

UTILITIES - OVERVIEW

REPORT DATE: DECEMBER 31, 2020

BUDGET-TO-ACTUAL - Current Budget Fiscal Year (BFY)

	FY 2021	% of Allot	FY 2020	% of Allot	FY 2019	% of Allot
Budget Appropriations	42,183,102		56,244,136		56,244,136	
Less: Budget Restrictions	-		-		-	
Equals: Budget Allocations	42,183,102		56,244,136		56,244,136	
Less: Budget Unallotted	-		-		-	
Equals: Budget Allotments	42,183,102		56,244,136		56,244,136	
Less: Expenditures & Encumbrances						
Expenditures	29,087,394		56,216,730		55,884,188	
Encumbrances	2,125		23,301		545,158	
Subtotal	29,089,519	69%	56,240,031	100%	56,429,346	100%
Equals: Allotment Balance	13,093,583	31%	4,105	0%	(185,210)	0%

CURRENT FISCAL YEAR EXPENDITURES - Current and Prior Budget Fiscal Year (BFY)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
<u>Encumbrances - Prior BFY funds</u>						
Balance carried forward from prior fiscal year	23,301		545,158		7,903,839	
Less: Expended in current fiscal year	23,301		545,158		7,735,554	
Less: Unused encumbrances (PO Savings) - <i>lapsed</i>	-		-		168,285	
Equals: Encumbrances - Prior BFY funds - Balance	-		-		-	
<u>Expenditures</u>						
Prior BFY funds	23,301		545,158		7,735,554	
Add: Current BFY funds	29,087,394		56,216,730		55,884,188	
Equals: Expenditures - Total	29,110,695	-49%	56,761,888	-11%	63,619,742	14%

CURRENT FISCAL YEAR EXPENDITURES - By Program ID

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
37720: UTILITIES	27,563,705	-48%	52,801,690	-7%	56,898,390	
37722: UTILITIES EFFICIENCY	111,984	-84%	720,041	-17%	862,417	
37723: UTILITIES MANAGEMENT	41,832	-76%	171,313	-91%	1,809,924	
37724: UTILITIES SUSTAINABILITY	186,838	-76%	772,493	-54%	1,691,866	
37725: UTILITIES OPERATIONS & MAINTENANCE	-	0%	-	-100%	62,965	
37726: UTILITIES FINANCING REPAYMENTS	1,206,336		2,296,351		2,294,180	
Total Expenditures	29,110,695	-49%	56,761,888	-11%	63,619,742	14%

EXPENDITURE DETAIL - Program ID 37720: UTILITIES

REPORT DATE: DECEMBER 31, 2020

CURRENT FISCAL YEAR EXPENDITURES - By Object Code & Vendor

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
5001: ELECTRICITY						
020425: HAWAIIAN ELECTRIC COMPANY	10,237,420		21,220,258		23,916,549	
019800: HELCO	2,357,010		5,326,637		6,235,344	
028865: MAUI ELECTRIC COMPANY LTD	2,135,895		5,186,075		5,415,113	
011135: KAUAI ISLAND UTILITY COOPERATIVE	551,861		1,172,121		1,220,607	
009476: CASTLE & COOKE COMMERCIAL INC	74,544		330,692		259,855	
Charges - Schools on Military Bases	176,314		702,620		377,174	
Charges - Various Misc Vendors	1,685		8,789		251,177	
Energy Rebates	(71,034)		(374,114)		(164,714)	
Use of Facilities/Collections for Utilities	(11,661)		(494,158)		(578,259)	
SUBTOTAL	15,452,034	-53%	33,078,920	-10%	36,932,846	6%
5002: ALTERNATIVE ENERGY COST						
143055: RC ENERGY HDOE LLC	1,345,959		2,533,245		2,588,071	
147438: KEC OHANA SOLAR FUND 2014 LLC	559,918		1,040,742		1,103,696	
144729: RC ENERGY HDOE PHASE 3 LLC	398,312		731,634		731,971	
147526: RC ENERGY HDOE LLC	360,000		676,285		680,836	
145890: DOE HAWAII SOLAR 2013 LLC	261,674		478,495		458,508	
SUBTOTAL	2,925,863	-46%	5,460,400	-2%	5,563,082	4%
5101: GAS						
018020: HAWAIIIGAS	309,243		268,658		339,244	
033485: AMERIGAS PROPANE LP (OAHU)	70,757		65,992		98,886	
028888: AMERIGAS (MAUI)	11,072		20,956		31,284	
Charges - Various Misc Vendors	(419)		38,597		142,391	
SUBTOTAL	390,653	-1%	394,203	-36%	611,805	12%
5102: CAFETERIA GAS						
018020: HAWAIIIGAS	238,331		-		-	
033485: AMERIGAS PROPANE LP (OAHU)	28,184		-		-	
028888: AMERIGAS (MAUI)	1,728		-		-	
SUBTOTAL	268,243	100%	-	0%	-	0%
5201: WATER						
007660: BOARD OF WATER SUPPLY	2,434,001		3,908,022		3,873,605	
014695: COUNTY OF MAUI - DEPARTMENT OF WATER	884,250		1,406,481		1,119,580	
014700: DEPT OF WATER SUPPLY - COUNTY OF HAWAII	301,858		591,538		716,900	
014690: DEPARTMENT OF WATER - COUNTY OF KAUAI	178,601		327,984		333,997	
Charges - Schools on Military Bases	54,275		144,430		115,699	
Charges - Various Misc Vendors	105,476		213,570		166,456	
SUBTOTAL	3,958,461	-40%	6,592,025	4%	6,326,237	0%
5301: SEWER						
007660: BOARD OF WATER SUPPLY	3,297,226		5,180,928		5,688,223	
014695: COUNTY OF MAUI - DEPARTMENT OF WATER	789,790		1,284,068		984,725	
013286: COUNTY OF HAWAII - DIRECTOR OF FINANCE	83,618		177,036		191,997	
013315: COUNTY OF MAUI - SOLID WASTE	2,646		7,957		1,140	
013295: COUNTY OF KAUAI - DEPARTMENT OF FINANCE	57,981		117,373		94,202	
142969: HAWAII AMERICAN WATER COMPANY	44,272		61,959		84,550	
143380: HAWAII WATER SERVICE COMPANY	65,897		94,381		105,107	
021713: HAWAII HOUSING FINANCE & DEVELOPMENT CO	-		-		-	
146401: PUHI SEWER & WATER COMPANY	21,658		42,276		37,471	
Charges - Schools on Military Bases	102,658		172,147		217,630	
Charges - Various Misc Vendors	90,211		134,951		58,453	
SUBTOTAL	4,555,957	-37%	7,273,076	-3%	7,463,498	1%
Other Miscellaneous Object Codes	280,737		3,066		754	
Payroll Expenditures	-		-		168	
Total Expenditures	27,563,705	-48%	52,801,690	-7%	56,898,390	4%

COST & USAGE - 5001: ELECTRICITY

REPORT DATE: DECEMBER 31, 2020

COST (\$)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 1,939,990	-26%	\$ 2,609,448	5%	\$ 2,484,131	9%
Fiscal Month 02 - AUGUST	\$ 2,192,103	-28%	\$ 3,034,865	2%	\$ 2,972,496	10%
Fiscal Month 03 - SEPTEMBER	\$ 2,677,003	-27%	\$ 3,670,420	2%	\$ 3,602,474	9%
Fiscal Month 04 - OCTOBER	\$ 2,645,326	-26%	\$ 3,554,208	-6%	\$ 3,776,092	17%
Fiscal Month 05 - NOVEMBER	\$ 2,702,720	-20%	\$ 3,374,387	-7%	\$ 3,630,123	14%
Fiscal Month 06 - DECEMBER	\$ 2,510,228	-23%	\$ 3,276,782	-7%	\$ 3,514,408	18%
Fiscal Month 07 - JANUARY		-100%	\$ 2,868,674	-2%	\$ 2,933,496	13%
Fiscal Month 08 - FEBRUARY		-100%	\$ 2,973,915	6%	\$ 2,797,569	-4%
Fiscal Month 09 - MARCH		-100%	\$ 2,940,149	12%	\$ 2,624,666	-12%
Fiscal Month 10 - APRIL		-100%	\$ 2,140,043	-21%	\$ 2,719,262	-8%
Fiscal Month 11 - MAY		-100%	\$ 1,887,649	-41%	\$ 3,173,513	3%
Fiscal Month 12 - JUNE		-100%	\$ 1,816,892	-41%	\$ 3,085,525	6%
Total	\$ 14,667,370	-57%	\$ 34,147,432	-8%	\$ 37,313,755	6%

NOTES:
Source data for Utilities - 5001: Electricity - Cost & Usage report are actual billed amounts. Cost (\$) totals will differ from 5001: Electricity on above pages because of timing of payment of invoices.

USAGE (KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	6,004,475	-18%	7,331,069	6%	6,938,612	-10%
Fiscal Month 02 - AUGUST	7,305,576	-19%	9,039,244	2%	8,841,620	-4%
Fiscal Month 03 - SEPTEMBER	9,377,628	-20%	11,710,825	5%	11,173,836	-9%
Fiscal Month 04 - OCTOBER	9,072,672	-21%	11,542,764	0%	11,491,265	-1%
Fiscal Month 05 - NOVEMBER	9,167,769	-16%	10,958,538	1%	10,832,116	-4%
Fiscal Month 06 - DECEMBER	8,619,077	-19%	10,687,466	4%	10,227,659	1%
Fiscal Month 07 - JANUARY		-100%	8,942,582	7%	8,323,181	-2%
Fiscal Month 08 - FEBRUARY		-100%	8,966,816	6%	8,436,574	-12%
Fiscal Month 09 - MARCH		-100%	8,579,795	6%	8,095,504	-15%
Fiscal Month 10 - APRIL		-100%	5,565,415	-32%	8,187,495	-11%
Fiscal Month 11 - MAY		-100%	4,936,839	-49%	9,633,172	-4%
Fiscal Month 12 - JUNE		-100%	5,310,618	-41%	9,019,830	-1%
Total	49,547,197	-52%	103,571,971	-7%	111,200,864	-6%

COST PER USAGE (\$/KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 0.3231	-9%	\$ 0.3559	-1%	\$ 0.3580	21%
Fiscal Month 02 - AUGUST	\$ 0.3001	-11%	\$ 0.3357	0%	\$ 0.3362	15%
Fiscal Month 03 - SEPTEMBER	\$ 0.2855	-9%	\$ 0.3134	-3%	\$ 0.3224	19%
Fiscal Month 04 - OCTOBER	\$ 0.2916	-5%	\$ 0.3079	-6%	\$ 0.3286	18%
Fiscal Month 05 - NOVEMBER	\$ 0.2948	-4%	\$ 0.3079	-8%	\$ 0.3351	18%
Fiscal Month 06 - DECEMBER	\$ 0.2912	-5%	\$ 0.3066	-11%	\$ 0.3436	18%
Fiscal Month 07 - JANUARY	\$ -	-100%	\$ 0.3208	-9%	\$ 0.3524	15%
Fiscal Month 08 - FEBRUARY	\$ -	-100%	\$ 0.3317	0%	\$ 0.3316	9%
Fiscal Month 09 - MARCH	\$ -	-100%	\$ 0.3427	6%	\$ 0.3242	3%
Fiscal Month 10 - APRIL	\$ -	-100%	\$ 0.3845	16%	\$ 0.3321	4%
Fiscal Month 11 - MAY	\$ -	-100%	\$ 0.3824	16%	\$ 0.3294	7%
Fiscal Month 12 - JUNE	\$ -	-100%	\$ 0.3421	0%	\$ 0.3421	7%
Total	\$ 0.2960	-10%	\$ 0.3297	-2%	\$ 0.3356	13%

COST & USAGE - 5002: ALTERNATIVE ENERGY

REPORT DATE: DECEMBER 31, 2020

COST (\$)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 520,129	-6%	\$ 553,417	13%	\$ 490,361	7%
Fiscal Month 02 - AUGUST	\$ 541,400	1%	\$ 535,160	22%	\$ 437,555	-12%
Fiscal Month 03 - SEPTEMBER	\$ 513,927	9%	\$ 473,154	14%	\$ 415,095	-8%
Fiscal Month 04 - OCTOBER	\$ 411,259	-9%	\$ 451,693	13%	\$ 399,276	5%
Fiscal Month 05 - NOVEMBER	\$ 513,927	39%	\$ 368,833	5%	\$ 350,562	3%
Fiscal Month 06 - DECEMBER	\$ 363,010	7%	\$ 339,339	-4%	\$ 353,475	10%
Fiscal Month 07 - JANUARY		-100%	\$ 351,433	-13%	\$ 403,520	6%
Fiscal Month 08 - FEBRUARY		-100%	\$ 400,886	-1%	\$ 406,248	31%
Fiscal Month 09 - MARCH		-100%	\$ 416,771	-17%	\$ 500,967	28%
Fiscal Month 10 - APRIL		-100%	\$ 507,320	-4%	\$ 526,946	29%
Fiscal Month 11 - MAY		-100%	\$ 552,389	6%	\$ 519,764	15%
Fiscal Month 12 - JUNE		-100%	\$ 498,653	-1%	\$ 501,469	27%
Total	\$ 2,863,651	-47%	\$ 5,449,048	3%	\$ 5,305,238	11%

NOTES:
Source data for Utilities - 5002: Alternative Energy - Cost & Usage report are actual billed amounts. Cost (\$) totals will differ from 5002: Alternative Energy on above pages because of timing of payment of invoices.

USAGE (KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	2,248,916	-6%	2,402,117	6%	2,265,340	6%
Fiscal Month 02 - AUGUST	2,342,478	0%	2,341,909	16%	2,024,769	-13%
Fiscal Month 03 - SEPTEMBER	2,220,074	7%	2,069,811	8%	1,919,504	-8%
Fiscal Month 04 - OCTOBER	1,811,377	-8%	1,976,468	10%	1,796,094	1%
Fiscal Month 05 - NOVEMBER	2,220,074	37%	1,616,719	3%	1,571,047	0%
Fiscal Month 06 - DECEMBER	1,569,472	5%	1,488,088	-7%	1,594,608	6%
Fiscal Month 07 - JANUARY		-100%	1,518,647	-11%	1,698,177	-3%
Fiscal Month 08 - FEBRUARY		-100%	1,749,104	1%	1,733,533	21%
Fiscal Month 09 - MARCH		-100%	1,794,602	-16%	2,140,334	19%
Fiscal Month 10 - APRIL		-100%	2,183,031	-5%	2,290,077	22%
Fiscal Month 11 - MAY		-100%	2,380,885	5%	2,257,472	8%
Fiscal Month 12 - JUNE		-100%	2,147,822	-1%	2,180,309	22%
Total	12,412,391	-48%	23,669,203	1%	23,471,264	6%

COST PER USAGE (\$/KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 0.2313	0%	\$ 0.2304	6%	\$ 0.2165	1%
Fiscal Month 02 - AUGUST	\$ 0.2311	1%	\$ 0.2285	6%	\$ 0.2161	1%
Fiscal Month 03 - SEPTEMBER	\$ 0.2315	1%	\$ 0.2286	6%	\$ 0.2163	1%
Fiscal Month 04 - OCTOBER	\$ 0.2270	-1%	\$ 0.2285	3%	\$ 0.2223	4%
Fiscal Month 05 - NOVEMBER	\$ 0.2315	1%	\$ 0.2281	2%	\$ 0.2231	4%
Fiscal Month 06 - DECEMBER	\$ 0.2313	1%	\$ 0.2280	3%	\$ 0.2217	3%
Fiscal Month 07 - JANUARY	\$ -	-100%	\$ 0.2314	-3%	\$ 0.2376	9%
Fiscal Month 08 - FEBRUARY	\$ -	-100%	\$ 0.2292	-2%	\$ 0.2343	8%
Fiscal Month 09 - MARCH	\$ -	-100%	\$ 0.2322	-1%	\$ 0.2341	7%
Fiscal Month 10 - APRIL	\$ -	-100%	\$ 0.2324	1%	\$ 0.2301	6%
Fiscal Month 11 - MAY	\$ -	-100%	\$ 0.2320	1%	\$ 0.2302	7%
Fiscal Month 12 - JUNE	\$ -	-100%	\$ 0.2322	1%	\$ 0.2300	4%
Total	\$ 0.2307	0%	\$ 0.2302	2%	\$ 0.2260	5%

COST & USAGE - TOTAL (5001: ELECTRICITY & 5002: ALTERNATIVE ENERGY)

REPORT DATE: DECEMBER 31, 2020

COST (\$)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 2,460,119	-22%	\$ 3,162,865	6%	\$ 2,974,492	8%
Fiscal Month 02 - AUGUST	\$ 2,733,503	-23%	\$ 3,570,025	5%	\$ 3,410,051	7%
Fiscal Month 03 - SEPTEMBER	\$ 3,190,930	-23%	\$ 4,143,574	3%	\$ 4,017,569	7%
Fiscal Month 04 - OCTOBER	\$ 3,056,585	-24%	\$ 4,005,901	-4%	\$ 4,175,368	16%
Fiscal Month 05 - NOVEMBER	\$ 3,216,647	-14%	\$ 3,743,220	-6%	\$ 3,980,685	13%
Fiscal Month 06 - DECEMBER	\$ 2,873,238	-21%	\$ 3,616,121	-7%	\$ 3,867,883	17%
Fiscal Month 07 - JANUARY	\$ -	-100%	\$ 3,220,107	-4%	\$ 3,337,016	12%
Fiscal Month 08 - FEBRUARY	\$ -	-100%	\$ 3,374,801	5%	\$ 3,203,817	-1%
Fiscal Month 09 - MARCH	\$ -	-100%	\$ 3,356,920	7%	\$ 3,125,633	-8%
Fiscal Month 10 - APRIL	\$ -	-100%	\$ 2,647,363	-18%	\$ 3,246,208	-3%
Fiscal Month 11 - MAY	\$ -	-100%	\$ 2,440,038	-34%	\$ 3,693,277	5%
Fiscal Month 12 - JUNE	\$ -	-100%	\$ 2,315,545	-35%	\$ 3,586,994	8%
Total	\$ 17,531,022	-56%	\$ 39,596,480	-7%	\$ 42,618,993	7%

NOTES:
Source data for Utilities - 5001: Electricity and 5002: Alternative Energy - Cost & Usage report are actual billed amounts. Cost (\$) totals will differ from Expenditure Detail total on above pages because of timing of payment of invoices.

USAGE (KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	8,253,391	-15%	9,733,186	6%	9,203,952	-7%
Fiscal Month 02 - AUGUST	9,648,054	-15%	11,381,153	5%	10,866,389	-6%
Fiscal Month 03 - SEPTEMBER	11,597,702	-16%	13,780,636	5%	13,093,340	-8%
Fiscal Month 04 - OCTOBER	10,884,049	-19%	13,519,232	2%	13,287,359	-1%
Fiscal Month 05 - NOVEMBER	11,387,843	-9%	12,575,257	1%	12,403,163	-3%
Fiscal Month 06 - DECEMBER	10,188,549	-16%	12,175,554	3%	11,822,267	1%
Fiscal Month 07 - JANUARY	0	-100%	10,461,229	4%	10,021,358	-2%
Fiscal Month 08 - FEBRUARY	0	-100%	10,715,920	5%	10,170,107	-8%
Fiscal Month 09 - MARCH	0	-100%	10,374,397	1%	10,235,838	-9%
Fiscal Month 10 - APRIL	0	-100%	7,748,446	-26%	10,477,572	-6%
Fiscal Month 11 - MAY	0	-100%	7,317,724	-38%	11,890,644	-2%
Fiscal Month 12 - JUNE	0	-100%	7,458,440	-33%	11,200,139	3%
Total	61,959,588	-51%	127,241,174	-6%	134,672,128	-4%

COST PER USAGE (\$/KWH)

	FY 2021	Y-T-Y Var (%)	FY 2020	Y-T-Y Var (%)	FY 2019	Y-T-Y Var (%)
Fiscal Month 01 - JULY	\$ 0.2981	-8%	\$ 0.3250	1%	\$ 0.3232	16%
Fiscal Month 02 - AUGUST	\$ 0.2833	-10%	\$ 0.3137	0%	\$ 0.3138	13%
Fiscal Month 03 - SEPTEMBER	\$ 0.2751	-9%	\$ 0.3007	-2%	\$ 0.3068	17%
Fiscal Month 04 - OCTOBER	\$ 0.2808	-5%	\$ 0.2963	-6%	\$ 0.3142	17%
Fiscal Month 05 - NOVEMBER	\$ 0.2825	-5%	\$ 0.2977	-7%	\$ 0.3209	17%
Fiscal Month 06 - DECEMBER	\$ 0.2820	-5%	\$ 0.2970	-9%	\$ 0.3272	16%
Fiscal Month 07 - JANUARY	\$ -	-100%	\$ 0.3078	-8%	\$ 0.3330	15%
Fiscal Month 08 - FEBRUARY	\$ -	-100%	\$ 0.3149	0%	\$ 0.3150	8%
Fiscal Month 09 - MARCH	\$ -	-100%	\$ 0.3236	6%	\$ 0.3054	2%
Fiscal Month 10 - APRIL	\$ -	-100%	\$ 0.3417	10%	\$ 0.3098	3%
Fiscal Month 11 - MAY	\$ -	-100%	\$ 0.3334	7%	\$ 0.3106	7%
Fiscal Month 12 - JUNE	\$ -	-100%	\$ 0.3105	-3%	\$ 0.3203	6%
Total	\$ 0.2829	-9%	\$ 0.3112	-2%	\$ 0.3165	11%