



Report
03/26/2020

Ann K. Beckwith
Regulatory and Rates Specialist

VIA E-file through the Clerk's Office

March 26, 2020

Florida Public Service Commission
Office of the Commission Clerk
2540 Shumard Oak Blvd., Suite 152
Tallahassee, FL 32399-0850
ATTENTION: Moni Mtenga and Daniel Cordell

**Re: City of Key West / Keys Energy Services – CY 2019 Rule 25-6.065(10),
F.A.C., Interconnection and Net Metering report**

On behalf of the City of Key West, the referenced report is hereby filed by the Florida Municipal Power Agency (FMPA).

Sincerely yours,

/s/

Ann Beckwith
Regulatory and Rates Specialist
Florida Municipal Power Agency

Interconnection and Net Metering of
Customer-Owned Generation
Calendar Year 2019

Name of Utility: Keys Energy Services
 Contact: Diana Sanchez
 Title: Accounting Rep
 Telephone: 305-295-1018
 E-Mail: diana.sanchez@keysenergy.com
 Date: 1/23/2020

Customer #	County	Renewable Technology utilized	kW Capacity (DC) 100%	Gross Power Rating (AC) 85%	Interconnect Date	Total Energy Payment Made to Customer for Calendar Year	Total Energy Payment Made to Customer Since: Dec 2007
1	Monroe	Solar Panels	-	-	11/06/07	\$ -	\$ 152.63
2	Monroe	Solar Panels	-	-	05/29/08	\$ -	\$ 1,352.22
3	Monroe	Solar Panels	-	-	10/19/09	\$ -	\$ 3,992.02
4	Monroe	Solar Panels	-	-	02/01/10	\$ -	\$ 629.61
5	Monroe	Solar Panels	-	-	03/15/10	\$ -	\$ 1,620.97
6	Monroe	Solar Panels	2.000	1.700	02/08/10	\$ 42.50	\$ 174.76
7	Monroe	Solar Panels	4.300	3.655	03/30/10	\$ 13.39	\$ 623.82
8	Monroe	Solar Panels	3.780	3.213	04/09/10	\$ 329.06	\$ 3,917.02
9	Monroe	Solar Panels	2.800	2.380	04/27/10	\$ 298.93	\$ 2,821.73
10	Monroe	Solar Panels	3.300	2.805	04/27/10	\$ 86.72	\$ 1,115.79
11	Monroe	Solar Panels	2.800	2.380	04/27/10	\$ 602.40	\$ 4,048.96
12	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 70.20
13	Monroe	Solar Panels	5.100	4.335	08/13/10	\$ 482.43	\$ 4,355.97
14	Monroe	Solar Panels	-	-	09/09/10	\$ -	\$ 447.33
15	Monroe	Solar Panels	13.500	11.475	10/26/10	\$ 198.93	\$ 3,872.41
16	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 38.48
17	Monroe	Solar Panels	-	-	02/01/10	\$ -	\$ 199.18
18	Monroe	Solar Panels	21.750	18.488	06/08/11	\$ 50.10	\$ 1,488.57
19	Monroe	Solar Panels	-	-	06/08/11	\$ -	\$ 1,024.88
20	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 103.38
21	Monroe	Solar Panels	1.800	1.530	07/08/11	\$ 122.26	\$ 778.53
22	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 67.53
23	Monroe	Solar Panels	5.300	4.505	03/02/12	\$ 488.33	\$ 3,660.04
24	Monroe	Solar Panels	44.000	37.400	03/02/12	\$ -	\$ -
25	Monroe	Solar Panels	-	-	02/01/10	\$ -	\$ 1,874.88
26	Monroe	Wind Turbine	4.800	4.080	01/06/12	\$ -	\$ -
27	Monroe	Solar Panels	-	-	04/20/12	\$ -	\$ 2,866.71
28	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 30.65
29	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ -
30	Monroe	Solar Panels	-	-	10/04/12	\$ -	\$ 258.73
31	Monroe	Solar Panels	-	-	11/14/12	\$ -	\$ 2,669.37
32	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ -
33	Monroe	Solar Panels	10.000	8.500	01/10/13	\$ -	\$ 2,665.29
34	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ 2.44
35	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ -
36	Monroe	Solar Panels	-	-	02/07/13	\$ -	\$ 1,258.54
37	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ -
38	Monroe	Solar Panels	9.160	7.786	04/26/13	\$ 1,617.87	\$ 9,789.89
39	Monroe	Solar Panels	9.160	7.786	04/26/13	\$ 149.36	\$ 1,104.10
40	Monroe	Solar Panels	8.300	7.055	06/08/11	\$ 249.39	\$ 1,878.34

Hurricane Irma destroyed solar panels

Hurricane Irma destroyed solar panels

Customer #	County	Renewable Technology utilized	kW Capacity (DC) 100%	Gross Power Rating (AC) 85%	Interconnect Date	Total Energy Payment Made to Customer for Calendar Year	Total Energy Payment Made to Customer Since: Dec 2007
41	Monroe	Solar Panels	4.000	3.400	07/24/13	\$ 54.03	\$ 162.62
42	Monroe	Solar Panels	-	-	02/09/11	\$ 38.63	\$ 958.32
43	Monroe	Solar Panels	6.000	5.100	07/26/13	\$ 507.59	\$ 4,076.06
44	Monroe	Solar Panels	5.000	4.250	05/29/08	\$ 125.92	\$ 560.11
45	Monroe	Solar Panels	4.000	3.400	11/06/07	\$ 19.08	\$ 78.75
46	Monroe	Solar Panels	-	-	02/09/11	\$ -	\$ -
47	Monroe	Solar Panels	-	-	04/22/15	\$ 61.84	\$ 1,016.48
48	Monroe	Solar Panels	4.000	3.400	08/07/15	\$ 56.57	\$ 362.89
49	Monroe	Solar Panels	30.000	25.500	12/31/09	\$ 6,099.97	\$ 20,755.67
50	Monroe	Solar Panels	-	-	03/15/10	\$ -	\$ 120.37
51	Monroe	Solar Panels	1.300	1.105	02/09/11	\$ 144.04	\$ 603.10
52	Monroe	Solar Panels	20.000	17.000	11/01/16	\$ 795.99	\$ 2,892.88
53	Monroe	Solar Panels	5.000	4.250	10/04/12	\$ -	\$ -
54	Monroe	Solar Panels	60.000	51.000	11/08/16	\$ -	\$ 0.15
55	Monroe	Solar Panels	4.500	3.825	02/01/10	\$ 115.33	\$ 323.67
56	Monroe	Solar Panels	23.290	19.797	03/28/17	\$ 804.00	\$ 2,815.82
57	Monroe	Solar Panels	75.000	63.750	03/31/17	\$ -	\$ -
58	Monroe	Solar Panels	1.300	1.105	03/30/17	\$ 104.32	\$ 351.22
59	Monroe	Solar Panels	5.160	4.386	09/09/10	\$ 135.70	\$ 407.94
60	Monroe	Solar Panels	-	-	11/14/12	\$ -	\$ 188.58
61	Monroe	Solar Panels	25.570	21.735	06/05/17	\$ -	\$ 0.08
62	Monroe	Solar Panels	9.790	8.322	11/14/17	\$ 1,536.31	\$ 3,045.62
63	Monroe	Solar Panels	10.000	8.500	11/17/17	\$ 514.00	\$ 2,127.64
64	Monroe	Solar Panels	9.720	8.262	11/09/17	\$ 1,072.90	\$ 1,832.02
65	Monroe	Solar Panels	8.400	7.140	10/19/09	\$ 302.45	\$ 652.97
66	Monroe	Solar Panels	7.700	6.545	7/27/18	\$ 599.01	\$ 866.41
67	Monroe	Solar Panels	6.000	5.100	8/9/18	\$ 324.78	\$ 416.80
68	Monroe	Solar Panels	-	-	8/21/18	\$ 131.57	\$ 193.84
69	Monroe	Solar Panels	7.500	6.375	8/9/18	\$ 256.37	\$ 339.64
70	Monroe	Solar Panels	3.670	3.120	10/30/18	\$ 24.08	\$ 26.94
71	Monroe	Solar Panels	7.240	6.154	2/22/19	\$ 210.98	\$ 210.98
72	Monroe	Solar Panels	9.900	8.415	2/22/19	\$ 239.21	\$ 239.21
73	Monroe	Solar Panels	6.000	5.100	05/06/19	\$ 58.02	\$ 58.02
74	Monroe	Solar Panels	3.600	3.060	3/29/19	\$ 159.48	\$ 159.48
75	Monroe	Solar Panels	4.700	3.995	4/22/15	\$ 130.71	\$ 130.71
76	Monroe	Solar Panels	1.300	1.105	02/09/11	\$ 56.56	\$ 56.56
77	Monroe	Solar Panels	8.710	7.404	5/30/19	\$ 353.27	\$ 353.27
78	Monroe	Solar Panels	4.440	3.774	8/21/18	\$ 122.20	\$ 122.20
79	Monroe	Solar Panels	9.330	7.931	7/25/19	\$ 145.22	\$ 145.22
80	Monroe	Solar Panels	5.700	4.845	10/28/19	\$ 47.91	\$ 47.91
Total			549.670	467.220		\$ 20,079.71	\$ 107,655.12

Total amount listed; of which FMPA Owns 62% and NOAA 38%

Note:
Any customer that shows a value of "0" indicates that the PV installation has either 1) had a tenant turnover 2) the PV system needs repair and is not working 3) has not sent any generation to the grid, 4) the installation is in its first month of billing.

of Active Solar Customers: 51

Customer #	TOTAL kWh Delivered to Customer	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	4,876	183	252	262	276	395	510	603	600	554	470	482	289
7	15,672	1,713	1,535	1,496	1,493	1,554	1,460	1,282	1,378	880	425	1,567	889
8	9,642	449	397	281	345	711	835	1,100	1,475	1,407	1,260	858	524
9	964	73	68	75	67	69	78	72	56	72	99	112	123
10	3,848	248	327	253	247	291	338	369	345	419	364	354	293
11	10,916	627	633	843	623	840	1,127	1,120	1,530	991	767	1,036	779
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	3,353	183	191	168	178	197	336	418	395	395	383	318	191
14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	7,231	525	596	551	498	628	852	811	655	666	609	508	332
16	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-
18	59,560	3,710	3,685	4,056	3,912	4,969	5,204	5,875	6,106	6,065	5,350	6,180	4,448
19	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
21	8,509	552	534	617	628	645	730	851	895	889	704	840	624
22	-	-	-	-	-	-	-	-	-	-	-	-	-
23	7,191	479	432	286	252	553	818	831	941	894	767	566	372
24	152,028	7,102	6,979	8,730	8,938	9,535	14,507	17,698	16,443	16,405	17,434	17,037	11,220
25	-	-	-	-	-	-	-	-	-	-	-	-	-
26	27,016	1,313	1,541	1,779	1,709	1,954	2,314	2,725	2,948	2,870	3,000	2,295	2,568
27	3,286	1,042	1,227	-	1,017	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-
33	29,907	1,510	1,509	2,171	1,780	2,316	3,220	4,652	3,039	2,885	2,466	2,946	1,413
34	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-
38	2,279	557	251	80	83	79	76	79	78	88	88	277	543
39	23,948	1,548	1,408	1,847	1,818	2,133	2,466	2,615	2,506	2,674	2,050	1,960	923
40	10,958	826	1,156	1,435	999	554	859	871	777	707	654	1,746	374
41	11,435	365	456	482	692	1,213	1,441	1,923	1,712	1,356	702	667	426
42	1,525	333	267	323	602	-	-	-	-	-	-	-	-
43	2,925	146	162	337	93	250	262	124	383	170	345	446	207
44	19,646	1,493	1,314	1,513	1,505	1,608	1,890	2,191	1,876	1,997	1,469	1,599	1,191
45	19,935	1,583	1,298	895	1,028	1,293	1,368	2,671	2,580	1,969	2,136	1,860	1,254
46	-	-	-	-	-	-	-	-	-	-	-	-	-
47	1,730	536	442	752	-	-	-	-	-	-	-	-	-
48	7,454	533	242	248	823	806	641	943	750	715	778	687	288
49	46,529	2,705	2,583	3,679	3,878	4,766	4,733	5,080	4,495	4,443	3,887	3,382	2,898
50	22,599	3,028	3,242	3,792	3,795	2,648	2,921	3,173	-	-	-	-	-
51	4,743	276	280	318	222	329	457	433	608	514	531	479	296
52	22,360	1,520	1,840	2,200	1,840	1,520	1,800	2,000	2,040	2,000	1,960	2,120	1,520
53	34,297	1,826	1,697	1,782	1,984	1,811	3,717	3,336	5,024	3,993	3,404	3,484	2,239
54	551,280	42,960	43,200	40,320	37,680	39,120	46,080	54,960	50,640	48,960	49,920	51,120	46,320
55	20,558	1,256	1,221	1,503	1,430	1,970	2,021	2,249	2,295	1,475	1,322	2,173	1,643
56	15,969	22	113	383	432	1,190	2,488	2,080	2,418	1,659	1,747	1,774	1,663
57	622,684	36,820	39,160	42,968	44,627	46,574	55,749	63,800	62,529	60,278	62,324	60,717	47,138
58	5,432	643	347	238	416	470	544	684	815	342	573	225	135
59	18,268	1,535	1,496	1,701	983	1,009	1,355	1,855	2,085	2,174	1,652	1,476	947
60	-	-	-	-	-	-	-	-	-	-	-	-	-
61	455,520	32,800	30,080	30,160	36,560	42,480	42,720	43,280	41,920	44,080	37,200	38,000	36,240
62	9,120	557	390	282	291	394	1,009	1,296	1,262	1,269	800	925	645
63	10,858	796	754	765	709	719	849	735	872	1,101	1,249	1,184	1,125
64	7,360	125	224	445	408	450	416	452	904	1,040	929	1,044	923
65	17,404	1,384	2,819	1,958	2,350	3,059	2,230	1,863	516	212	376	333	304

Customer #	TOTAL kWh Delivered to Customer	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
66	7,481	501	481	419	458	504	831	1,216	660	610	538	808	455
67	10,040	-	605	734	580	789	1,080	1,267	1,211	1,301	1,022	924	527
68	5,024	850	898	850	964	860	602	-	-	-	-	-	-
69	16,266	1,804	1,806	957	917	1,090	1,299	1,514	1,418	1,493	1,269	1,163	1,536
70	13,648	684	872	958	931	931	1,257	1,595	1,532	1,540	1,333	1,229	786
71	10,303	-	-	1,360	1,012	935	1,025	901	878	938	1,093	1,149	1,012
72	21,454	-	-	1,519	1,471	2,109	2,239	2,975	2,865	2,370	2,252	2,086	1,568
73	13,537	-	-	-	-	1,141	1,923	2,015	2,102	2,219	1,515	1,498	1,124
74	2,827	-	-	-	346	245	345	372	313	356	357	292	201
75	5,713	-	-	-	91	276	763	796	884	906	714	760	523
76	3,802						631	572	532	506	566	515	480
77	4,847						1,003	816	642	775	507	436	668
78	4,595							1,015	839	723	791	663	564
79	7,872								2,046	1,636	1,338	1,553	1,299
80	1,139											649	490
TOTAL kWh	2,439,363	159,721	161,010	168,771	173,981	189,982	223,419	252,154	241,813	233,981	223,489	226,502	184,540

Customer #	TOTAL kWh Customer Delivered to Grid	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-
6	384	28	36	50	67	45	26	18	19	24	31	26	14
7	122	1	1	-	2	2	2	-	1	42	68	2	1
8	2,976	377	449	445	487	253	141	118	-	82	99	218	307
9	2,703	161	155	226	262	290	296	264	262	249	215	174	149
10	784	68	75	99	121	87	56	38	53	37	43	43	64
11	5,201	632	584	814	751	696	369	148	67	184	281	334	341
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	4,364	365	419	481	550	479	331	258	240	282	288	310	361
14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3,103	308	312	392	552	349	152	125	152	154	211	208	188
16	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-
18	665	46	72	112	146	-	151	20	17	22	31	13	35
19	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
21	1,105	67	76	112	130	148	126	101	79	70	73	60	63
22	-	-	-	-	-	-	-	-	-	-	-	-	-
23	4,415	334	425	445	548	429	443	471	308	172	224	290	326
24	3,901	578	787	528	1,045	686	145	5	7	4	5	2	109
25	-	-	-	-	-	-	-	-	-	-	-	-	-
26	90	17	28	8	22	4	6	2	3	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-
38	13,974	895	853	1,212	1,421	1,543	1,531	1,197	1,199	1,262	1,073	913	875
39	1,292	151	123	99	159	116	72	57	60	83	65	53	254
40	2,256	179	128	140	232	337	227	164	161	193	189	62	244
41	489	64	75	89	84	30	11	3	4	13	41	41	34
42	348	33	55	74	186	-	-	-	-	-	-	-	-
43	4,585	359	446	394	654	490	423	487	321	357	219	189	246
44	1,140	140	193	155	163	65	38	11	29	44	84	72	146
45	172	1	8	24	52	53	34	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-
47	557	128	137	292	-	-	-	-	-	-	-	-	-
48	511	32	61	73	63	49	51	38	36	35	24	13	36
49	46,529	2,705	2,583	3,679	3,878	4,766	4,733	5,080	4,495	4,443	3,887	3,382	2,898
50	-	-	-	-	-	-	-	-	-	-	-	-	-
51	1,302	99	99	133	173	147	108	124	73	114	66	70	96
52	12,240	760	800	760	1,320	1,760	1,200	1,280	1,040	1,000	880	640	800
53	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-
55	1,044	104	88	112	105	87	77	48	52	103	133	81	54
56	12,245	1,552	1,632	1,745	2,356	1,606	870	904	123	870	207	178	202
57	35	3	5	5	10	10	2	-	-	-	-	-	-
58	943	110	95	121	115	89	85	77	74	1	-	93	83
59	1,229	59	102	80	282	210	113	33	1	2	66	98	183
60	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-	-
62	13,900	1,257	1,425	1,613	1,837	1,553	861	679	669	804	1,078	971	1,153
63	4,638	498	547	558	540	479	501	464	413	241	143	116	138
64	9,702	972	873	932	1,045	1,044	969	779	586	550	625	611	716

Customer #	TOTAL kWh Customer Delivered to Grid	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
65	4,995	742	480	627	544	-	-	74	398	578	491	526	535
66	9,514	873	916	1,125	1,082	1,046	635	33	708	781	771	675	869
67	5,241	-	1,221	664	636	498	309	184	161	229	322	430	587
68	1,986	289	360	377	429	287	244	-	-	-	-	-	-
69	3,911	148	109	440	587	525	479	308	273	291	345	343	63
70	361	25	20	35	61	68	48	24	17	16	20	15	12
71	3,162	-	-	108	198	501	601	418	443	383	247	158	105
72	3,725	-	-	546	690	325	299	173	167	336	394	331	464
73	973	-	-	-	-	24	123	62	59	61	167	156	321
74	2,446	-	-	-	105	422	380	289	315	270	256	199	210
75	1,182	-	-	-	167	311	170	111	93	91	82	68	89
76	513	-	-	-	-	-	71	63	77	113	79	50	60
77	5,707	-	-	-	-	-	631	1,002	858	900	839	799	678
78	2,042	-	-	-	-	-	-	361	301	354	306	387	333
79	2,556	-	-	-	-	-	-	-	259	568	517	561	651
80	882	-	-	-	-	-	-	-	-	-	-	454	428
TOTAL kWh	208,140	15,160	16,853	19,924	23,857	21,909	18,140	16,095	14,673	16,408	15,185	14,415	15,521