



Report
03/17/2021

Karen R. Culpepper, CP, FRP
Office Manager and Paralegal

FILED VIA ELECTRONIC MAIL

March 17, 2021

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

Re: City of Jacksonville Beach dba Beaches Energy Services – CY2020 Rule 25-6.065(10), F.A.C. Report on Customer-Owned Renewable Generation, Interconnection and Net-Metering

Lydia or Moni:

On behalf of the City of Jacksonville Beach, dba Beaches Energy Services, the referenced report is hereby filed by the Florida Municipal Power Agency (FMPA), as required.

Please contact our office if you have any questions.

Sincerely yours,

/s/

Karen Culpepper, CP, FRP
Office Manager and Paralegal
General Counsel's Office

Interconnection and Net Metering of
Customer-Owned Generation
Calendar Year 2020

Name of Utility: Beaches Energy Services
 Contact: Caroline Jenkins
 Title: Accountant
 Telephone: (904) 247-6148
 E-Mail: cjenkins@beachesenergy.com
 Date: 12/31/2020

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 2008 or Installation	Net Metering Policy Adopted by City Council May 4, 2009
1	Duval	Photovoltaic	6.08	5.168	3/1/07	\$366	\$6,673	
2	St Johns	Photovoltaic	1.20	1.020	07/01/06	\$0	\$58	
3	Duval	Photovoltaic	4.00	3.400	10/29/07	\$9	\$564	
4	Duval	Photovoltaic	5.10	4.335	12/15/07	\$42	\$5,457	Customer applies credit to water bill
5	Duval	Photovoltaic	11.76	9.996	4/1/08	\$984	\$7,775	
6	St Johns	Photovoltaic	5.00	4.250	7/8/08	\$0	\$1,043	
7	Duval	Photovoltaic	6.84	5.814	7/1/08	\$63	\$4,272	
8	St Johns	Photovoltaic	4.00	3.400	8/15/08	\$0	\$597	
9	St Johns	Photovoltaic	10.00	8.500	9/30/08	\$254	\$2,998	
10	Duval	Photovoltaic	5.10	4.335	1/1/09	\$233	\$6,049	
11	St Johns	Photovoltaic	5.52	4.692	3/3/09	\$260	\$4,269	
12	Duval	Photovoltaic	4.40	3.740	1/1/10	\$343	\$4,873	
13	Duval	Photovoltaic	7.56	6.426	4/1/10	\$19	\$2,031	
14	Duval	Photovoltaic	5.20	4.420	2/1/10	\$89	\$1,919	
15	St Johns	Photovoltaic	22.20	18.870	3/1/10	\$2	\$1,296	
16	St Johns	Photovoltaic	5.00	4.250	8/1/10	\$243	\$3,358	
17	Duval	Photovoltaic	5.25	4.463	7/1/10	\$0	\$1,175	
18	St Johns	Photovoltaic	25.11	21.344	3/1/11	\$426	\$9,081	Balance transfers to residential account
19	St Johns	Photovoltaic	20.25	17.213	3/1/11	\$643	\$11,923	
20	St Johns	Photovoltaic	6.00	5.100	4/1/11	\$0	\$61	
21	Duval	Photovoltaic	8.90	7.565	4/1/11	\$488	\$2,671	
22	Duval	Photovoltaic	2.55	2.169	4/5/11	\$22	\$405	
23	St Johns	Photovoltaic	5.00	4.250	8/22/11	\$14	\$1,109	
24	St Johns	Photovoltaic	6.00	5.100	8/24/11	\$40	\$420	
25	St Johns	Photovoltaic	7.00	5.950	11/1/11	\$96	\$4,016	
26	Duval	Photovoltaic	36.50	31.025	11/7/12	\$2,160	\$12,133	Net-Meter not read until January '13
27	St Johns	Photovoltaic	5.00	4.250	2/1/13	\$206	\$1,351	
28	St Johns	Photovoltaic	10.83	9.205	7/26/13	\$329	\$1,343	
29	St Johns	Photovoltaic	4.90	4.165	7/29/13	\$2	\$544	

128	St Johns	Photovoltaic	6.71	5.704	1/31/20	\$686	\$1,286							
129	Duval	Photovoltaic	9.90	8.415	2/12/20	\$525	\$1,965							
130	St Johns	Photovoltaic	4.48	3.808	3/17/20	\$434	\$1,325							
131	St Johns	Photovoltaic	6.83	5.801	5/4/20	\$241	\$241							
132	Duval	Photovoltaic	8.80	7.480	5/22/20	\$480	\$575							
133	Duval	Photovoltaic	12.28	10.438	5/29/20	\$235	\$330							
134	Duval	Photovoltaic	8.78	7.463	5/29/20	\$56	\$947							
135	Duval	Photovoltaic	49.80	42.330	6/2/20	\$1,261	\$1,356							
136	Duval	Photovoltaic	8.78	7.463	6/2/20	\$101	\$196							
137	Duval	Photovoltaic	10.40	8.840	6/8/20	\$265	\$265							
138	St Johns	Photovoltaic	13.43	11.416	6/24/20	\$97	\$192							
139	St Johns	Photovoltaic	147.00	124.950	6/26/20	\$125	\$125							
140	St Johns	Photovoltaic	147.00	124.950	6/26/20	\$585	\$680							
141	Duval	Photovoltaic	10.24	8.704	8/18/20	\$105	\$200							
142	Duval	Photovoltaic	11.30	9.605	9/21/20	\$203	\$298							
143	Duval	Photovoltaic	11.56	9.826	9/29/20	\$56	\$56							
144	Duval	Photovoltaic	8.20	6.970	10/15/20	\$89	\$184							
145	Duval	Photovoltaic	11.05	9.393	11/10/20	\$11	\$11							
Total			1733.66	1473.61		\$66,893	\$242,139							

Customer #	TOTAL kWh Customer Delivered to Grid	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
1	3,675	329	360	419	599	380	345	227	165	175	184	201	291
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	89	8	11	11	15	11	6	2	2	8	4	6	5
4	424	35	84	67	53	65	21	9	4	7	6	18	55
5	9,844	645	601	1,106	1,116	1,336	882	755	689	612	659	762	681
6	1	0	0	1	0	0	0	0	0	0	0	0	0
7	624	55	157	162	68	82	28	14	1	2	12	27	16
8	2	0	0	0	1	0	1	0	0	0	0	0	0
9	2,566	173	215	0	497	237	273	236	231	126	173	188	217
10	2,300	193	204	254	208	242	197	205	188	156	156	158	139
11	2,575	289	281	244	309	208	229	144	130	152	153	175	261
12	3,407	240	274	450	354	399	264	232	234	223	228	266	243
13	188	31	35	39	33	19	1	1	0	0	1	7	21
14	898	27	48	83	137	111	120	66	48	50	79	64	65
15	20	0	3	2	9	3	3	0	0	0	0	0	0
16	2,442	139	140	234	347	305	350	190	146	133	158	122	178
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	4,240	160	160	360	400	560	840	320	440	320	280	200	200
19	6,480	640	560	880	960	880	1,040	480	320	240	160	160	160
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	4,889	349	381	572	566	684	420	379	377	300	299	273	289
22	214	15	32	26	4	22	22	12	2	3	11	41	24
23	143	5	9	10	12	56	35	7	4	4	1	0	0
24	414	0	23	12	94	53	69	48	25	29	33	19	9

25	967	85	100	161	137	141	15	20	31	37	50	93	97	
26	21,600	1,440	1,360	1,840	2,960	2,400	2,240	1,840	1,840	1,680	1,360	1,120	1,520	
27	2,072	225	103	202	353	234	320	213	137	128	49	36	72	
28	3,285	278	318	464	394	380	440	228	135	138	102	137	271	
29	23	0	0	5	6	10	2	0	0	0	0	0	0	
30	1,446	272	274	265	204	155	110	28	27	7	4	7	93	
31	726	23	17	48	108	98	130	87	63	47	53	40	12	
32	1,093	128	127	163	158	152	131	28	11	31	42	34	88	
33	2,398	255	233	247	278	207	273	85	0	171	195	203	251	
34	1,106	33	45	81	191	148	94	92	105	94	88	72	63	
35	908	38	76	156	138	197	78	83	42	22	28	26	24	
36	8,252	593	681	758	914	890	852	639	707	485	475	539	719	
37	2,618	223	237	375	285	332	225	197	183	162	156	148	95	
38	7,296	617	598	945	705	944	580	512	484	455	458	469	529	
39	5,349	336	410	534	458	672	443	480	512	403	376	382	343	
40	10,334	813	741	1,171	1,177	992	988	686	637	676	774	780	899	
41	6,279	264	361	572	828	768	875	556	494	404	393	417	347	
42	324	20	20	23	79	32	56	48	13	7	6	13	7	
43	2,347	187	242	334	255	234	282	166	129	138	118	102	160	
44	2,014	219	223	289	190	222	125	91	83	84	121	193	174	
45	3,352	235	341	435	494	387	344	236	101	128	198	174	279	
46	3,402	174	228	300	413	370	337	256	402	267	186	247	222	
47	3,697	261	207	505	241	420	542	280	234	257	244	223	283	
48	5,998	543	533	591	716	587	763	427	341	375	308	399	415	
49	3,690	358	428	481	483	460	210	186	145	152	167	204	416	
50	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	146	146	0	0	0	0	0	0	0	0	0	0	0	
52	3,757	350	374	510	483	414	429	245	196	147	154	172	283	
53	5,016	706	661	611	829	575	489	214	173	162	132	193	271	
54	12,480	1,200	1,120	1,000	1,600	1,400	1,840	880	760	760	520	680	720	
55	3,884	321	382	530	408	556	439	151	0	111	338	343	305	
56	10,408	394	512	774	1,195	1,048	1,163	1,108	1,115	924	876	727	572	
57	12,706	952	924	1,128	1,488	1,491	1,917	1,239	898	829	585	968	287	
58	6,694	820	644	771	987	703	517	618	327	362	313	284	348	
59	3,672	204	245	475	429	553	346	274	243	190	227	237	249	
60	4,630	342	338	517	537	505	504	399	332	247	269	306	334	
61	3,869	312	308	350	387	461	305	314	323	317	237	258	297	
62	19,373	281	1,239	1,626	2,707	1,970	1,735	1,842	2,471	1,924	1,122	1,120	1,336	
63	13,020	709	1,095	1,428	1,807	1,780	1,193	1,026	1,261	811	190	715	1,005	
64	6,363	213	413	543	751	999	609	521	581	438	394	492	409	
65	6,496	274	480	599	775	811	588	571	579	479	418	496	426	
66	5,054	254	333	387	510	553	629	478	452	344	318	324	472	
67	8,324	759	784	774	872	771	894	512	540	522	490	583	823	
68	5,454	333	0	966	491	648	513	598	478	380	350	379	318	
69	3,173	233	237	393	380	426	287	249	155	166	197	215	235	
70	641	73	81	87	114	78	124	63	21	0	0	0	0	
71	3,300	353	339	312	516	324	406	139	89	162	132	201	327	
72	11,237	1,371	1,441	1,684	1,564	1,049	1,012	547	571	585	757	656	0	
73	562	115	11	50	74	81	48	23	55	30	26	21	28	

74	5,511	470	562	576	618	533	524	436	347	314	275	424	432
75	8,722	686	971	989	944	1,249	657	419	413	388	533	663	810
76	6,041	367	421	672	560	801	509	628	479	403	442	405	354
77	5,466	437	413	627	517	581	456	444	396	415	386	446	348
78	2,046	87	116	133	236	0	590	188	199	152	130	110	105
79	5,363	448	526	598	648	551	417	423	303	297	305	414	433
80	3,373	240	230	246	396	358	391	280	288	214	284	212	234
81	4,266	281	296	359	511	355	407	276	333	283	497	0	668
82	7,693	734	631	693	949	781	913	560	431	437	419	516	629
83	1,676	182	159	144	215	169	203	118	72	83	84	93	154
84	8,556	458	652	849	791	1,134	791	779	804	626	499	544	629
85	3,977	320	369	407	577	447	436	223	223	157	271	247	300
86	3,839	191	236	399	571	452	473	319	310	233	250	186	219
87	7,822	595	539	663	909	893	1,135	842	747	660	464	213	162
88	2,698	154	223	332	274	380	266	270	278	194	144	132	51
89	5,728	601	525	602	754	578	667	378	277	275	285	345	441
90	8,440	600	640	680	1,200	880	840	720	720	520	520	480	640
91	15,240	1,280	1,080	1,320	1,920	1,040	2,280	1,760	1,040	1,120	960	920	520
92	466	6	20	36	67	78	107	42	34	26	26	13	11
93	1,512	83	116	165	208	216	188	126	120	89	62	69	70
94	3,081	148	179	274	445	350	306	255	254	239	221	195	215
95	3,710	292	251	305	394	311	389	309	231	231	341	336	320
96	3,736	286	286	285	411	361	463	263	304	259	249	243	326
97	14,586	833	1,132	1,220	1,726	1,527	1,333	1,363	1,421	1,086	943	1,018	984
98	5,222	497	530	627	435	484	390	425	382	296	306	369	481
99	5,747	380	463	469	687	604	734	502	509	394	330	314	361
100	3,184	235	250	376	545	348	345	197	172	144	169	134	269
101	7,703	399	527	787	888	1,078	659	848	623	505	464	486	439
102	6,200	1,048	483	684	491	604	238	408	382	396	451	496	519
103	15,579	946	1,026	1,371	1,579	1,574	2,050	1,181	1,235	1,301	1,090	966	1,260
104	7,079	443	474	485	767	692	891	654	674	567	468	446	518
105	4,087	227	283	344	546	449	428	306	291	337	311	251	314
106	3,370	371	422	441	547	361	338	121	117	124	103	191	234
107	11,201	681	683	862	1,475	1,356	1,440	880	865	739	689	685	846
108	9,570	409	595	708	1,305	1,205	919	926	918	724	682	648	531
109	7,056	633	613	873	658	929	553	535	489	389	432	453	499
110	2,114	57	72	129	253	230	354	251	195	176	188	102	107
111	7,363	610	639	697	829	704	863	535	548	518	435	333	652
112	2,338	151	176	250	337	234	245	180	126	126	179	153	181
113	3,858	233	271	352	591	523	504	308	160	151	185	275	305
114	1,536	47	64	122	208	321	232	122	91	72	72	89	96
115	10,028	536	552	829	905	1,194	866	1,073	989	834	671	781	798
116	7,817	589	630	618	852	735	839	608	779	597	506	460	604
117	7,263	548	629	660	428	344	335	594	795	809	647	642	832
118	5,429	281	292	269	684	596	716	197	138	1,428	309	233	286
119	5,528	388	447	490	770	667	766	470	348	345	297	244	296
120	5,436	347	344	340	577	449	686	469	496	375	320	435	598
121	7,673	266	811	1,015	1,118	714	707	482	421	396	504	627	612
122	5,566	42	390	510	801	742	679	486	396	333	355	370	462

123	7,146	0	485	983	1,101	0	1,095	531	575	550	516	552	758	
124	5,399	200	463	0	915	783	952	0	578	313	345	449	401	
125	4,270	48	437	652	0	0	0	671	722	515	383	456	386	
126	4,026	0	71	407	628	880	573	288	238	185	227	219	310	
127	4,070	0	70	494	579	408	407	476	400	324	278	273	361	
128	6,756	0	0	276	633	585	689	856	810	794	690	629	794	
129	5,385	0	0	214	1,063	894	1,128	438	408	344	294	320	282	
130	4,329	0	0	0	449	568	441	578	484	507	448	416	438	
131	2,474	0	0	0	191	693	854	84	81	84	64	95	328	
132	4,550	0	0	0	0	0	154	996	846	657	570	683	644	
133	2,234	0	0	0	0	0	43	592	287	416	320	276	300	
134	533	0	0	0	0	0	357	28	20	9	16	25	78	
135	11,960	0	0	0	0	0	0	0	5,120	2,240	1,680	1,360	1,560	
136	957	0	0	0	0	0	0	268	223	118	118	116	114	
137	2,512	0	0	0	0	0	121	425	410	431	434	354	337	
138	918	0	0	0	0	0	0	0	266	200	114	121	217	
139	1,600	0	0	0	0	0	0	0	400	0	1,200	0	0	
140	7,200	0	0	0	0	0	0	0	2,400	4,000	400	400	0	
141	997	0	0	0	0	0	0	0	0	145	158	257	437	
142	1,922	0	0	0	0	0	0	0	0	0	426	744	752	
143	533	0	0	0	0	0	0	0	0	0	0	279	254	
144	843	0	0	0	0	0	0	0	0	0	0	434	409	
145	102	0	0	0	0	0	0	0	0	0	0	0	102	
TOTAL kWh	668,481	42,059	47,207	61,300	76,527	70,254	69,920	53,212	57,913	51,387	44,027	44,980	49,695	668,481
Customer #	TOTAL kWh Delivered to Customer	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
1	5,729	369	443	256	215	331	413	596	752	642	623	608	481	
2	28,373	2,134	1,918	1,922	2,074	2,188	2,668	2,644	2,757	2,584	2,704	2,200	2,580	
3	24,799	1,824	1,611	1,390	1,860	1,883	2,284	2,518	2,773	2,395	2,193	2,008	2,060	
4	20,217	1,090	1,487	1,080	1,101	1,242	2,059	2,434	2,689	2,580	1,727	1,676	1,052	
5	8,606	987	968	461	453	362	511	996	871	852	708	605	832	
6	31,438	2,282	2,220	1,881	2,092	2,325	2,383	2,733	3,328	3,187	3,727	2,616	2,664	
7	20,892	1,706	1,106	1,417	1,413	1,446	1,968	2,381	2,172	2,256	1,848	1,530	1,649	
8	34,598	2,434	2,376	2,085	2,030	2,899	2,856	2,931	4,073	3,563	3,304	2,819	3,228	
9	28,707	1,886	1,414	1,000	2,722	2,509	2,547	2,899	3,039	3,164	3,541	2,415	1,571	
10	9,694	781	594	784	742	843	858	1,047	911	921	837	743	633	
11	14,924	841	722	708	977	1,269	1,302	1,487	1,921	1,550	1,621	1,307	1,219	
12	14,000	1,254	904	969	998	1,000	1,380	1,389	1,248	1,437	1,207	1,146	1,068	
13	21,999	1,048	1,192	954	1,194	1,348	2,216	2,520	3,283	2,768	2,196	1,906	1,374	
14	17,443	1,273	1,259	1,065	1,018	1,062	1,252	1,808	2,023	1,542	1,828	1,599	1,714	
15	132,607	10,042	10,377	9,521	9,664	10,071	9,718	12,982	16,336	9,727	12,590	10,441	11,138	
16	8,779	650	786	791	509	450	610	696	906	1,036	898	785	662	
17	32,749	2,715	2,030	2,271	2,771	3,013	2,352	5,344	2,905	3,171	1,861	2,462	1,854	
18	49,360	3,640	5,080	3,840	3,280	2,520	3,480	4,480	5,600	4,920	5,360	3,840	3,320	
19	32,880	2,320	2,000	2,240	2,240	2,240	2,640	2,880	3,360	3,280	3,680	3,040	2,960	
20	37,200	3,240	3,080	2,360	2,000	2,520	3,040	3,480	4,360	3,800	4,080	2,800	2,440	

21	9,839	690	624	590	626	595	911	1,193	960	1,178	835	949	688
22	27,895	1,962	1,707	1,963	2,072	1,996	2,489	3,214	2,829	3,375	2,364	2,146	1,778
23	38,016	2,561	2,757	2,422	2,370	1,341	3,219	3,382	3,925	3,765	4,212	3,286	4,776
24	20,615	1,123	944	929	1,133	940	1,450	2,008	3,469	3,104	2,443	1,847	1,225
25	15,159	667	529	345	374	725	2,644	3,118	2,308	1,603	1,086	966	794
26	30,800	2,400	2,800	2,240	1,920	1,920	2,240	2,960	2,880	2,800	3,200	3,040	2,400
27	28,777	2,656	3,508	3,006	1,882	1,558	1,495	2,058	2,291	2,204	3,170	2,575	2,374
28	17,606	1,453	1,251	1,130	1,000	982	1,474	1,489	2,119	1,761	2,109	1,528	1,310
29	15,149	1,518	1,394	1,192	849	751	1,175	1,289	1,756	1,650	1,637	1,229	709
30	25,066	1,084	1,170	1,143	1,341	1,374	2,012	2,115	2,421	3,423	3,864	3,226	1,893
31	13,194	1,014	1,277	1,166	1,058	936	975	1,196	1,358	1,344	1,343	698	829
32	35,654	3,147	2,662	2,530	2,506	2,424	2,557	3,703	3,621	3,467	3,281	3,081	2,675
33	9,140	597	575	602	626	667	616	911	1,465	894	934	670	583
34	8,928	808	795	699	528	601	1,008	940	839	763	766	541	640
35	19,243	1,367	1,224	1,035	1,300	1,047	1,625	1,846	2,213	2,462	1,945	1,907	1,272
36	3,957	110	229	158	233	219	359	435	604	492	633	304	181
37	12,036	891	513	648	781	796	1,134	1,271	1,224	1,462	1,129	1,043	1,144
38	11,835	1,077	1,046	827	768	621	986	1,276	1,125	1,107	834	930	1,238
39	6,607	402	435	334	453	440	596	799	741	771	569	615	452
40	41,340	3,509	2,724	2,663	3,057	3,267	3,511	3,837	4,220	3,917	3,901	3,339	3,395
41	11,506	1,241	1,149	992	558	581	971	1,009	1,245	1,242	1,160	660	698
42	15,082	1,034	1,040	1,574	1,006	1,236	1,109	1,254	1,373	1,566	1,639	1,238	1,013
43	14,968	922	742	752	1,111	1,088	1,515	1,370	1,687	1,513	1,557	1,335	1,376
44	14,792	1,085	880	916	1,013	977	1,476	1,721	1,655	1,781	1,287	1,032	969
45	19,663	1,215	848	834	1,133	1,423	1,642	2,179	2,326	2,264	2,364	1,890	1,545
46	7,207	544	669	503	477	568	630	833	661	694	640	441	547
47	19,124	1,552	1,476	1,122	1,313	1,265	1,435	1,733	2,061	1,840	2,009	1,684	1,634
48	15,757	1,544	1,246	1,040	812	940	991	1,441	1,933	1,442	1,948	1,123	1,297
49	19,116	1,440	1,646	1,273	1,233	1,404	1,672	1,986	1,981	1,850	1,705	1,723	1,203
50	17,908	1,228	1,404	1,098	1,199	1,129	1,550	1,737	1,952	1,949	1,711	1,499	1,452
51	230	128	102	0	0	0	0	0	0	0	0	0	0
52	10,759	866	975	957	573	580	692	812	1,048	1,137	1,317	945	857
53	14,256	438	550	441	566	785	1,355	1,476	1,766	1,772	1,872	1,492	1,743
54	26,920	1,800	1,640	2,400	1,480	1,560	1,840	2,400	3,040	3,280	3,320	2,120	2,040
55	13,246	952	700	905	1,048	987	919	1,802	1,642	1,479	1,065	925	822
56	14,229	1,271	1,125	1,042	1,077	916	1,098	1,241	1,118	1,208	1,295	1,406	1,432
57	13,015	854	735	822	598	558	298	1,470	1,680	1,333	2,076	1,911	680
58	20,979	1,285	1,340	1,221	919	1,324	1,811	1,962	2,079	2,202	2,903	2,140	1,793
59	11,833	1,061	1,438	912	456	449	769	1,084	1,359	1,576	918	688	1,123
60	14,613	1,176	1,186	924	938	972	1,192	1,273	1,429	1,457	1,543	1,241	1,282
61	6,592	661	628	490	522	664	380	676	584	574	552	476	385
62	19,208	3,850	1,190	1,474	536	2,176	1,475	1,432	1,097	1,105	2,222	1,974	677
63	13,766	796	1,300	748	572	771	953	1,378	1,580	1,714	1,893	1,104	957
64	11,666	1,200	1,010	990	851	724	791	1,058	1,375	1,128	921	777	841
65	7,237	453	445	409	547	524	662	764	982	803	619	491	538
66	3,190	278	279	224	177	161	180	286	423	389	382	266	145
67	7,485	549	542	620	537	547	660	793	768	711	795	454	509
68	11,293	973	500	981	844	725	927	1,107	1,123	1,228	1,079	937	869
69	4,235	295	332	224	174	185	347	558	655	584	361	258	262

70	15,615	997	1,000	849	934	1,126	1,052	1,194	1,732	1,637	1,608	1,414	2,072	
71	2,944	159	150	108	79	163	150	259	410	437	431	301	297	
72	21,755	1,517	1,418	1,248	1,303	1,439	1,868	1,974	2,303	2,213	2,287	1,906	2,279	
73	14,151	944	1,476	1,137	978	806	1,343	1,343	1,456	1,368	1,151	1,155	994	
74	11,550	708	711	634	843	791	978	983	1,074	1,289	1,226	1,277	1,036	
75	28,379	2,007	2,168	1,861	2,008	1,849	2,653	2,805	2,860	3,385	2,351	2,315	2,117	
76	12,239	1,650	1,009	1,032	596	716	914	1,070	1,004	1,152	976	1,069	1,051	
77	8,407	632	529	534	651	636	764	974	878	863	658	679	609	
78	13,969	1,181	1,405	1,192	889	250	1,654	1,216	1,723	1,428	1,393	904	734	
79	8,492	769	642	529	574	524	634	865	906	894	792	678	685	
80	10,700	914	1,037	809	788	626	714	1,108	1,026	1,154	1,000	812	712	
81	9,079	820	1,054	829	733	762	772	898	1,052	890	1,099	0	170	
82	8,159	634	725	679	508	416	446	763	909	910	1,007	587	575	
83	9,377	550	577	636	535	555	791	846	1,204	1,128	1,030	783	742	
84	14,983	1,099	829	645	1,008	825	1,281	1,586	1,665	1,976	1,562	1,430	1,077	
85	12,968	946	890	695	839	768	960	1,376	1,298	1,447	1,699	1,130	920	
86	15,621	1,138	1,212	987	1,025	1,211	1,225	1,388	1,529	1,490	1,520	1,444	1,452	
87	10,376	1,146	1,012	1,168	615	317	302	472	850	771	1,326	1,296	1,101	
88	16,579	1,151	935	995	1,685	1,247	1,369	1,534	1,476	1,597	1,461	1,628	1,501	
89	11,435	908	933	779	595	682	716	1,032	1,394	1,259	1,324	909	904	
90	15,480	1,040	1,200	1,280	800	1,040	1,040	1,320	1,160	1,560	1,960	1,720	1,360	
91	31,680	2,920	3,160	2,440	1,760	2,760	1,600	2,120	3,240	2,760	3,240	2,560	3,120	
92	6,463	758	511	395	468	483	431	590	602	576	675	478	496	
93	17,971	1,398	1,368	1,160	1,096	1,170	1,457	1,502	1,572	1,817	1,594	1,806	2,031	
94	6,059	649	558	460	382	406	475	531	536	525	563	487	487	
95	5,145	383	431	454	315	361	431	524	774	734	352	143	243	
96	5,750	301	375	311	340	463	382	603	723	695	631	443	483	
97	11,507	640	818	683	611	659	988	1,173	1,415	1,343	1,083	1,001	1,093	
98	17,389	1,156	1,136	1,226	1,649	1,474	1,532	1,639	1,504	1,668	1,600	1,648	1,157	
99	8,339	582	687	615	550	442	471	776	1,132	888	973	665	558	
100	15,072	1,299	1,466	1,018	841	913	1,031	1,338	1,444	1,624	1,610	1,467	1,021	
101	12,116	1,021	947	884	589	601	893	1,224	1,399	1,347	1,244	1,045	922	
102	7,157	560	443	442	533	534	759	811	664	796	602	537	476	
103	25,293	2,435	1,699	1,810	1,791	1,517	1,698	2,023	2,378	2,848	2,862	2,318	1,914	
104	13,924	725	806	716	846	1,118	1,152	1,243	1,609	1,473	1,655	1,331	1,250	
105	6,151	474	599	503	185	283	431	498	732	510	802	682	452	
106	19,176	1,337	1,114	1,324	1,129	1,109	1,181	1,998	2,001	1,874	2,311	1,992	1,806	
107	29,142	2,631	3,007	2,622	1,868	1,549	2,283	2,852	3,008	2,839	3,095	1,918	1,470	
108	12,567	1,101	1,070	875	725	777	830	1,066	1,497	1,452	882	1,021	1,271	
109	7,992	547	447	481	545	494	684	945	823	927	761	698	640	
110	21,833	1,744	1,778	1,381	1,513	1,424	1,583	2,054	2,281	2,020	2,662	1,626	1,767	
111	13,607	999	1,211	983	842	919	1,181	1,112	1,380	1,380	1,343	1,088	1,169	
112	8,742	735	541	462	525	629	777	914	990	988	868	697	616	
113	5,882	292	380	298	283	252	405	724	924	814	802	461	247	
114	7,084	419	336	288	381	335	529	792	947	850	982	719	506	
115	9,103	918	818	739	561	523	674	802	838	852	907	716	755	
116	7,623	651	709	508	486	420	508	606	761	747	817	711	699	

