3.6%	23.5%	4.3%
REVENUE	11.5%	9.5%	25.0%	11.0%
SEWER	7.1%	8.8%	41.9%	6.0%
WATER	76.2%	75.2%	24.7%	77.1%
TOTAL ALL WORK ORDERS			25.9%	

Administration Table 1 H&S Statistics – June 2019



HEALTH & SAFETY REPORT: FY2019 - June 2019

1. ACCIDENT REPORT

DEPARTMENT	Number of Staff	june 2019						YEAR TO DATE - FY2019					
		Hours Worked	FA	MT	LTC	LTD	FAT	Hours Worked	FA	MT	LTC	LTD	FAT
Power Generation	20	3,470	0	0	0	0	0	23,639	0	0	0	0	0
Maintenance	5	884	0	0	0	0	0	8,216	0	0	0	0	0
Power Distribution - Line	23	3,799	0	0	0	0	0	29,367	0	0	0	0	0
Power Distribution - Contractors	0	0	0	0	0	0	0	7,118	0	0	0	0	0
Water & Sewer	27	4,383	0	0	0	0	0	31,445	0	0	0	0	0
Water & Sewer Contractors	0	0	0	0	0	0	0	5,353	0	0	0	0	0
Fin, Admin, Cust Care	19	2,681	0	0	0	0	0	23,235	0	0	0	0	0
Tonoas Contractors	7	1,229	0	0	0	0	0	1,229	0	0	0	0	0
TOTAL	101	16,446	0	0	0	0	0	129,602	0	0	0	0	0

FA - Number of First Aid cases

Total Hours Without Incident - Whole Company

802,709

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	June 2019		
		Total Hours Sick	Accident Related	Poor Health
Power Generation	20	66	0	66
Maintenance	5	11	0	11
Power Distribution - Line	23	120	0	120
Power Distribution - Contractors	0	0	0	0
Water & Sewer	27	111	0	111
Water & Sewer Contractors	0	0	0	0
Fin, Admin, Cust Care	19	200	0	200
Tonoas Contractors	7	0	0	0
TOTAL	94	508	0	508

Year To Date FY2019		
Total Hours Sick	Accident Related	Poor Health
66	0	66
117	0	117
211	0	211
329	0	329
442	0	442
337	0	337
584	0	584
0	0	0
2,085	0	2,085

Sick Hours as Percentage of Total Hours Worked	3.1%	0.0%	3.1%
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1.6%	0.0%	1.6%
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DEPARTMENT	Number of Staff	June 2019		
		Sick Hours as Percentage of Total Hours Worked	Accident Related	Poor Health
Power Generation	20	1.9%	0.0%	1.9%
Maintenance	5	1.3%	0.0%	1.3%
Power Distribution - Line	23	3.2%	0.0%	3.2%
Power Distribution - Contractors	0	-	-	-
Water & Sewer	27	0.0%	0.0%	0.0%
Water & Sewer Contractors	0	-	-	-
Fin, Admin, Cust Care	19	7.5%	0.0%	7.5%
Tonoas Contractors	7	0.0%	0.0%	0.0%
TOTAL	94	3.1%	0.0%	3.1%

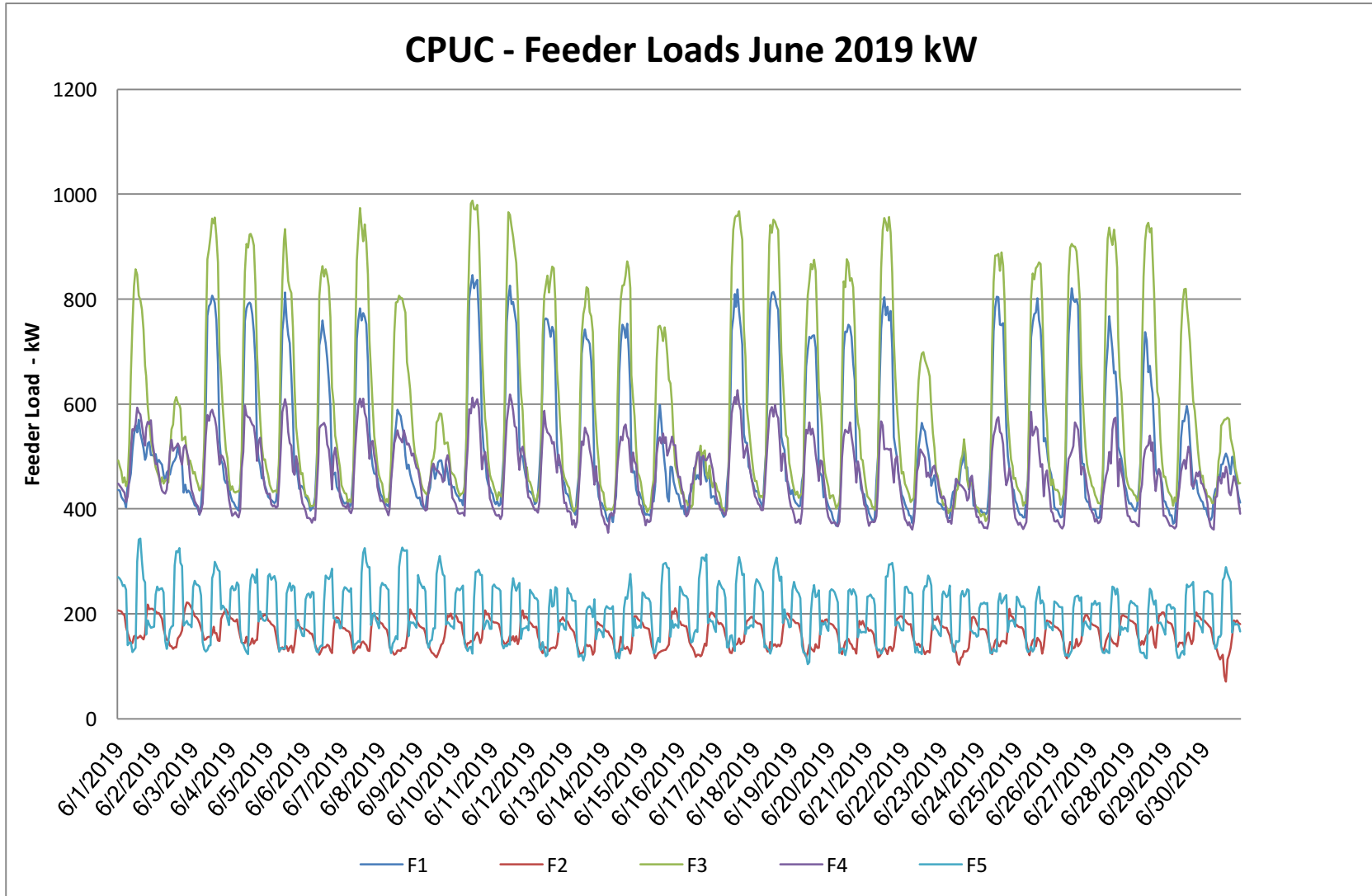
Administration Table 2 Attendance Summary - June 2019 & FY 2019

DEPARTMENT	June 2019								YEAR TO DATE - FY2019							
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	20	3,155	314	0	66	129	3,664	111	21,949	1,690	324	844	934	25,742	469	3.3%
Maintenance	5	841	42	0	11	17	912	0	7,750	466	269	187	346	9,018	19	2.1%
Power Distribution - Line	23	3,605	194	0	120	209	4,128	5	27,462	1,905	1,174	1,012	2,023	33,575	237	3.0%
Power Distribution - Contractors	0	0	0	0	0	0	0	0	7,113	5	0	16	8	7,142	0	0.2%
Water & Sewer	27	4,140	244	0	111	118	4,612	134	27,919	3,526	773	958	1,224	34,400	416	2.8%
Water & Sewer Contractors	0	0	0	0	0	0	0	0	5,353	0	165	64	0	5,582	0	1.1%
Fin, Admin, Cust Care	19	2,547	134	0	200	270	3,151	0	21,813	1,422	854	1,606	2,475	28,171	92	5.7%
Tonoas Contractors	7	1,179	50	0	0	0	1,229	23	1,179	50	0	0	0	1,229	23	0.0%
TOTAL EMPLOYEES	101	15,468	978	0	508	742	17,696	272	120,538	9,014	3,559	4,687	7,011	143,630	1,232	3.3%
REGULAR STAFF	94	14,289	928	0	508	742	16,467	249	106,893	9,009	3,394	4,607	7,003	130,906	1,232	
Hours as % of Total Hours Claimed		86.8%	5.6%	0.0%	3.1%	4.5%		1.5%	81.7%	6.9%	2.6%	3.5%	5.3%		0.9%	
CONTRACT STAFF	0	0	0	0	0	0	0	0	12,466	5	165	80	8	12,724	0	
Hours as % of Total Hours Claimed		-	-	-	-	-		-	98.0%	0.0%	1.3%	0.6%	0.1%		0.0%	

CAPEX Table 1 Capex Summary Sheet - June 2019

Capex Summary Sheet as of June 30, 2019								
	A	B	C	D (B-C)	E (A-B)	F	(A+A1-F)	G (F-C)
	Total Value	Commitment	Expended	Commitment Balance	Uncommitted	Cash Drawdown	OIA Balance	Cash Balance
FY 2018 Professional management - D18AF00029	266,298	266,298	266,298	0	0	266,298	0	0
FY 2016 Tonoas Water System - D16AF00017-00010	750,000	364,067	364,067	0	385,933	415,000	335,000	50,933
FY 2019 Professional management - D19AF0008	204,400	204,400	81,647	122,753	0	0	204,400	-81,647
Total	1,016,298	834,765	712,012	122,753	385,933	681,298	539,400	-30,714

Graph Showing Feeder Loads in kW - June 2019



Graph Showing Generation Output in kW - June 2019

