



Florida Municipal Power Agency

Karen R. Culpepper, CP, FRP  
Office of the General Counsel Office Manager

March 31, 2017

Florida Public Service Commission  
Office of the Commission Clerk  
2540 Shumard Oak Blvd., Suite 152  
Tallahassee, FL 32399-0850  
ATTENTION: Lydia Roberts or Diana Marr

**Re: City of Jacksonville Beach dba Beaches Energy – CY2016 Report on  
Customer-Owned Renewable Generation, under Rule 25-6.065(10), F.A.C.**

Lydia or Diana,

On behalf of the City of Jacksonville Beach, doing business as Beaches Energy, the referenced report is hereby filed by the Florida Municipal Power Agency (FMPA), as required by Rule 25-6.065(10), F.A.C. for Customer-Owned Renewable Generation.

Sincerely yours,

/s/

Karen Culpepper, CP, FRP  
Office Manager – General Counsel's Office

Interconnection and Net Metering of  
Customer-Owned Generation  
Calendar Year 2016

Name of Utility Beaches Energy Services  
 Contact: Caroline Jenkins  
 Title: Accountant/Analyst  
 Telephone: (904) 247-6148  
 E-Mail: [cjenkins@beachesenergy.com](mailto:cjenkins@beachesenergy.com)  
 Date: 12.31.16

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 2008 or Installation
1	Duval	Photovoltaic	6.08	5.168	3/1/07	\$681	\$5,575
2	St John's	Photovoltaic	1.20	1.020	07/01/06	\$0	\$58
3	Duval	Photovoltaic	4.00	3.400	10/29/07	\$87	\$479
4	Duval	Photovoltaic	5.10	4.335	12/15/07	\$126	\$5,333
5	Duval	Photovoltaic	11.76	9.996	4/1/08	\$1,267	\$5,360
6	St John's	Photovoltaic	5.00	4.250	7/8/08	\$37	\$1,037
7	Duval	Photovoltaic	6.84	5.814	7/1/08	\$299	\$3,861
8	St John's	Photovoltaic	4.00	3.400	8/15/08	\$3	\$596
9	St John's	Photovoltaic	10.00	8.500	9/30/08	\$291	\$2,145
10	Duval	Photovoltaic	5.10	4.335	1/1/09	\$477	\$5,294
11	St John's	Photovoltaic	5.52	4.692	3/3/09	\$488	\$3,501
12	Duval	Photovoltaic	4.40	3.740	1/1/10	\$584	\$3,884
13	Duval	Photovoltaic	7.56	6.426	4/1/10	\$218	\$1,946
14	Duval	Photovoltaic	5.20	4.420	2/1/10	\$151	\$1,623
15	St John's	Photovoltaic	22.20	18.870	3/1/10	\$39	\$1,274
16	St John's	Photovoltaic	5.00	4.250	8/1/10	\$159	\$2,671
17	Duval	Photovoltaic	5.25	4.463	7/1/10	\$0	\$1,175
18	St John's	Photovoltaic	25.11	21.344	3/1/11	\$480	\$7,736
19	St John's	Photovoltaic	20.25	17.213	3/1/11	\$1,074	\$8,825
20	St John's	Photovoltaic	6.00	5.100	4/1/11	\$14	\$48
21	Duval	Photovoltaic	8.90	7.565	4/1/11	\$616	\$1,337
22	Duval	Photovoltaic	2.55	2.169	4/5/11	\$33	\$374
23	St John's	Photovoltaic	5.00	4.250	8/22/11	\$63	\$999
24	St John's	Photovoltaic	6.00	5.100	8/24/11	\$30	\$303
25	St John's	Photovoltaic	7.00	5.950	11/1/11	\$895	\$3,279
26	Duval	Photovoltaic	36.50	31.025	11/7/12	\$1,792	\$6,653
27	St Johns	Photovoltaic	5.00	4.250	2/1/13	\$112	\$514
28	St Johns	Photovoltaic	10.83	9.205	7/26/13	\$159	\$771
29	St Johns	Photovoltaic	4.90	4.165	7/29/13	\$54	\$433
30	St Johns	Photovoltaic	6.37	5.415	7/29/13	\$300	\$1,929
31	St Johns	Photovoltaic	7.65	6.502	1/23/14	\$522	\$1,118
32	St Johns	Photovoltaic	7.04	5.985	4/28/14	\$308	\$676
33	St Johns	Photovoltaic	3.78	3.213	8/11/14	\$419	\$857
34	Duval	Photovoltaic	4.37	3.710	8/26/14	\$200	\$691
35	Duval	Photovoltaic	7.95	6.758	8/29/14	\$119	\$469
36	St Johns	Photovoltaic	6.94	5.899	9/11/14	\$1,134	\$2,286
37	Duval	Photovoltaic	5.60	4.760	9/12/14	\$567	\$1,232
38	Duval	Photovoltaic	10.46	8.891	10/13/14	\$1,228	\$2,319
39	Duval	Photovoltaic	7.48	6.358	1/5/15	\$713	\$1,145
40	Duval	Photovoltaic	30.60	26.010	3/20/15	\$2,076	\$2,923
41	St Johns	Photovoltaic	14.40	12.240	4/1/15	\$544	\$1,469
42	Duval	Photovoltaic	5.04	4.284	4/14/15	\$404	\$658
43	St Johns	Photovoltaic	7.40	6.290	6/10/15	\$215	\$327
44	Duval	Photovoltaic	6.40	5.440	7/21/15	\$496	\$532
45	Duval	Photovoltaic	12.07	10.260	7/22/15	\$128	\$150
46	Duval	Photovoltaic	5.40	4.590	7/27/15	\$556	\$657
47	St Johns	Photovoltaic	15.20	12.920	7/27/15	\$402	\$545
48	St Johns	Photovoltaic	13.98	11.883	8/12/15	\$826	\$958
49	Duval	Photovoltaic	10.48	8.908	11/23/15	\$756	\$782
50	Duval	Photovoltaic	4.20	3.570	1/11/16	\$0	\$0
51	St Johns	Photovoltaic	7.10	6.035	1/12/16	\$56	\$56
52	St Johns	Photovoltaic	7.20	6.120	1/12/16	\$218	\$218
53	St Johns	Photovoltaic	10.20	8.670	3/10/16	\$182	\$182
54	St Johns	Photovoltaic	26.20	22.270	3/23/16	\$454	\$454
55	Duval	Photovoltaic	11.75	9.988	5/16/16	\$154	\$154
56	Duval	Photovoltaic	8.97	7.625	5/16/06	\$211	\$211
57	St Johns	Photovoltaic	11.20	9.520	6/14/16	\$0	\$0
58	St Johns	Photovoltaic	17.87	15.190	6/15/16	\$0	\$0
59	Duval	Photovoltaic	7.10	6.035	6/22/16	\$0	\$0
60	Duval	Photovoltaic	10.90	9.300	8/8/16		
61	Duval	Photovoltaic	6.10	5.200	8/12/16		
62	Duval	Photovoltaic	15.30	13.000	8/15/16		
63	Duval	Photovoltaic	15.30	13.000	8/15/16		
64	Duval	Photovoltaic	15.30	13.000	8/15/16		
65	Duval	Photovoltaic	15.30	13.000	8/15/16		
66	St Johns	Photovoltaic	5.84	4.960	11/23/16		
<b>Total</b>			<b>636.69</b>	<b>541.21</b>		<b>\$23,414</b>	<b>\$100,080</b>

Net Metering Policy Adopted by City Council May 4, 2009

Interconnection and Net Metering of  
Customer-Owned Generation  
Calendar Year 2016

Name of Utility Beaches Energy Services  
 Contact: Caroline Jenkins  
 Title: Accountant/Analyst  
 Telephone: (904) 247-6148  
 E-Mail: [cjenkins@beachesenergy.com](mailto:cjenkins@beachesenergy.com)  
 Date: 12.31.16

Customer #	TOTAL kWh Customer Delivered to Grid	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
1	5,140	343	331	619	516	667	485	336	173	320	428	452	470
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	697	28	47	80	89	83	52	41	24	47	67	75	64
4	1,099	234	282	173	222	155	24	9	0	0	0	0	0
5	9,067	425	529	1,184	1,240	1,278	860	621	353	329	648	799	801
6	163	12	37	62	44	2	4	0	0	0	0	0	2
7	2,030	143	238	309	269	206	131	107	50	43	121	202	211
8	17	0	0	0	2	2	8	3	0	0	0	2	0
9	2,127	141	88	244	249	288	256	181	42	116	135	183	204
10	3,265	147	292	443	422	422	349	250	114	134	250	267	175
11	3,523	291	255	444	481	370	279	187	63	239	237	249	428
12	4,207	250	433	547	569		737	264	184	155	385	390	294
13	1,057	162	230	282	166	75	25	8	6	5	10	27	61
14	1,067	31	35	161	138	203	89	71	48	92	76	71	52
15	346	7	36	56	111	99	33	4	0	0	0	0	0
16	1,570	71	64	256	309	409	283	93	0	85	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	5,060	160	160	440	640	1,520	1,280	380	0	480	0	0	0
19	10,400	800	960	1,760	1,680	2,320	1,840	640	0	400	0	0	0
20	120	0	0	40	80	0	0	0	0	0	0	0	0
21	4,750	158	271	467	638	518	632	541	248	244	334	340	360
22	230	20	28	30	47	14	2	0	2	2	12	47	26
23	555	47	40	96	119	188	63	2	0	0	0	0	0
24	297	4	3	56	57	57	86	20	0	14	0	0	0
25	5,759	498	693	921	832	570	369	213	184	133	370	451	525
26	17,920	1,440	1,600	3,520	2,720	3,520	2,800	1,160	0	1,160	0	0	0
27	1,091	61	58	115	172	350	220	72	0	43	0	0	0
28	1,413	139	83	320	303	336	200	26	0	6	0	0	0
29	501	11	1	48	115	196	100	15	0	15	0	0	0
30	2,870	351	323	573	459	546	350	158	0	110	0	0	0
31	3,973	139	123	394	433	655	536	358	177	328	319	256	255
32	1,874	120	126	289	325	310	171	58	40	52	107	110	166
33	3,293	266	203	314	363	363	310	262	133	276	227	277	299
34	1,500	38	64	184	159	237	189	108	62	92	205	121	41
35	1,094	49	122	237	264	219	147	56	0	0	0	0	0
36	8,827	516	539	934	955	1,031	961	760	339	810	614	674	694
37	4,201	268	372	527	537	441	317	308	158	160	323	426	364
38	8,049	525	752	1,115	1,143	1,017	785	189	337	347	550	595	694
39	4,923	305	424	598	677	592	503	367	183	190	372	332	381
40	17,013	796	967	1,886	1,668	1,934	1,785	1,277	673	1,073	1,954	1,339	1,661
41	5,552	277	357	861	968	1,229	1,054	411	0	396	0	0	0
42	2,932	172	283	395	374	310	220	174	103	96	236	282	287
43	2,217	144	166	357	391	428	383	155	0	194	0	0	0
44	3,416	239	375	480	482	0	577	152	99	84	262	344	322
45	1,207	50	129	432	185	46	274	58	0	33	0	0	0
46	4,338	175	205	386	519	567	571	382	188	400	349	329	267
47	3,711	334	379	859	684	753	485	121	0	96	0	0	0
48	4,858	384	356	596	787	842	628	413	156	349	347	0	0
49	5,168	314	483	824	628	628	408	205	133	213	318	448	566
50	114	0	0	0	0	0	0	0	0	10	80	24	24
51	554	0	15	79	156	100	136	11	0	58	0	0	0
52	2,439	0	38	622	445	443	357	268	0	267	0	0	0
53	2,053	0	0	0	257	740	607	262	0	187	0	0	0
54	5,440	0	0	0	0	2,040	1,960	760	0	680	0	0	0
55	2,666	0	0	0	0	206	472	520	210	265	356	348	289
56	6,408	0	0	0	0	0	930	1,238	582	839	1,206	877	736
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	225	0	0	0	0	0	0	57	0	168	0	0	0
59	1,228	0	0	0	0	0	0	192	74	123	247	308	284
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	1,375	0	0	0	0	0	0	0	229	16	385	304	441
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	3,327	0	0	0	0	0	0	0	0	0	1,121	1,418	788
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL kWh</b>	<b>200,304</b>	<b>11,085</b>	<b>13,595</b>	<b>25,615</b>	<b>25,089</b>	<b>29,525</b>	<b>26,323</b>	<b>14,519</b>	<b>5,361</b>	<b>11,956</b>	<b>12,581</b>	<b>12,423</b>	<b>12,232</b>

Interconnection and Net Metering of  
Customer-Owned Generation  
Calendar Year 2016

Name of Utility Beaches Energy Services  
 Contact: Caroline Jenkins  
 Title: Accountant/Analyst  
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 Date: 12.31.16

Customer #	TOTAL kWh Delivered to Customer	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
1	3,577	284	444	287	215	220	373	336	173	320	436	212	277
2	12,028	1,499	1,991	1,490	1,018	1,070	1,216	0	0	0	1,438	1,114	1,192
3	9,770	943	1,329	898	962	1,034	1,521	41	24	47	1,391	884	696
4	7,217	187	1,595	1,337	885	1,095	2,118	0	0	0	0	0	0
5	8,526	1,526	1,508	610	471	451	921	621	353	329	637	444	655
6	15,096	596	1,412	736	1,261	1,919	1,924	0	0	0	2,713	2,651	1,884
7	12,045	1,465	1,288	1,037	1,080	1,387	1,745	107	50	43	1,519	1,114	1,210
8	29,085	2,292	8,210	2,934	2,538	2,526	2,287	3	0	0	3,448	2,726	2,121
9	25,139	2,370	2,501	2,539	2,267	2,823	2,687	181	42	116	3,809	2,907	2,897
10	6,088	653	545	502	551	650	688	250	114	134	736	602	663
11	12,236	1,203	2,108	785	923	1,242	1,403	187	63	239	1,783	1,343	957
12	7,806	751	649	635	797		2,049	264	184	155	973	743	607
13	12,167	962	1,239	974	1,016	1,429	1,757	0	0	0	2,213	1,402	1,175
14	12,283	1,140	1,582	1,010	905	1,161	1,671	71	48	92	1,923	1,615	1,065
15	62,622	10,142	19,482	7,563	7,450	8,940	9,041	4	0	0	0	0	0
16	3,684	470	723	522	474	574	743	93	0	85	0	0	0
17	19,584	2,378	1,842	1,999	1,744	2,232	2,920	0	0	0	2,626	1,777	2,066
18	13,440	2,800	3,320	2,320	1,720	1,600	1,680	0	0	0	0	0	0
19	9,520	1,440	1,920	1,360	1,280	1,120	1,360	640	0	400	0	0	0
20	9,280	1,320	1,520	1,000	920	2,160	2,360	0	0	0	0	0	0
21	10,909	1,232	1,121	1,012	684	990	1,097	541	248	244	1,242	1,353	1,146
22	21,852	2,671	2,162	1,831	1,356	2,573	3,618	0	1	2	3,137	2,019	2,482
23	15,709	1,716	3,736	3,303	1,537	1,993	3,422	2	0	0	0	0	0
24	12,827	2,105	2,628	1,868	1,500	2,611	2,081	20	0	14	0	0	0
25	7,416	1,180	795	484	278	460	1,256	213	193	133	838	732	854
26	11,840	1,920	2,880	2,000	1,280	1,760	2,000	0	0	0	0	0	0
27	11,387	1,403	4,464	1,748	1,421	887	1,349	72	0	43	0	0	0
28	11,734	1,511	3,964	2,274	1,113	1,276	1,564	26	0	6	0	0	0
29	5,374	661	1,745	1,048	545	563	782	15	0	15	0	0	0
30	4,865	603	896	563	758	855	922	158	0	110	0	0	0
31	4,369	168	692	224	349	249	349	358	177	328	686	458	331
32	22,058	2,122	5,596	1,929	1,685	1,977	2,080	58	40	52	2,384	2,207	1,928
33	7,156	462	1,604	452	480	457	675	262	133	276	1,063	808	484
34	7,269	846	844	763	719	740	794	108	62	92	600	530	1,171
35	8,041	1,571	1,393	970	1,003	1,229	1,819	56	0	0	0	0	0
36	6,428	402	467	303	318	379	608	760	339	810	1,113	553	376
37	5,357	502	694	314	375	517	791	308	158	160	741	462	335
38	8,956	1,132	1,205	754	621	726	1,084	189	337	347	1,062	688	811
39	5,929	604	565	445	364	435	696	367	183	190	905	668	508
40	27,490	3,028	2,400	2,549	2,089	2,620	2,923	1,277	673	1,073	3,269	2,938	2,651
41	7,021	990	1,701	1,136	571	816	1,001	411	0	396	0	0	0
42	6,101	855	868	616	511	500	714	174	103	96	537	538	589
43	5,537	569	1,042	846	751	976	1,005	155	0	194	0	0	0
44	7,024	892	880	538	588	0	1,607	152	99	84	891	697	596
45	14,668	2,177	1,738	1,392	2,471	4,728	2,071	58	0	33	0	0	0
46	4,513	408	893	534	196	190	291	382	188	400	443	198	390
47	9,215	1,571	2,061	1,335	1,059	1,315	1,657	121	0	96	0	0	0
48	12,373	1,311	3,794	1,288	1,064	1,055	1,252	413	156	349	1,691	0	0
49	11,052	1,288	1,488	879	1,062	1,016	1,447	205	133	213	1,575	870	876
50	10,451	0	1,080	1,145	1,056	1,295	1,703	0	0	0	2,142	1,100	930
51	9,122	0	4,408	1,495	864	918	1,369	11	0	58	0	0	0
52	6,765	0	1,969	1,252	965	1,096	949	268	0	267	0	0	0
53	2,978	0	0	0	567	954	1,008	262	0	187	0	0	0
54	3,880	0	0	0	0	1,000	1,440	760	0	680	0	0	0
55	6,541	0	0	0	0	1,542	1,142	520	210	265	1,065	819	978
56	2,761	0	0	0	0	0	670	0	0	0	653	560	878
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	225	0	0	0	0	0	0	57	0	168	0	0	0
59	2,419	0	0	0	0	0	0	192	123	74	863	582	585
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	1,585	0	0	0	0	0	0	0	229	16	486	462	392
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	7,337	0	0	0	0	0	0	0	0	0	2,873	1,029	3,435
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL kWh</b>	<b>639,716</b>	<b>70,321</b>	<b>116,981</b>	<b>67,828</b>	<b>58,677</b>	<b>74,331</b>	<b>89,700</b>	<b>11,724</b>	<b>4,831</b>	<b>9,423</b>	<b>55,904</b>	<b>39,805</b>	<b>40,191</b>