



FILED VIA ELECTRONIC MAIL

March 30, 2022

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

**Re: City of Jacksonville Beach, dba Beaches Energy – CY2021 Rule 25-6.065(10),
F.A.C. Report on Customer-Owned Renewable Generation, Interconnection
and Net Metering**

Lydia or Daniel:

On behalf of the City of Jacksonville Beach dba Beaches Energy, 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 2021

Name of Utility	Beaches Energy Services
Contact:	Caroline Jenkins
Title:	Accountant
Telephone:	(904) 247-6148
E-Mail:	cjenkins@beachesenergy.com
Date:	12/31/2021

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	5.17	3/1/07	\$369	\$7,568	
2	St Johns	Photovoltaic	1.20	1.02	07/01/06	\$0	\$59	
3	Duval	Photovoltaic	4.00	3.40	10/29/07	\$4	\$584	
4	Duval	Photovoltaic	5.10	4.34	12/15/07	\$88	\$5,615	Customer applies credit to water bill
5	Duval	Photovoltaic	11.76	10.00	4/1/08	\$1,032	\$9,835	
6	St Johns	Photovoltaic	5.00	4.25	7/8/08	\$0	\$1,043	
7	Duval	Photovoltaic	6.84	5.81	7/1/08	\$3	\$4,433	
8	St Johns	Photovoltaic	4.00	3.40	8/15/08	\$0	\$597	
9	St Johns	Photovoltaic	10.00	8.50	9/30/08	\$237	\$3,639	
10	Duval	Photovoltaic	5.10	4.34	1/1/09	\$244	\$6,613	
11	St Johns	Photovoltaic	5.52	4.69	3/3/09	\$388	\$4,987	
12	Duval	Photovoltaic	4.40	3.74	1/1/10	\$281	\$5,568	
13	Duval	Photovoltaic	7.56	6.43	4/1/10	\$16	\$2,074	
14	Duval	Photovoltaic	5.20	4.42	2/1/10	\$136	\$2,178	
15	St Johns	Photovoltaic	22.20	18.87	3/1/10	\$10	\$1,310	
16	St Johns	Photovoltaic	5.00	4.25	8/1/10	\$311	\$3,998	
17	Duval	Photovoltaic	5.25	4.46	7/1/10	\$0	\$1,175	
18	St Johns	Photovoltaic	25.11	21.34	3/1/11	\$498	\$10,055	Balance transfers to residential account
19	St Johns	Photovoltaic	20.25	17.21	3/1/11	\$371	\$13,662	
20	St Johns	Photovoltaic	6.00	5.10	4/1/11	\$4	\$70	
21	Duval	Photovoltaic	8.90	7.57	4/1/11	\$363	\$3,575	
22	Duval	Photovoltaic	2.55	2.17	4/5/11	\$18	\$432	
23	St Johns	Photovoltaic	5.00	4.25	8/22/11	\$10	\$1,136	
24	St Johns	Photovoltaic	6.00	5.10	8/24/11	\$28	\$5,985	
25	St Johns	Photovoltaic	7.00	5.95	11/11/11	\$104	\$4,498	
26	Duval	Photovoltaic	36.50	31.03	11/7/12	\$2,547	\$17,101	Net-Meter not read until January '13
27	St Johns	Photovoltaic	5.00	4.25	2/1/13	\$185	\$1,742	
28	St Johns	Photovoltaic	10.83	9.20	7/26/13	\$379	\$2,078	
29	St Johns	Photovoltaic	4.90	4.17	7/29/13	\$0	\$550	
30	St Johns	Photovoltaic	6.37	5.41	7/29/13	\$82	\$3,060	
31	St Johns	Photovoltaic	7.65	6.50	1/23/14	\$65	\$1,870	
32	St Johns	Photovoltaic	7.04	5.98	4/28/14	\$158	\$1,385	
33	St Johns	Photovoltaic	3.78	3.21	8/11/14	\$348	\$2,368	
34	Duval	Photovoltaic	4.37	3.71	8/26/14	\$71	\$1,156	
35	Duval	Photovoltaic	7.95	6.76	8/29/14	\$70	\$974	
36	St Johns	Photovoltaic	6.94	5.90	9/11/14	\$890	\$5,957	
37	Duval	Photovoltaic	5.60	4.76	9/12/14	\$129	\$2,490	
38	Duval	Photovoltaic	10.46	8.89	10/13/14	\$1,001	\$6,145	

29	0	0	0	0	0	0	0	0	0	0	0	0	0						
30	743	39	54	114	131	107	70	41	18	20	34	46	69						
31	604	8	9	23	82	108	117	80	59	47	44	19	8						
32	1,410	92	133	123	124	204	209	95	37	36	95	107	155						
33	3,035	263	213	195	283	288	246	267	233	201	306	304	236						
34	639	36	20	57	99	46	92	45	64	56	50	33	41						
35	633	27	30	117	157	103	55	19	32	33	28	24	8						
36	7,744	701	486	673	738	963	864	442	521	503	622	644	587						
37	1,083	140	73	148	123	99	91	54	58	61	54	92	90						
38	8,717	782	467	875	1,032	1,021	887	582	531	593	662	605	680						
39	5,387	371	306	532	567	671	602	410	382	393	402	424	327						
40	11,614	1,031	766	965	1,685	1,398	1,317	602	804	638	723	807	878						
41	6,443	144	162	392	597	804	922	728	598	477	603	657	359						
42	460	24	14	39	71	30	97	32	24	24	27	37	41						
43	2,535	178	163	261	327	352	218	139	186	154	171	131	255						
44	2,109	238	166	286	257	222	130	92	92	104	164	173	185						
45	3,654	292	284	380	704	390	644	263	155	206	169	50	117						
46	2,436	193	200	282	264	0	18	263	317	273	234	226	166						
47	4,075	189	225	477	306	583	347	159	335	288	386	380	400						
48	6,216	432	519	438	655	709	683	541	339	420	409	505	566						
49	4,835	465	436	595	702	576	341	145	161	220	252	417	525						
50	0	0	0	0	0	0	0	0	0	0	0	0	0						
51	0	0	0	0	0	0	0	0	0	0	0	0	0						
52	3,196	250	232	370	365	396	271	145	136	137	187	284	423						
53	3,007	206	189	274	428	419	398	207	129	109	142	273	233						
54	10,480	640	480	680	1,320	1,880	1,920	1,120	720	400	320	440	560						
55	3,898	366	252	558	527	75	337	393	313	293	184	346	254						
56	8,245	429	498	681	890	693	662	412	575	799	1,162	865	579						
57	8,910	679	870	802	1,084	1,052	1,231	765	312	477	372	526	740						
58	8,699	566	680	634	1,188	1,174	1,083	651	382	373	487	710	771						
59	3,867	189	278	510	619	452	489	229	177	184	236	231	273						
60	4,434	341	335	431	564	501	537	207	245	287	268	287	431						
61	3,434	329	310	420	543	445	372	135	139	164	139	163	275						
62	19,029	847	1,072	1,045	1,852	2,539	2,528	1,484	1,567	2,101	1,422	1,681	891						
63	12,669	764	933	1,468	1,705	1,674	1,364	718	671	729	701	967	975						
64	6,400	224	259	579	862	879	794	409	453	414	476	630	421						
65	6,389	300	402	634	832	812	715	427	490	370	455	514	438						
66	4,212	363	315	422	500	461	633	392	230	148	228	306	214						
67	9,681	710	557	771	813	974	1,088	675	679	975	847	843	749						
68	6,024	412	372	639	605	721	667	500	487	0	961	370	290						
69	3,237	219	220	383	378	317	418	246	186	197	234	212	227						
70	195	0	0	0	0	0	0	0	19	24	31	63	58						
71	3,656	324	388	314	489	454	433	212	145	155	151	291	300						
72	10,421	642	954	1,192	1,294	1,275	860	556	386	455	669	883	1,255						
73	466	28	30	60	67	89	86	40	17	32	8	8	1						
74	5,433	479	530	573	668	507	452	194	345	342	340	465	538						
75	8,203	544	828	1,181	1,058	933	774	372	432	380	409	617	675						
76	6,312	441	300	638	657	766	701	435	431	448	517	520	458						
77	4,725	388	0	1,005	558	552	423	272	254	0	600	339	334						
78	1,249	54	55	64	122	0	373	164	119	115	79	80	24						
79	5,438	471	478	615	648	561	508	268	324	281	373	416	495						
80	3,684	222	183	257	397	401	374	655	0	305	358	347	185						
81	5,467	466	355	451	630	599	558	321	354	354	402	551	426						
82	8,013	604	680	596	912	874	869	644	457	434	501	737	705						
83	1,655	158	144	137	208	183	163	106	118	66	70	150	152						
84	9,007	505	607	880	934	970	1,084	620	719	756	708	677	547						
85	4,867	317	311	432	600	728	579	308	306	222	345	357	362						
86	3,818	148	173	291	503	537	471	177	297	338	345	291	247						

87	7,119	268	371	361	778	828	1,050	848	581	628	761	399	246						
88	2,165	0	40	394	246	341	321	178	170	195	94	31	155						
89	6,474	512	587	473	861	800	737	447	277	330	353	530	567						
90	8,080	520	560	640	920	920	960	560	640	520	680	560	600						
91	14,560	680	800	1,120	1,640	2,040	1,560	1,720	1,000	1,080	1,160	1,360	400						
92	990	5	10	37	56	103	221	135	124	86	89	74	50						
93	1,569	140	117	142	216	172	413	117	0	52	63	76	61						
94	2,529	175	191	247	427	320	276	116	147	138	153	220	119						
95	3,771	216	199	217	390	393	384	322	323	288	336	405	298						
96	3,968	322	267	273	396	449	437	279	288	290	285	401	281						
97	15,556	805	930	1,359	1,761	1,862	1,614	958	1,273	1,265	1,337	1,521	871						
98	5,917	607	412	738	749	661	429	361	304	319	390	469	478						
99	4,631	327	274	326	534	655	443	301	311	309	342	488	321						
100	3,092	210	252	302	442	461	385	169	180	93	164	221	213						
101	7,072	331	433	730	825	848	878	366	564	536	633	533	395						
102	6,295	626	454	745	657	624	502	376	341	434	499	538	499						
103	15,914	934	898	1,301	1,574	1,782	1,852	1,470	1,271	1,184	1,346	1,292	1,010						
104	8,521	454	412	517	759	893	946	726	670	697	843	997	607						
105	4,030	244	231	321	552	532	431	269	262	216	304	390	278						
106	3,502	263	383	329	581	502	375	220	117	119	109	207	297						
107	13,306	648	565	756	1,455	1,799	1,703	1,203	1,146	945	1,131	1,007	948						
108	10,159	420	505	892	1,164	1,273	1,169	705	876	807	808	816	724						
109	7,736	680	520	866	819	891	772	518	520	494	566	570	520						
110	11,275	289	660	845	1,367	1,408	1,337	907	783	797	1,037	991	854						
111	7,919	613	550	575	738	924	1,079	469	641	506	583	613	628						
112	2,604	170	170	206	331	309	337	146	206	156	212	180	181						
113	4,060	258	224	361	515	547	511	283	253	229	301	276	302						
114	2,587	103	119	203	332	369	407	215	241	122	164	201	111						
115	11,001	735	713	1,102	1,152	1,095	1,119	660	885	893	909	864	874						
116	6,720	671	495	563	801	659	650	460	455	461	484	535	486						
117	6,901	612	629	363	597	620	674	511	510	558	606	760	461						
118	3,159	277	226	270	363	402	342	210	174	153	207	299	236						
119	4,796	301	356	495	745	418	110	498	356	377	368	427	345						
120	6,989	577	502	558	783	963	979	547	0	11	533	910	626						
121	8,335	565	563	695	1,020	889	865	435	496	588	853	703	663						
122	5,423	437	385	460	721	623	549	328	363	298	404	402	453						
123	8,875	749	683	877	958	974	885	568	535	490	579	746	831						
124	3,566	540	398	718	516	2	265	145	211	288	363	120	0						
125	6,329	385	353	603	668	836	698	540	459	489	470	467	361						
126	7,656	306	389	636	838	824	714	603	647	562	728	770	639						
127	4,764	358	306	417	548	539	611	313	330	283	372	318	369						
128	9,773	685	851	685	1,020	973	1,006	1,020	381	841	680	864	767						
129	4,326	224	252	410	471	495	564	330	349	342	321	297	271						
130	6,971	384	443	437	707	793	869	734	505	572	522	538	467						
131	3,125	388	352	379	383	334	381	65	22	74	101	209	437						
132	6,802	626	622	997	1,039	924	626	318	425	410	321	262	232						
133	4,474	499	506	566	465	453	352	201	193	270	376	297	296						
134	661	139	98	101	101	48	25	5	9	5	13	19	98						
135	26,080	880	1,000	1,800	3,040	3,120	3,400	2,360	0	4,240	2,360	2,120	1,760						
136	2,727	114	129	441	423	454	354	161	159	175	170	102	45						
137	5,371	332	295	480	740	710	726	484	497	443	286	192	186						
138	3,320	198	265	227	336	416	545	161	199	144	290	263	276						
139	0	0	0	0	0	0	0	0	0	0	0	0	0						
140	0	0	0	0	0	0	0	0	0	0	0	0	0						
141	3,873	551	301	482	372	342	199	110	122	189	300	447	458						
142	10,998	681	521	838	1,231	1,366	1,358	687	908	865	884	875	784						
143	172	15	9	20	29	12	33	7	5	4	10	16	12						
144	7,992	388	464	860	903	1,075	919	663	573	538	593	613	403						

145	5,765	95	112	196	422	485	322	519	740	690	771	739	674						
146	6,960	0	3,600	3,360	0	0	0	0	0	0	0	0	0						
147	5,330	0	331	631	794	739	584	327	384	355	451	487	247						
148	5,425	0	190	620	907	1,081	1,036	415	66	53	144	421	492						
149	4,466	0	17	404	596	602	634	432	374	341	467	340	259						
150	5,058	0	0	227	942	806	592	394	327	261	287	681	541						
151	2,386	0	0	0	298	446	360	261	187	161	290	239	144						
152	2,771	0	0	0	0	586	505	290	124	108	209	390	559						
153	4,928	0	0	0	0	0	821	773	661	576	680	847	570						
154	4,655	0	0	0	0	0	786	551	737	625	624	657	675						
155	4,191	0	0	0	0	0	650	472	649	596	612	611	601						
156	437	0	0	0	0	1	4	3	49	117	87	91	85						
157	3,067	0	0	0	0	0	201	325	463	543	602	517	416						
158	4,778	0	0	0	0	0	367	712	833	868	756	832	410						
159	4,053	0	0	0	0	0	179	545	694	643	744	647	601						
160	0	0	0	0	0	0	0	0	0	0	0	0	0						
161	1,210	0	0	0	0	0	0	153	193	173	209	238	244						
162	3,247	0	0	0	0	0	0	120	58	582	789	986	712						
163	7,120	0	0	0	0	0	0	400	1,360	1,280	1,760	1,360	960						
164	198	0	0	0	0	0	0	0	0	1	1	95	101						
165	3,817	0	0	0	0	0	0	0	30	982	1,153	991	661						
166	1,808	0	0	0	0	0	0	0	50	458	480	457	363						
167	914	0	0	0	0	0	0	0	0	274	217	288	135						
168	3,052	0	0	0	0	0	0	0	0	769	895	725	663						
169	1,223	0	0	0	0	0	0	0	0	0	0	356	867						
170	363	0	0	0	0	0	0	0	0	0	0	248	115						
171	750	0	0	0	0	0	0	0	0	0	0	338	412						
172	365	0	0	0	0	0	0	0	0	0	0	237	128						
173	229	0	0	0	0	0	0	0	0	0	0	31	198						
174	601	0	0	0	0	0	0	0	0	0	0	131	470						
175	0	0	0	0	0	0	0	0	0	0	0	0	0						
176	697	0	0	0	0	0	0	0	0	0	0	82	615						
177	367	0	0	0	0	0	0	0	0	0	0	0	367						
TOTAL kWh	807,222	47,518	50,748	70,829	88,056	90,028	88,866	58,482	52,772	59,182	66,003	70,453	64,285	807,222					
Customer #	TOTAL kWh Delivered to Customer	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21						
1	7,300	555	567	388	304	479	596	745	911	883	914	555	403						
2	27,016	2,343	2,316	2,420	1,829	1,724	2,104	2,662	2,669	2,719	2,166	1,920	2,144						
3	26,579	2,228	1,724	1,664	1,930	2,130	2,253	2,620	2,628	2,628	2,391	2,477	1,906						
4	17,146	1,384	1,326	816	809	1,204	1,819	1,872	2,133	2,234	1,781	1,001	767						
5	8,369	1,422	722	611	628	403	477	837	801	750	606	577	535						
6	28,883	2,604	2,334	1,664	1,754	1,862	2,195	3,286	2,975	2,758	2,972	2,260	2,219						
7	21,494	2,361	1,472	1,442	1,443	1,659	1,966	2,214	2,271	2,299	1,695	1,386	1,286						
8	23,765	2,668	2,783	2,526	1,625	1,489	1,970	1,953	2,153	1,588	1,468	1,375	2,167						
9	25,897	1,652	1,498	1,265	1,429	1,305	1,925	2,830	3,442	2,980	3,232	2,426	1,913						
10	9,699	830	657	704	698	709	834	1,036	933	1,040	807	733	718						
11	15,310	841	762	716	849	1,147	1,196	1,661	2,063	1,557	1,836	1,699	983						
12	13,191	1,287	1,018	789	877	980	1,274	1,303	1,289	1,384	1,169	908	913						
13	21,286	1,409	1,200	1,111	1,262	1,739	2,061	2,352	2,932	2,611	1,954	1,710	945						
14	19,905	2,400	2,040	1,785	1,290	1,272	1,427	1,902	1,979	1,828	1,658	1,007	1,317						
15	93,100	8,765	7,517	6,324	6,280	8,639	7,026	8,831	8,816	8,579	8,097	6,781	7,445						
16	7,800	667	654	594	472	450	550	817	755	849	720	687	585						
17	26,876	2,548	2,020	1,554	1,768	1,589	2,507	2,356	2,330	2,916	2,895	2,382	2,011						
18	47,200	3,720	4,800	4,040	2,960	2,160	3,040	4,440	4,800	4,960	4,520	4,120	3,640						
19	29,440	2,080	2,080	2,080	2,160	2,160	2,560	3,120	2,880	3,040	2,560	2,480	2,240						

20	34,880	3,040	2,760	2,360	1,920	1,560	2,720	3,440	3,840	4,320	3,240	3,160	2,520						
21	11,295	765	604	584	589	637	986	1,393	1,562	1,571	1,189	766	649						
22	27,594	3,002	2,071	1,843	1,747	2,052	3,032	3,581	3,062	2,630	1,950	1,163	1,461						
23	38,085	3,878	2,817	2,949	2,017	1,979	2,439	3,133	3,504	4,668	4,160	3,906	2,635						
24	35,359	2,220	2,259	1,819	962	2,070	0	4,967	4,619	4,542	4,845	3,880	3,176						
25	14,242	1,031	529	863	665	555	359	4,381	1,952	1,564	1,105	618	620						
26	28,320	2,640	2,320	2,240	1,600	1,680	2,000	2,560	2,800	2,880	2,960	2,560	2,080						
27	32,548	2,942	3,309	2,375	1,576	1,577	1,880	3,097	2,826	3,424	3,624	3,178	2,740						
28	17,976	1,860	1,569	1,406	900	607	1,029	1,638	2,050	2,269	1,982	1,482	1,184						
29	14,881	1,202	1,101	990	831	792	1,143	1,638	1,852	1,494	1,544	1,147	1,147						
30	21,084	2,356	2,059	1,604	1,151	1,178	1,520	1,875	2,122	2,241	1,805	1,532	1,641						
31	14,104	1,813	1,749	1,325	952	696	764	943	1,223	1,140	1,235	961	1,303						
32	30,689	3,189	3,421	2,764	2,226	1,820	2,010	2,528	2,938	3,461	2,452	1,878	2,002						
33	6,785	503	1,015	557	595	421	666	498	401	883	207	482	557						
34	12,535	1,140	1,189	876	818	1,024	1,055	1,072	1,296	1,136	1,232	933	764						
35	18,919	1,779	1,248	997	922	1,249	1,882	2,462	2,113	1,805	1,963	1,394	1,105						
36	4,620	138	544	222	329	189	337	457	694	526	476	381	327						
37	15,747	1,236	1,182	1,010	1,160	1,373	1,515	1,562	1,596	1,776	1,299	970	1,068						
38	11,053	1,866	1,629	1,254	692	560	674	858	828	779	662	682	569						
39	6,070	612	376	302	303	353	510	726	689	813	649	426	311						
40	36,608	2,967	2,757	2,493	2,558	2,349	2,817	3,063	3,383	3,333	4,067	3,574	3,247						
41	11,968	1,814	1,476	1,334	745	495	602	859	997	1,195	808	652	991						
42	13,851	1,524	1,167	1,110	1,256	1,132	1,109	1,292	1,254	1,391	1,011	833	772						
43	14,482	1,040	972	1,079	845	886	1,527	1,855	1,345	1,403	1,351	1,343	836						
44	12,940	1,051	907	646	748	896	1,400	1,453	1,452	1,504	1,159	893	831						
45	14,807	1,062	1,068	1,056	1,076	418	712	937	1,305	1,520	1,546	1,976	2,131						
46	8,508	824	910	489	440	700	699	626	877	821	684	785	653						
47	16,333	1,391	1,367	1,256	1,222	771	1,159	1,785	1,682	1,881	1,554	1,194	1,071						
48	15,697	1,655	1,682	1,188	1,020	848	924	1,353	1,615	1,591	1,418	1,297	1,106						
49	17,544	1,437	1,397	1,031	994	1,294	1,491	1,829	2,160	1,914	1,706	1,256	1,035						
50	23,739	1,672	1,493	1,676	1,747	1,467	2,130	2,090	2,410	2,303	2,809	2,157	1,785						
51	0	0	0	0	0	0	0	0	0	0	0	0	0						
52	11,739	1,258	1,118	985	720	684	798	1,170	1,142	1,265	1,006	836	757						
53	22,039	2,042	2,923	2,065	1,587	1,411	1,436	1,568	2,003	1,785	1,746	1,453	2,020						
54	34,880	2,960	4,960	3,600	1,960	960	1,320	2,240	3,000	3,880	3,920	3,400	2,680						
55	14,378	959	922	940	812	1,426	1,452	1,261	1,351	1,629	1,562	1,028	1,036						
56	22,570	1,712	1,526	1,559	1,687	1,961	2,001	1,918	2,153	1,810	2,068	2,028	2,147						
57	21,317	1,385	1,171	949	1,210	1,118	1,149	2,264	3,068	2,688	3,035	2,178	1,102						
58	17,421	1,403	1,683	1,143	924	781	976	1,651	2,140	2,477	1,799	1,358	1,086						
59	11,333	1,887	1,423	963	452	603	646	883	1,087	1,115	856	673	745						
60	16,134	1,465	1,397	1,214	902	1,045	1,308	1,579	1,663	1,632	1,473	1,296	1,160						
61	8,721	578	583	496	466	555	607	1,060	977	1,082	994	728	595						
62	17,931	1,343	1,093	2,748	1,455	772	619	1,262	2,615	1,249	1,919	1,209	1,647						
63	15,280	1,487	1,511	739	623	698	956	1,540	2,231	1,827	1,588	1,288	792						
64	12,224	1,309	1,580	1,307	722	490	596	1,009	1,520	1,316	1,110	636	629						
65	7,038	577	498	314	273	389	575	771	983	1,058	749	512	339						
66	3,861	222	370	184	150	267	158	173	757	760	271	183	366						
67	6,699	507	812	654	569	482	485	736	634	169	512	508	631						
68	10,000	916	642	707	663	782	835	994	924	500	1,309	778	950						
69	4,452	419	443	255	144	251	331	499	584	634	397	247	248						
70	25,230	2,739	2,086	1,897	2,636	2,996	2,392	1,894	2,207	1,683	1,703	1,733	1,264						
71	2,839	188	169	127	114	119	184	322	393	394	381	280	168						
72	19,149	1,773	1,333	1,263	1,014	849	1,371	2,050	2,246	2,473	2,017	1,474	1,286						
73	14,341	1,444	1,162	899	769	821	1,174	1,330	1,562	1,540	1,344	1,191	1,105						
74	11,874	895	800	756	734	799	1,219	1,304	1,255	1,206	1,093	1,008	805						
75	25,855	2,682	2,192	1,665	1,598	2,053	2,416	2,715	2,553	2,681	2,075	1,666	1,559						
76	13,109	1,391	1,313	1,141	830	713	1,057	1,245	1,144	1,295	965	862	1,153						
77	10,415	775	0	866	604	753	928	1,303	1,190	1,000	1,391	900	705						

78	14,606	1,675	1,131	1,346	923	900	1,247	1,217	1,417	1,269	1,337	1,116	1,028					
79	9,432	957	849	632	617	600	659	952	954	1,045	891	657	619					
80	8,363	1,161	933	880	645	607	746	1,246	0	1,009	619	364	153					
81	4,920	206	325	233	152	221	371	629	778	694	666	459	186					
82	8,130	860	1,057	715	509	391	449	733	753	833	709	574	547					
83	9,257	664	742	550	465	527	714	1,065	1,084	1,147	1,032	677	590					
84	13,998	859	1,179	855	838	922	1,368	1,517	1,756	1,525	1,286	1,133	760					
85	12,880	1,485	1,093	821	727	597	884	1,334	1,519	1,479	1,316	994	631					
86	16,862	1,908	1,501	1,284	1,118	864	1,271	1,698	1,817	1,413	1,578	1,255	1,155					
87	10,926	1,238	1,572	1,144	1,033	1,209	588	660	764	914	435	726	643					
88	20,995	2,163	1,570	1,046	1,748	1,524	1,546	1,981	1,613	1,904	2,091	2,518	1,291					
89	10,039	898	951	643	491	498	604	977	1,106	1,165	1,109	895	702					
90	18,400	2,080	1,680	1,600	1,080	1,080	1,160	1,680	1,360	1,800	1,680	1,560	1,640					
91	33,680	3,320	3,400	2,160	2,200	1,600	2,880	2,400	2,800	2,320	4,080	2,400	4,120					
92	8,212	828	751	635	593	547	519	684	780	681	809	659	726					
93	16,616	1,771	1,418	1,236	1,135	1,291	528	1,837	1,701	1,694	1,420	1,154	1,431					
94	9,170	682	565	513	495	533	764	909	1,026	968	1,184	623	908					
95	4,579	476	722	468	292	256	371	509	264	548	264	167	242					
96	4,953	401	502	525	293	352	294	485	657	398	479	301	266					
97	8,444	1,323	1,142	696	628	337	527	688	766	765	642	572	358					
98	15,870	1,348	1,251	959	956	1,159	1,547	1,509	1,612	1,736	1,731	1,155	907					
99	7,733	772	676	577	315	278	413	729	1,033	992	934	662	352					
100	16,238	1,659	1,334	1,170	1,161	1,145	924	1,225	1,617	1,955	1,724	1,157	1,167					
101	13,845	1,160	860	773	637	777	955	1,613	1,591	1,806	1,326	1,088	1,259					
102	5,990	673	431	403	351	441	540	630	624	619	440	353	485					
103	26,943	1,872	1,915	2,006	1,529	1,512	2,288	2,607	2,556	2,759	2,792	2,567	2,540					
104	11,025	1,081	863	778	636	700	856	1,091	1,267	1,210	1,130	935	478					
105	5,392	602	607	435	66	197	384	462	699	670	549	320	401					
106	21,271	1,507	1,787	1,561	1,158	1,079	1,566	2,041	2,311	2,330	2,256	2,039	1,636					
107	24,105	3,326	2,930	2,805	1,938	1,202	1,342	1,545	1,850	1,871	1,662	1,268	2,366					
108	13,075	1,595	1,438	974	798	878	939	1,184	1,278	1,295	989	1,009	698					
109	7,842	635	486	480	499	504	647	810	788	893	713	697	690					
110	20,461	2,228	1,963	1,503	1,327	1,317	1,421	2,076	2,148	2,042	1,653	1,374	1,409					
111	10,792	1,217	1,384	1,079	645	595	691	1,028	1,007	903	779	716	748					
112	7,548	792	711	548	418	444	560	757	806	833	708	515	456					
113	7,325	562	995	522	231	257	452	694	798	788	998	697	331					
114	4,588	523	403	236	161	144	231	380	428	640	600	426	416					
115	9,649	805	864	738	552	648	740	1,075	1,010	1,016	817	697	687					
116	11,255	771	848	670	581	1,084	949	1,036	1,258	1,009	1,091	1,323	635					
117	24,182	2,392	2,558	2,284	1,906	1,639	1,696	1,862	2,103	1,953	1,736	1,503	2,550					
118	4,834	572	529	466	290	236	251	371	498	485	435	393	308					
119	15,714	1,588	1,204	1,064	880	1,221	1,680	1,296	1,710	1,397	1,421	1,330	923					
120	12,690	1,252	899	859	703	666	673	1,139	1,822	1,647	1,189	901	940					
121	11,095	1,236	928	807	673	615	756	1,019	1,217	1,059	1,030	855	900					
122	8,467	577	867	635	421	423	671	850	1,070	1,024	951	626	352					
123	10,262	809	696	648	579	650	912	1,152	1,077	1,308	932	772	727					
124	23,084	1,386	1,340	1,379	1,807	2,440	2,051	2,502	2,404	1,815	1,599	2,043	2,318					
125	10,211	1,259	934	821	710	581	811	970	829	779	867	883	767					
126	6,695	972	575	466	398	408	592	584	609	697	606	416	372					
127	8,947	848	836	594	460	544	555	924	921	969	834	661	801					
128	10,541	686	782	750	613	715	668	902	1,282	1,182	1,056	1,021	884					
129	3,075	400	357	277	165	142	195	250	278	308	254	213	236					
130	5,498	353	346	268	233	237	288	537	725	953	657	552	349					
131	19,610	1,568	1,166	1,086	1,068	985	1,020	2,266	4,235	2,157	1,638	1,356	1,065					
132	9,876	836	838	673	481	648	620	1,496	1,373	1,028	659	557	667					

