

**Avoided Energy Costs**  
*Hawaiian Electric Company*  
*Hawaii Electric Light Company*  
*Maui Electric Company*

**Avoided Energy Cost (> 100 kW)**  
**Schedule "Q" Rates (< or = 100 kW)**  
**¢/kWh**

	<b><u>Hawaiian Electric</u></b>			<b><u>Hawai'i Electric Light</u></b>			<b><u>Maui Electric Company</u></b>								
	<b><u>Company</u></b>			<b><u>Company</u></b>			<b><u>Maui Division</u></b>			<b><u>Lanai</u></b>			<b><u>Molokai</u></b>		
	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q
8/1/2023	17.822	17.824	17.44	18.649	18.873	18.33	19.680	18.219	18.70	30.977	26.088	28.35	24.334	22.389	22.99
7/1/2023	17.822	17.928	17.48	18.875	19.101	18.56	19.719	18.248	18.74	30.420	25.628	27.84	23.600	21.754	22.29
6/1/2023	19.281	19.484	18.98	19.100	19.330	18.78	20.580	19.090	19.59	33.599	28.251	30.78	26.956	24.660	25.45
5/1/2023	20.202	20.354	19.87	19.962	20.265	19.67	21.501	19.913	20.46	31.977	26.913	29.28	27.708	25.313	26.15
4/1/2023	20.919	21.198	20.63	19.408	19.621	19.08	22.591	20.925	21.52	35.653	29.945	32.67	28.244	25.777	26.66
3/1/2023	22.379	22.675	22.09	20.577	20.909	20.29	24.292	22.398	23.12	37.200	31.221	34.10	32.388	29.366	30.55
2/1/2023	22.558	22.675	22.19	20.351	20.721	20.08	22.843	21.074	21.73	38.726	32.480	35.52	29.821	27.143	28.14
1/1/2023	23.710	24.230	23.50	19.839	20.181	19.56	23.895	22.007	22.72	38.443	32.246	35.25	31.994	29.025	30.18
12/1/2022	24.114	25.761	24.34	21.892	21.655	21.39	23.629	21.841	22.51	40.677	34.055	37.30	32.239	29.149	30.37
11/1/2022	24.344	25.326	24.30	21.000	20.738	20.50	22.173	20.522	21.12	40.291	33.737	36.95	30.992	28.069	29.20
10/1/2022	25.331	27.370	25.72	21.993	21.833	21.52	24.369	22.649	23.27	40.089	33.571	36.76	35.149	31.669	33.10
9/1/2022	26.303	27.674	26.41	22.870	22.883	22.46	24.987	23.248	23.88	39.876	33.395	36.57	31.425	28.444	29.61
8/1/2022	14.140	26.520	18.94	25.701	25.649	25.25	28.998	26.984	27.76	45.734	38.227	41.97	39.435	35.383	37.13
7/1/2022	15.397	25.936	19.43	28.563	29.464	28.49	25.971	24.243	24.87	46.080	38.512	42.29	38.365	34.456	36.13
6/1/2022	13.828	23.764	17.62	30.259	32.053	30.54	26.268	24.498	25.15	44.468	37.183	40.81	33.055	29.855	31.14
5/1/2022	13.532	22.479	16.92	24.436	25.456	24.44	23.705	22.122	22.68	40.278	33.727	36.93	29.487	26.764	27.79
4/1/2022	12.497	19.525	15.10	25.385	26.787	25.54	20.511	19.102	19.56	35.481	29.770	32.50	24.484	22.431	23.08
3/1/2022	10.953	17.142	13.22	20.512	21.714	20.61	17.632	16.444	16.79	33.421	28.071	30.61	23.643	21.703	22.30
2/1/2022	10.485	16.201	12.57	19.002	20.176	19.10	16.067	14.969	15.27	30.143	25.366	27.57	22.980	22.128	21.67
1/1/2022	9.105	15.433	11.45	18.370	19.127	18.30	16.753	15.622	15.94	30.146	25.369	27.57	21.415	19.773	20.20
12/1/2021	10.443	14.704	11.90	17.691	17.004	16.97	17.906	17.067	17.21	31.334	26.343	28.67	20.047	18.572	18.91
11/1/2021	10.200	14.091	11.50	16.630	15.815	15.86	15.782	15.077	15.14	31.370	26.373	28.7	19.996	18.529	18.87
10/1/2021	9.503	13.146	10.71	15.919	15.317	15.25	15.099	14.396	14.47	26.101	22.027	23.84	20.192	18.698	19.05
9/1/2021	9.157	12.716	10.34	16.050	15.510	15.40	15.413	14.679	14.77	27.211	22.942	24.87	19.360	17.978	18.27
8/1/2021	9.240	12.724	10.39	15.579	14.942	14.89	14.941	14.214	14.29	27.091	22.844	24.76	21.353	19.704	20.14
7/1/2021	9.054	12.405	10.15	14.201	13.915	13.67	14.278	13.590	13.65	26.578	22.420	24.28	18.508	17.239	17.47
6/1/2021	8.612	12.111	9.77	13.949	13.672	13.43	13.583	12.952	12.99	25.712	21.707	23.48	17.384	16.266	16.41
5/1/2021	8.241	12.207	9.60	14.146	13.651	13.53	13.163	12.549	12.57	26.222	22.126	23.95	18.108	16.893	17.09
4/1/2021	7.895	12.915	9.69	13.162	12.717	12.57	12.279	11.717	11.72	25.559	21.579	23.34	17.594	16.448	16.60
3/1/2021	7.902	10.379	8.64	12.395	11.732	11.72	11.687	11.128	11.12	23.519	19.897	21.45	15.094	14.282	14.26
2/1/2021	7.447	9.624	8.07	11.848	11.234	11.20	10.828	10.287	10.28	22.136	18.757	20.18	15.986	15.055	15.10
1/1/2021	6.827	8.567	7.27	11.093	10.543	10.47	9.842	9.383	9.33	21.032	17.846	19.16	14.060	13.386	13.28
12/1/2020	7.735	8.084	7.57	11.019	10.531	10.48	9.365	8.805	8.82	19.402	16.496	17.65	13.172	12.602	12.45
11/1/2020	7.828	8.199	7.68	11.104	10.813	10.64	9.201	8.645	8.65	18.824	16.018	17.11	13.883	13.219	13.11
10/1/2020	7.995	8.463	7.89	11.490	11.121	10.99	9.785	9.140	9.20	19.148	16.286	17.41	11.142	10.845	10.54
9/1/2020	7.859	8.142	7.68	11.576	11.309	11.12	9.738	9.091	9.15	19.012	16.174	17.29	14.526	13.775	13.72
8/1/2020	6.848	6.595	6.45	10.918	11.094	10.65	9.364	8.761	8.80	18.770	15.974	17.06	12.233	11.789	11.56
7/1/2020	6.775	6.629	6.42	10.190	10.249	9.88	8.909	8.353	8.36	17.480	14.910	15.87	10.468	10.261	9.91
6/1/2020	7.203	7.569	7.06	9.760	8.879	9.06	9.062	8.504	8.51	16.286	13.295	14.77	12.667	12.165	11.98
5/1/2020	8.006	8.738	8.00	11.033	9.779	10.18	11.222	10.424	10.56	20.073	17.049	18.27	17.774	16.590	16.77
4/1/2020	9.059	9.941	9.11	14.022	12.678	13.11	12.870	12.077	12.21	21.096	17.892	19.21	18.563	17.273	17.52
3/1/2020	10.654	11.707	10.77	15.265	14.289	14.49	14.110	13.147	13.37	24.923	21.049	22.75	20.844	19.248	19.65
2/1/2020	10.925	12.005	11.04	14.837	14.127	14.17	14.322	13.286	13.56	25.930	21.880	23.68	20.086	18.592	18.94
1/1/2020	10.789	11.752	10.86	14.694	14.047	14.06	13.848	12.851	13.10	25.412	21.453	23.20	18.502	17.220	17.45
12/1/2019	11.220	12.018	11.23	15.401	14.064	14.48	14.275	13.516	13.59	26.589	22.413	24.28	18.322	17.036	17.28

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	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q	On Peak	Off Peak	Sched Q
11/1/2019	11.442	12.277	11.46	15.543	14.200	14.63	14.568	13.842	13.90	26.037	21.959	23.77	20.703	19.100	19.51
10/1/2019	12.029	13.155	12.16	14.417	12.931	13.45	14.226	13.516	13.56	24.906	21.025	22.73	19.144	17.749	18.04
9/1/2019	11.768	12.695	11.82	14.687	13.097	13.67	14.514	13.831	13.86	24.135	20.390	22.02	19.417	17.984	18.30
8/1/2019	12.825	14.179	13.05	14.941	13.474	13.98	14.488	13.849	13.85	25.227	21.290	23.02	19.950	18.446	18.80
7/1/2019	12.421	13.472	12.52	15.401	13.837	14.39	14.865	14.249	14.23	26.358	22.223	24.07	20.176	18.642	19.01
6/1/2019	12.890	14.149	13.07	16.368	14.924	15.40	16.182	15.467	15.51	27.278	22.983	24.92	21.945	20.174	20.68
5/1/2019	12.956	14.250	13.16	16.368	15.030	15.44	15.072	14.509	14.46	25.616	21.610	23.38	21.874	20.114	20.61
4/1/2019	12.825	14.106	13.02	15.876	14.501	14.95	14.270	13.734	13.68	24.962	21.072	22.78	20.401	18.836	19.22
3/1/2019	12.094	13.214	12.23	14.640	13.279	13.72	14.290	13.651	13.66	25.814	21.775	23.56	20.550	18.967	19.37
2/1/2019	10.463	11.096	10.41	14.417	12.961	13.46	14.049	13.346	13.39	23.496	19.862	21.43	18.401	17.104	17.35
1/1/2019	12.107	13.054	12.17	15.749	14.410	14.83	14.346	13.827	13.76	25.590	21.589	23.36	21.818	20.064	20.56
12/1/2018	16.347	15.651	15.58	17.200	16.824	16.63	18.180	17.275	17.27	27.624	23.293	25.03	24.106	22.042	22.55
11/1/2018	15.605	15.275	15.00	16.785	16.409	16.22	18.367	17.417	17.44	27.067	22.835	24.51	22.032	20.244	20.60
10/1/2018	14.780	14.416	14.17	16.233	15.872	15.67	16.741	15.869	15.86	26.409	22.292	23.91	21.789	20.034	20.37
9/1/2018	14.916	14.526	14.28	15.691	15.400	15.16	16.156	15.326	15.30	25.991	21.947	23.52	22.354	20.524	20.90
8/1/2018	14.862	14.485	14.23	15.427	15.132	14.90	15.951	15.129	15.10	25.764	21.760	23.31	20.926	19.287	19.57
7/1/2018	15.061	14.645	14.41	15.108	15.152	14.75	17.958	17.003	17.04	27.275	23.006	24.70	24.102	22.038	22.55
6/1/2018	14.026	13.772	13.46	14.785	15.028	14.52	17.394	16.437	16.48	26.832	22.641	24.30	22.150	20.348	20.71
5/1/2018	12.861	12.557	12.30	13.503	13.695	13.23	15.257	14.407	14.41	24.536	20.748	22.17	20.737	19.123	19.39
4/1/2018	12.840	12.536	12.29	12.888	13.136	12.64	12.859	13.100	13.06	23.617	19.989	21.33	19.973	18.461	18.66
3/1/2018	13.218	12.809	12.61	14.066	14.170	13.74	15.690	14.835	14.83	24.763	20.935	22.38	20.917	19.279	19.55
2/1/2018	12.997	12.707	12.44	13.179	13.425	12.92	13.948	13.187	13.14	24.290	20.545	21.95	19.700	18.225	18.40
1/1/2018	12.206	11.841	11.63	12.856	13.136	12.62	14.828	14.034	14.00	24.132	20.414	21.81	19.541	18.087	18.26
12/1/2017	11.288	11.563	10.93	11.966	12.136	11.71	13.644	12.820	12.83	23.275	19.697	21.01	20.161	18.598	18.83
11/1/2017	10.939	11.261	10.61	12.213	12.200	11.88	15.047	14.154	14.19	24.787	20.944	22.41	20.784	19.138	19.41
10/1/2017	10.257	10.522	9.90	11.036	11.131	10.76	12.636	11.863	11.85	21.474	18.212	19.34	16.878	15.754	15.75
9/1/2017	10.082	10.371	9.74	10.619	10.611	10.30	10.982	10.283	10.24	21.054	17.865	18.96	15.407	14.480	14.36
8/1/2017	9.855	10.122	9.51	9.869	10.062	9.63	10.846	10.160	10.11	19.672	16.725	17.69	16.345	15.292	15.25
7/1/2017	10.380	10.700	10.05	10.287	10.555	10.09	12.374	11.613	11.59	20.942	17.773	18.86	17.430	16.232	16.27
6/1/2017	10.073	10.318	9.72	11.339	11.345	11.02	12.907	12.117	12.11	21.274	18.047	19.16	17.393	16.201	16.24
5/1/2017	10.327	10.575	9.96	10.439	10.852	10.29	11.205	10.496	10.46	20.361	17.294	18.32	17.091	15.939	15.95
4/1/2017	10.957	11.252	10.61	11.302	11.513	11.06	12.478	11.714	11.69	21.489	18.224	19.36	17.299	16.119	16.14
3/1/2017	10.502	10.646	10.09	11.378	11.578	11.14	12.219	11.470	11.44	21.297	18.066	19.18	17.642	16.417	16.47
2/1/2017	10.388	10.451	9.95	10.733	10.852	10.46	12.454	11.691	11.67	20.994	17.816	18.91	16.963	15.828	15.83
1/1/2017	9.541	9.614	9.12	10.505	10.332	10.11	12.499	11.737	11.72	20.219	17.177	18.19	16.647	15.554	15.53
12/1/2016	9.616	9.438	9.09	9.858	11.185	10.12	13.172	11.720	12.10	21.194	17.996	19.09	16.407	15.386	15.32
11/1/2016	9.021	8.866	8.51	9.210	10.426	9.44	12.302	10.881	11.25	19.655	16.726	17.68	15.740	14.809	14.70
10/1/2016	8.778	8.617	8.27	8.897	10.096	9.12	11.822	10.443	10.79	19.615	16.693	17.63	14.922	14.100	13.92
9/1/2016	9.409	9.236	8.88	9.289	10.523	9.52	12.619	11.166	11.55	19.673	16.741	17.69	16.145	15.159	15.07
8/1/2016	9.701	9.521	9.17	9.436	10.693	9.68	12.880	11.422	11.81	20.152	17.136	18.14	16.042	15.070	14.98
7/1/2016	8.802	8.629	8.28	9.535	10.865	9.81	11.653	10.239	10.61	20.379	17.323	18.34	13.579	12.937	12.66
6/1/2016	7.892	7.735	7.39	8.250	9.455	8.47	10.456	9.124	9.46	19.484	16.585	17.52	12.929	12.374	12.05
5/1/2016	6.786	6.641	6.30	8.524	9.808	8.78	10.004	8.680	9.01	18.091	15.437	16.23	13.072	12.498	12.19
4/1/2016	6.095	5.963	5.62	8.182	9.423	8.42	9.554	8.228	8.56	16.094	13.789	14.39	13.069	12.495	12.19
3/1/2016	6.702	6.533	6.21	8.534	9.808	8.79	10.051	8.760	9.07	15.571	13.358	13.91	13.749	13.084	12.82
2/1/2016	7.904	7.723	7.39	9.436	10.790	9.72	10.875	9.546	9.87	17.363	14.836	15.56	15.018	14.183	14.02
1/1/2016	8.426	8.235	7.91	9.612	10.928	9.87	12.855	11.364	11.76	19.161	16.319	17.22	16.237	15.239	15.16
12/1/2015	8.655	8.340	8.07	9.873	9.046	9.22	11.315	9.921	10.29	21.035	17.860	18.95	16.472	15.430	15.38
11/1/2015	8.484	8.258	7.95	9.822	9.014	9.18	11.188	9.781	10.17	20.212	17.181	18.18	16.039	15.056	14.97
10/1/2015	10.193	9.813	9.57	10.220	9.457	9.59	11.883	10.378	10.81	20.083	17.074	18.07	16.191	15.187	15.12
9/1/2015	12.434	11.797	11.69	10.895	10.010	10.21	13.139	11.524	12.01	21.872	18.551	19.72	19.824	18.334	18.53
8/1/2015	13.116	12.534	12.38	11.449	10.517	10.74	13.866	12.216	12.71	24.043	20.341	21.73	19.888	18.389	18.58
7/1/2015	12.306	11.900	11.65	11.484	10.501	10.75	14.181	12.496	13.01	25.295	21.374	22.87	19.671	18.202	18.39
6/1/2015	11.110	10.856	10.53	11.017	10.074	10.31	12.838	11.256	11.73	23.740	20.091	21.44	18.510	17.196	17.29
5/1/2015	10.193	9.977	9.64	11.259	10.310	10.55	12.720	11.140	11.61	22.013	18.667	19.85	19.174	17.771	17.92
4/1/2015	10.641	10.324	10.04	11.536	10.453	10.77	12.549	10.967	11.44	24.696	20.879	22.33	20.063	18.541	18.75
3/1/2015	10.576	10.345	10.01	11.571	10.706	10.89	11.972	10.434	10.89	23.375	19.790	21.11	20.111	18.583	18.79
2/1/2015	12.369	11.777	11.64	11.830	11.197	11.24	14.719	12.953	13.52	25.200	21.296	22.79	22.577	20.718	21.11

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1/1/2015	15.016	14.272	14.20	13.562	12.572	12.81	17.761	15.652	16.38	28.470	23.993	25.81	24.885	22.718	23.28
12/1/2014	15.758	12.078	13.79	16.157	13.912	14.86	19.328	17.019	17.85	29.486	24.825	26.75	26.168	23.815	24.48
11/1/2014	17.126	13.032	14.97	17.791	15.117	16.30	20.224	17.809	18.70	31.323	26.341	28.44	27.461	24.936	25.70
10/1/2014	18.831	14.203	16.44	18.501	15.636	16.93	20.631	18.168	19.08	28.561	24.063	25.89	27.325	24.818	25.57
9/1/2014	19.773	14.789	17.23	18.820	15.910	17.23	20.936	18.508	19.40	32.361	27.197	29.40	23.035	21.102	21.54
8/1/2014	19.736	14.953	17.28	19.797	16.566	18.07	21.059	18.598	19.51	32.629	27.418	29.64	29.913	27.060	28.00
7/1/2014	19.701	15.143	17.33	19.832	16.581	18.09	21.120	18.634	19.56	32.676	27.456	29.69	29.661	26.841	27.76
6/1/2014	19.843	15.062	17.38	19.229	16.245	17.61	20.977	18.418	19.38	32.615	27.407	29.64	29.314	26.540	27.43
5/1/2014	19.825	14.940	17.32	19.069	16.093	17.44	20.936	18.275	19.30	32.823	27.578	29.83	29.245	26.481	27.37
4/1/2014	19.595	15.062	17.24	19.637	16.429	17.91	21.038	18.401	19.41	34.077	28.613	30.98	29.583	26.774	27.69
3/1/2014	19.612	15.021	17.23	19.335	16.230	17.66	20.977	18.275	19.32	33.540	28.169	30.48	29.641	26.824	27.74
2/1/2014	19.488	15.143	17.20	19.353	16.292	17.69	21.120	18.454	19.11	33.752	28.344	30.29	29.593	26.783	26.96
1/1/2014	19.897	15.539	17.61	19.389	16.215	17.68	20.753	18.078	19.11	33.329	27.996	30.29	28.811	26.105	26.96
12/1/2013	23.319	16.356	19.89	20.825	15.638	18.28	19.579	18.920	18.83	34.430	28.880	31.37	29.693	26.836	27.83
11/1/2013	23.457	16.456	20.01	20.751	15.680	18.25	20.281	19.600	19.52	34.983	29.336	31.88	30.464	27.504	28.55
10/1/2013	22.697	16.041	19.40	20.657	15.652	18.19	19.990	19.318	19.23	34.669	29.076	31.59	29.473	26.646	27.63
* 9/1/2013	21.112	15.262	18.16	19.181	14.455	16.84	19.284	18.636	18.54	34.704	29.106	31.62	29.299	26.495	27.46
8/1/2013	23.089	16.191	19.69	18.976	14.427	16.70	18.911	18.273	18.18	33.272	27.924	30.30	29.307	26.502	27.47
7/1/2013	22.261	16.008	19.14	18.528	14.160	16.33	18.689	18.059	17.96	33.242	27.900	30.27	28.305	25.634	26.53
6/1/2013	22.491	16.008	19.27	19.032	14.372	16.71	19.431	18.777	18.69	33.681	28.262	30.68	29.729	26.868	27.86
5/1/2013	22.882	16.273	19.61	20.171	15.202	17.72	20.056	19.383	19.30	34.187	28.679	31.15	30.627	27.646	28.71
4/1/2013	22.927	16.456	19.70	21.442	15.990	18.78	20.884	20.184	20.11	36.071	30.233	32.88	31.544	28.440	29.57
3/1/2013	22.261	16.340	19.27	20.265	15.286	17.81	19.780	19.115	19.03	35.719	29.943	32.56	30.133	27.217	28.24
2/1/2013	22.239	16.273	19.23	19.555	14.780	17.19	19.524	18.868	18.78	31.861	26.760	29.00	25.468	23.176	23.87
1/1/2013	22.537	16.654	19.56	20.563	15.384	18.02	20.390	19.707	19.62	34.467	28.910	31.40	28.866	26.120	27.05
12/1/2012	25.438	18.429	21.96	20.637	15.466	18.09	22.178	21.034	21.20	36.579	30.672	33.19	30.029	27.100	28.11
11/1/2012	26.096	19.049	22.60	21.176	15.888	18.58	22.467	21.306	21.48	36.964	30.990	33.54	29.379	26.538	27.50
10/1/2012	26.197	19.256	22.74	20.017	15.074	17.57	20.018	18.982	19.11	33.423	28.068	30.27	27.722	25.103	25.95
9/1/2012	26.197	19.218	22.73	19.057	14.411	16.74	18.758	17.791	17.89	31.756	26.693	28.74	26.435	23.988	24.74
8/1/2012	27.260	19.801	23.58	19.077	14.350	16.73	19.713	18.705	18.82	32.500	27.308	29.42	28.287	25.592	26.48
7/1/2012	28.803	20.779	24.88	21.416	15.903	18.72	21.214	20.132	20.28	35.213	29.544	31.92	29.815	26.916	27.91
6/1/2012	28.650	21.023	24.89	22.136	16.206	19.27	22.051	20.928	21.09	36.152	30.319	32.79	30.750	27.725	28.79
5/1/2012	28.271	21.004	24.67	21.036	15.663	18.40	22.331	21.192	21.36	37.241	31.218	33.80	30.787	27.758	28.82
4/1/2012	27.436	20.534	23.99	21.097	15.723	18.47	20.859	19.794	19.93	35.333	29.644	32.03	29.098	26.296	27.24
3/1/2012	26.349	19.971	23.13	20.397	15.225	17.85	20.380	19.337	19.47	34.171	28.685	30.97	28.499	25.776	26.68
2/1/2012	26.045	19.481	22.75	20.257	15.149	17.74	19.940	18.916	19.04	34.467	28.930	31.24	28.195	25.513	26.39
1/1/2012	26.197	19.237	22.74	21.656	17.656	19.57	20.240	19.194	19.32	34.621	29.057	31.38	29.428	26.580	27.55

As of August 1, 2008 the calculation of Avoided Cost is based on the methodology approved in Docket No. 7310. D&O 24086  
HELCO and Maui Avoided Cost values were updated to reflect the 5-1-2010 filing.

\* Hawaii Electric Light Company's On-Peak Avoided Cost and Schedule Q values were corrected on September 18, 2013 filing.