DEZECHILIBRUL SISTEMULUI

MWh

Interval/Data	1/11/2023	2/11/2023	3/11/2023	4/11/2023	5/11/2023	6/11/2023	7/11/2023	8/11/2023	9/11/2023	10/11/2023	11/11/2023	12/11/2023	13/11/2023	14/11/2023	15/11/2023	16/11/2023	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023	22/11/2023	23/11/2023	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023	29/11/2023	30/11/2023
1	69,473	-34,806	-25,162	-141,335	31,027	-7,708	-25,208	3,549	-115,395	-36,564	-37,472	-30,290	92,554	-53,179	-54,003	-8,213	-26,838	-84,230	-143,374	-7,497	16,010	-90,211	-13,378	-15,273	-95,757	-75,865	-86,242	-46,630	-33,710	35,103
2	69,301	-35,319	-9,915	-143,597	50,557	23,086	-22,298	6,803	-136,107	-29,815	-34,340	-34,862	84,505	-64,041	-74,201	33,922	-12,898	-90,038	-95,500	7,105	22,487	-69,064	-25,475	3,932	-88,452	-77,376	-79,133	-63,749	-56,240	16,531
3	67,608	-25,918	-10,230	-137,952	96,616	99,786	3,371	26,802	-130,169	-8,302	-9,018	-11,319	46,703	-25,240	-58,056	46,059	-13,184	-68,525	-74,399	16,401	42,848	-45,964	-31,364	4,307	-75,496	-45,912	-62,172	-46,457	-29,071	19,495
4	62,666	-33,921	2,199	-139,407	103,714	137,808	-15,486	9,690	-128,529	-5,740	5,385	-2,660	46,987	-39,251	-46,935	52,174	-6,329	-54,242	-27,788	43,036	41,341	-17,663	-39,036	7,890	-49,291	-10,028	-67,604	-34,010	-29,084	22,656
5	113,594	-20,458	-26,773	-80,362	97,692	112,235	-12,614	-23,317	-140,521	-14,787	50,620	-25,808	24,694	-44,186	-47,881	-6,612	-46,466	-14,898	-16,839	74,669	-19,338	15,611	-40,918	-3,204	-70,762	-32,203	-75,562	-85,819	-17,953	-2,370
6	85,857	-9,005	-12,867	-65,497	90,975	96,294	-31,904	-21,080	-149,931	-3,871	36,306	-36,196	19,772	-40,517	-16,964	-16,869	-35,668	-6,035	-8,913	64,479	-34,041	16,375	-45,086	-27,460	-90,278	-25,777	-89,757	-90,012	-19,722	-27,250
7	57,613	-0,636	-2,328	-41,311	95,109	105,388	-6,491	-33,902	-119,704	0,407	52,063	-33,226	13,740	-4,899	-25,102	-13,466	-28,730	-0,749	-3,423	65,044	-57,708	24,976	-63,165	-16,113	-73,768	-6,043	-79,169	-87,421	-0,101	-36,739
8	47,479	6,779	7,957	-1,759	108,181	128,786	-4,747	-32,654	-131,319	10,156	45,089	-19,169	14,248	-0,673	-18,172	-29,612	-26,643	11,638	1,177	60,443	-34,616	12,796	-46,159	4,337	-65,709	18,924	-69,473	-78,742	14,863	-50,518
9	85,097	0,561	-6,203	0,309	131,041	105,149	-11,345	-48,665	-119,577	-6,999	39,154	-29,291	32,712	-6,908	3,664	-71,401	-21,415	-10,395	-9,701	54,185	-36,197	-12,234	-41,912	7,438	-62,402	0,765	-72,557	-76,308	-31,244	-59,598
10	63,949	9,645	-9,688	29,212	148,894	119,303	2,261	-68,448	-113,242	-9,330	32,170	-27,050	11,524	2,614	-8,135	-84,173	-24,165	-18,096	-16,676	71,683	-31,893	6,491	-45,328	14,880	-41,703	-5,260	-79,676	-73,615	-49,329	-67,382
11	19,957	6,071	-7,509	38,526	141,130	117,339	4,027	-70,356	-90,445	-10,031	35,923	-29,788	14,598	6,432	21,811	-69,710	-21,337	-14,256	-13,064	53,797	-20,060	-3,162	-36,750	16,634	-11,777	5,505	-66,174	-63,905	-21,700	-53,664
12	-8,892	20,782	-4,192	39,144	124,055	105,135	4,465	-95,362	-72,293	1,368	61,736	-24,231	18,411	7,890	-4,993	-66,789	-6,950	-19,056	0,135	61,147	-22,398	-6,976	-48,696	12,747	-3,507	-7,671	-35,570	-70,596	-6,718	-74,099
13	9,160	4,753	-13,923	47,172	130,817	109,031	21,922	-75,950	-71,347	-13,841	57,886	-45,113	28,335	26,377	28,591	-56,934	-19,590	-65,244	-13,798	54,513	-57,656	-14,295	15,762	2,005	2,066	32,529	-42,333	-64,590	-16,714	-60,400
14	0,170	6,512	-14,167	91,914	131,468	82,508	9,774	-108,054	-50,630	-16,520	90,060	-31,269	19,216	57,941	9,028	-58,257	-13,457	-81,305	-5,515	30,976	-38,378	1,303	-2,096	3,008	-4,680	-19,655	-34,940	-68,111	-35,629	-64,611
15	-24,374	13,207	-13,771	95,374	120,598	55,482	23,766	-121,994	-34,381	-3,210	79,685	-22,163	15,889	74,563	8,643	-31,072	0,675	-51,277	-25,528	-1,776	-52,306	-14,224	-15,969	13,354	-4,177	-30,714	-21,846	-81,883	-22,895	-54,605
16	-43,819	16,001	-9,821	88,183	136,385	73,061	22,921	-127,111	-54,509	7,673	73,304	-19,755	10,810	84,559	-35,738	-41,728	1,808	-54,140	-13,709	-12,780	-30,056	8,250	-57,831	20,081	-4,578	-22,859	-35,417	-82,997	-41,749	-68,703
17	-20,835	21,978	-13,279	91,912	137,316	83,436	29,397	-120,036	-29,403	5,058	44,527	-19,875	25,645	97,544	4,286	-30,476	-11,315	-59,240	-8,940	-5,716	-37,406	-2,932	-11,624	34,385	-1,121	-45,716	-37,088	-63,709	-23,928	-63,491
18	-51,921	11,665	-10,567	130,616	145,320	95,069	8,607	-110,103	-26,677	3,025	44,906	-25,462	-4,291	93,713	-23,995	-35,633	1,787	-76,375	13,506	5,381	-38,525	16,717	4,310	19,615	-7,550	-74,011	-46,108	-68,675	-41,688	-70,156
19	-28,538	20,062	-24,671	121,545	131,823	75,453	0,631	-110,162	-31,381	3,196	32,597	-34,077	-5,578	74,142	-51,360	-47,099	10,170	-70,725	-7,135	15,630	-25,720	24,593	-51,726	27,614	-19,914	-102,165	-56,949	-71,382	-43,793	-63,019
20	-15,123	19,659	-17,473	107,664	126,367	84,673	-2,800	-85,529	-37,101	0,099	8,573	-45,501	-4,775	54,834	-52,845	-74,123	29,214	-58,327	-3,587	23,967	-46,385	36,073	-53,199	16,647	-19,146	-151,931	-55,439	-72,782	-51,405	-72,524
21	3,597	35,419	-9,883	95,961	144,111	116,277	-8,298	-61,071	3,216	1,777	-16,369	-31,512	8,651	51,307	10,618	-20,708	45,124	-85,625	-32,257	27,247	-86,817	75,420	-12,678	71,845	-16,240	-117,876	-36,489	-48,032	-30,185	-45,446
22	-22,095	17,729	-26,812	56,750	121,536	113,792	-9,830	-70,713	2,624	-6,814	10,134	-20,733	-6,815	47,437	1,394	-28,138	47,742	-92,285	-33,457	18,744	-92,312	57,813	-34,765	38,086	-15,379	-136,347	-58,373	-69,808	-32,235	-53,000
23	-18,409	13,323	-30,623	-1,764	104,811	79,582	-25,215	-117,720	-17,214	-15,629	0,340	-19,231	-9,859	46,579	6,745	-45,455	55,401	-93,762	-51,813	-28,209	-102,391	70,247	-65,956	3,242	-20,023	-178,103	-77,802	-79,375	-15,180	-51,445
24	-17,149	19,061	-41,057	-29,751	116,498	48,082	-41,861	-125,206	-38,708	-41,579	-22,677	-33,317	-27,701	63,856	26,740	-77,745	54,258	-56,652	-47,069	-49,088	-119,290	47,371	-102,450	-12,240	-7,357	-209,284	-119,613	-109,874	-57,561	-59,389
25	26,678	56,488	-15,599	-37,531	131,266	123,837	10,455	-103,585	25,922	-15,241	-20,243	-25,199	30,654	95,012	101,751	-5,602	82,311	-40,822	-87,592	51,424	-49,170	122,805	-0,540	76,021	0,240	-202,526	-35,036	-46,459	11,623	-34,901
26	34,217	43,555	-11,377	-43,498	118,006	86,161	-19,323	-124,799	0,783	-34,366	-13,210	-31,199	-5,399	65,668	56,863	-32,272	22,834	-32,618	-89,413	29,854	-77,675	76,890	-45,469	43,118	-13,928	-205,233	-79,121	-59,666	-43,870	-39,701
27	64,600	31,833	4,268	-62,167	111,175	32,317	-61,540	-145,005	-1,726	-41,794	-2,157	-39,157	-58,703	47,630	6,356	-79,687	6,092	-6,511	-135,026	-12,910	-126,344	47,376	-80,180	19,291	-15,580	-213,634	-104,701	-80,564	-63,854	-45,552
28	76,478	46,676	-2,687	-62,449	86,511	-16,925	-82,992	-144,448	-27,615	-71,496	9,521	-35,037	-99,135	9,624	-32,917	-106,968	-32,338	13,900	-140,438	-78,228	-121,193	-23,899	-114,682	-14,581	-29,221	-216,085	-158,252	-158,710	-114,483	-64,979
29	124,185	94,737	73,267	-45,824	99,436	62,220	-27,566	-43,395	72,556	-14,074	19,769	7,755	0,531	42,624	35,345	17,902	21,283	10,929	-137,107	28,488	-9,694	70,875	-23,009	62,413	-8,586	-169,846	-68,391	-42,286	-33,048	-14,548
30	90,898	84,695	66,298	-42,186	105,710	24,612	-42,297	-64,068	23,749	-26,017	-13,519	-7,250	-47,623	0,555	-5,382	-12,352	15,133	13,267	-120,127	-0,424	-37,744	44,863	-53,017	60,862	-29,027	-180,734	-102,233	-65,551	-57,946	-26,669
31	83,930	69,762	65,891	20,323	93,513	5,270	-32,015	-91,486	18,214	-18,530	-39,834	-23,374	-30,593	-42,252	-30,262	-3,580	-5,099	19,210	-120,824	-35,985	-53,568	36,950	-53,226	-4,395	-59,782	-186,749	-99,635	-92,898	-65,334	-34,672
32	95,752	59,378	86,418	6,566	108,362	-16,098	-40,392	-95,776	-28,410	6,388	-50,203	-11,433	-56,778	-39,500	-22,862	2,016	-20,195	7,001	-118,636	-75,350	-64,913	-9,520	-85,992	-13,810	-60,617	-173,643	-133,195	-124,261	-101,592	-50,440
33	80,862	75,306	89,918	42,911	191,551	10,099	-6,526	-43,928	-1,907	3,139	-6,595	8,768	-31,360	-37,046	-1,366	58,367	12,489	21,485	-126,454	-31,133	-49,126	33,076	-54,098	41,529	-41,526	-119,825	-74,357	-66,196	-35,240	-13,078
34	35,974	72,150	93,627	67,514	188,770	-7,081	17,091	-23,638	-4,143	13,571	-22,299	21,350	-53,299	-12,218	-24,607	20,273	10,597	8,467	-112,580	-56,678	-50,741	5,945	-96,471	3,795	-35,944	-101,234	-102,203	-61,423	-42,482	-14,950
35	34,140	53,079	63,065	52,826	183,155	-26,666	40,489	-38,438	-1,985	25,582	-69,835	20,615	-35,216	-32,730	-34,180	30,917	-18,714	9,391	-89,679	-61,844	-39,305	-35,547	-69,690	-12,354	-68,035	-104,677	-93,908	-48,013	-32,190	-5,116
36	10,673	33,931	20,678	46,341	188,115	-9,966	62,214	-34,444	9,897	27,096	-75,422	32,573	-59,059	-14,248	-35,929	48,293	2,602	-25,433	-50,820	-74,116	-7,321	-55,462	-90,495	-8,639	-98,508	-106,426	-73,609	-54,309	-30,052	-1,341
37	16,187	18,576	-78,214	33,591	166,865	-1,517	61,270	-6,817	14,668	-26,537	-32,433	9,603	-52,543	-3,718	-21,849	22,396	-22,857	-74,334	-26,454	-40,284	-14,954	-44,959	-79,426	4,384	-91,392	-111,041	-30,797	-37,051	-33,537	5,724
38	71,129	7,165	-132,286	46,460	159,870	-2,987	51,026	-26,546	-2,708	-27,119	-46,472	5,891	-55,643	8,237	-12,327	13,195	-25,678	-96,532	9,038	-39,332	-18,481	-73,951	-73,978	6,423	-111,618	-112,665	-55,909	-19,931	-41,980	34,860
39	178,117	-7,688	-72,312	43,528	138,103	34,428	58,882	-48,463	33,707	-42,348	-63,611	14,427	-16,646	-8,727	8,621	45,290	-57,480	-98,880	0,828	-36,031	-11,518	-79,162	-63,083	-11,658	-104,425	-122,830	-43,093	-35,513	-40,281	46,259
40	179,966	-17,974	-26,150	44,784	121,153	45,888	73,401	-43,478	63,830	-12,184	-97,030	29,879	-6,057	24,087	2,216	53,432	-57,482	-101,610	8,807	-34,021	-9,337	-82,123	-46,576	-18,055	-84,114	-117,889	-2,265	-40,046	-33,552	44,362
41	97,766	-33,974	-102,797	-22,572	72,939	43,235	56,747	-21,717	23,516	-125,925	-108,047	-12,392	-9,957	14,629	-42,135	-6,468	-126,423	-152,088	-6,526	-65,811	37,663	-80,516	-57,341	-55,663	-100,698	-143,247	-53,795	-85,866	-61,160	49,166
42	35,006	-20,774	-87,953	-29,779	65,213	-31,537	61,828	-17,820	68,733	-61,225	-133,639	4,106	-38,377	45,848	-41,679	-0,364	-125,409	-128,256	38,806	-73,293	57,752	-90,124	-11,774	-53,656	-75,905	-139,370	-43,188	-73,816	-80,570	68,618
43	37,958	2,380	-67,951	-21,073	67,871	-70,931	80,315	7,955	79,376	24,100	-135,158	22,275	7,502	75,023	-46,043	19,373	-121,718	-118,112	46,511	-69,890	81,427	-102,263	8,757	-55,913	-41,587	-157,937	-28,498	-82,761	-73,576	79,461
44	50,557	7,468	-53,535	-45,227	104,561	-77,190	76,023	20,593	116,880	58,313	-136,102	35,619	29,113	103,381	-27,587	54,392	-104,888	-107,508	62,361	-78,089	84,297	-75,911	44,654	-49,035	-2,372	-148,779	-0,496	-73,993	-66,424	84,973
45	-13,233	14,374	-168,674	-108,045	56,256	-93,629	68,171	24,157	115,629	-28,639	-103,885	3,870	16,160	111,343	-54,954	0,134	-135,845	-178,469	44,946	-87,727	96,515	-94,485	41,486	-16,252	3,731	-128,059	-39,399	-139,957	-50,676	71,375
46	-11,755	-12,928	-168,714	-96,725	71,983	-91,653	60,134	16,146	139,036	10,887	-124,885	13,650	11,469	160,425	-76,119	-12,937	-114,784	-201,615	67,789	-53,625	78,041	-103,600	76,635	-45,001	36,574	-109,716	-28,942	-160,534	-42,346	66,886
47	-7,972	-40,443	-146,825	-98,203	87,694	-57,799	54,518	15,622	129,015	14,549	-120,069	12,470	16,981	154,785	-68,378	4,884	-89,438	-211,706	58,524	-80,093	87,797	-110,000	117,288	-50,625	87,952	-104,069	-14,008	-143,385	-54,278	64,785
48	-10,821	-51,839	-74,262	-75,197	91,635	-50,700	80,364	6,998	179,258	63,686	-77,256	15,904	62,078	201,283	-48,123	15,327	-117,426	-206,950	41,505	-89,433	100,867	-90,999	145,355	-54,651	107,767	-96,029	11,937	-147,089	-72,420	52,832
49	-24,226	-46,681	-109,869	-98,055	66,109	-67,201	71,443	5,215	162,649	4,435	-42,535	17,866	56,535	177,235	-81,104	10,831	-103,440	-218,909	-17,613	-95,754	96,178	-70,786	99,872	-1,614	71,467	-100,892	40,407	-161,479	-80,664	19,071
50	-22,254	-25,573	-107,060	-103,732	93,487	-58,123	51,929	-4,247	156,003	-1,480	-60,345	14,412	49,746	167,457	-102,848	17,365	-112,021	-170,859	-32,181	-77,546	67,227	-76,605	111,003	3,779	72,894	-97,360	-2,714	-171,399	-116,292	18,374
51	-16,943	-27,806	-92,870	-131,598	114,790	-97,770	45,675	11,061	142,003	-1,800	-64,610	9,793	51,764	177,587	-106,465	12,227	-105,095	-113,739	-38,244	-77,676	85,358	-39,467	125,302	-34,208	92,644	-92,399	-16,616	-189,519	-145,227	-2,017
52	2,890	3,963	-96,089	-140,077	135,819	-102,336	29,006	53,309	107,956	-2,465	-85,438	42,459	43,638	156,343	-115,789	6,369	-79,464	-57,393	-37,296	-93,352	39,728	-53,679	138,392	-12,903	87,352	-109,015	11,116	-183,710	-151,792	-8,715
53	22,507	20,747	-90,833	-174,255	117,181	-40,414	46,520	37,910	116,777	-2,979	-101,237	42,912	71,378	87,528	-145,677	-3,774	-87,821	-49,031	-40,134	-53,045	-4,857	-43,488	123,938	-25,575	37,077	-95,743	-32,976	-173,829	-133,870	-18,718
54	11,166	1,414	-112,688	-187,791	95,147	-63,587	45,383	50,585	75,130	-15,374	-122,682	37,749	42,574	77,955	-154,940	-21,450	-91,963	-43,609	-59,106	-60,182	-23,537	-34,730	137,261	-45,444	52,395	-80,504	-20,995	-152,586	-122,842	-13,001
55	16,747	24,137	-110,768	-196,589	92,738	-55,602	56,312	91,673	53,313	-13,865	-110,436	15,295	26,922	35,464	-145,822	-4,248	-88,630	-29,018	-70,154	-70,622	-55,388	-18,471	142,842	-42,038	75,682	-67,889	-43,896	-114,392	-165,364	-34,669
56	47,569	19,769	-97,997	-178,988	82,373	-24,510	57,283	141,376	23,417	-16,842	-97,591	23,744	23,803	3,780	-107,019	-22,187	-100,726	-16,092	-89,338	-84,643	-57,379	9,000	163,563	-33,450	48,321	-50,660	-26,429	-123,732	-173,910	-34,125
57	97,156	36,489	-49,151	-154,714	59,515	90,771	54,087	156,973	58,837	2,895	-73,671	74,091	48,661	-23,571	-115,959	-9,142	-102,039	-19,719	-119,187	-43,581	-49,875	-9,884	95,837	-26,040	10,344	-61,386	-57,281	-119,521	-113,524	-27,050
58	116,730	16,528	-50,456	-111,554	57,225	115,035	53,835	227,329	30,016	-1,701	-57,724	58,407	43,830	-52,597	-78,278	-21,424	-117,247	-11,425	-127,409	-36,808	-56,153	4,444	92,871	-54,656	12,960	-51,059	-47,362	-114,022	-129,390	-27,606
59	116,778	17,855	-43,270	-39,717	42,991	125,569	53,299	237,215	-0,101	-32,129	-28,453	65,298	21,283	-54,547	-9,994	-22,770	-129,510	-9,626	-159,453	-42,457	-51,955	18,425	77,066	-14,543	26,141	-49,283	-60,337	-91,919	-136,668	-41,257
60	127,797	34,380	-59,437	-97,569	33,834	142,261	48,240	213,671	-33,174	-29,192	-22,430	41,995	3,572	-66,016	51,228	-21,510	-145,566	-36,436	-190,281	-58,754	-71,676	13,556	62,756	-5,248	7,677	-58,933	-48,983	-85,880	-120,121	-62,609
61	153,767	56,173	-31,359	-141,380	89,006	194,071	60,305	137,638	39,645	49,471	15,100	78,212	43,476	-42,316	105,747	49,210	-163,914	-54,060	-151,902	-19,378	-33,046	8,953	4,897	52,137	1,198	-52,597	-70,980	-100,624	-118,557	-62,118
62	149,671	52,922	-40,313	-199,876	86,216	167,009	42,518	163,105	11,299	6,424	-10,097	38,809	30,947	-46,496	130,228	18,832	-147,735	-62,062	-168,391	-35,661	-52,767	15,236	6,896	66,592	-10,612	-70,917	-103,765	-111,385	-120,254	-85,365
63	137,040	58,819	-44,779	-200,340	47,981	139,161	13,357	150,547	-30,460	-10,012	-78,880	-2,428	12,736	-61,193	91,110	-27,887	-154,209	-69,880	-194,916	-69,440	-56,281	23,999	-14,311	69,149	-12,600	-102,035	-128,182	-108,075	-113,876	-91,309
64	129,978	65,293	-58,684	-205,268	16,538	94,002	12,736	127,541	-79,529	-33,412	-100,139	-33,884	-20,423	-45,515	77,522	-61,947	-151,765	-70,371	-226,435	-105,281	-84,992	16,277	-20,079	67,350	-56,817	-120,746	-126,120	-106,076	-95,350	-106,350
65	157,164	88,601	-13,756	-103,170	22,257	131,880	46,491	136,050	0,755	2,477	-35,670	41,778	27,390	37,353	53,664	31,832	-165,143	-46,828	-146,052	-90,179	-95,700	0,618	-21,263	108,354	-12,446	-69,682	-88,171	-73,622	-28,334	-82,504
66	116,697	78,557	-37,070	-0,609	14,417	103,358	37,389	109,045	-35,134	-10,358	-8,686	-1,369	-2,764	-4,645	29,778	-4,799	-174,722	-52,438	-144,525	-122,392	-129,085	23,283	-17,347	69,621	-15,491	-90,983	-102,684	-78,408	-13,814	-92,057
67	90,925	37,938	-58,147	33,914	11,627	73,484	13,674	86,360	-61,195	1,269	-22,618	-30,365	0,943	-60,011	43,432	-28,252	-172,958	-78,895	-161,889	-125,240	-135,166	23,936	-18,423	51,250	-33,959	-120,385	-126,752	-106,440	-33,714	-110,283
68	96,901	24,279	-59,435	20,718	-37,562	61,060	-3,220	125,986	-69,966	-1,624	7,974	-62,631	-32,184	-51,749	10,185	-12,967	-201,925	-143,516	-202,895	-173,741	-148,126	3,488	-26,889	27,561	-58,322	-163,493	-129,263	-133,423	-34,865	-122,683
69	170,143	69,227	-17,639	-15,475	-17,521	116,841	29,574	125,937	13,067	28,961	77,128	-12,793	14,482	7,725	26,647	53,817	-202,682	-133,760	-82,745	-110,104	-98,027	28,784	-15,823	79,064	-41,740	-202,435	-88,837	-94,353	-13,333	-98,654
70	133,009	50,781	-5,774	-36,052	-46,697	91,775	1,532	96,576	-41,336	9,283	30,478	-35,903	-14,210	-35,450	-11,709	5,528	-183,338	-184,933	-103,193	-143,002	-108,953	29,958	-15,044	53,656	-47,924	-188,115	-103,687	-81,644	18,764	-65,869
71	77,682	21,448	-41,706	-24,462	-83,210	55,947	-25,165	86,260	-81,310	-27,117	-23,124	-75,716	-34,062	-52,842	-27,376	-10,379	-205,170	-197,173	-110,388	-162,871	-108,521	22,400	-10,647	19,046	-49,673	-192,332	-110,592	-117,292	10,116	-32,895
72	102,019	12,164	-57,497	-0,738	-78,559	9,105	-43,258	73,202	-84,736	-66,221	-37,435	-100,528	-37,294	-56,627	-21,785	-8,398	-222,140	-214,482	-124,001	-186,415	-117,883	18,256	-3,623	11,306	-21,904	-187,415	-99,218	-114,968	23,195	-2,231
73	171,257	67,486	-83,663	58,108	-51,847	48,888	-66,655	155,473	-47,002	-6,985	-19,186	-23,860	-34,829	36,333	-21,722	14,696	-207,010	-188,908	-84,581	-107,023	-73,317	26,454	-4,471	18,253	-9,834	-118,382	-56,109	-75,077	10,366	21,289
74	176,799	63,612	-114,316	60,990	-52,324	57,360	-50,690	176,918	-44,479	-7,013	-17,359	-46,242	-41,260	38,106	-30,811	36,205	-191,707	-318,494	-107,598	-108,809	-65,532	16,953	5,240	47,597	-6,319	-100,694	-37,223	-44,224	14,332	53,588
75	152,769	52,433	-101,232	70,459	-44,918	58,879	-16,756	179,770	-44,818	-20,830	10,387	-75,147	-50,263	43,851	-15,931	47,947	-171,006	-391,232	-123,549	-129,482	-66,802	11,760	24,885	47,442	16,525	-99,671	-28,960	-52,078	28,495	83,347
76	161,501	40,142	-113,899	71,471	-22,834	81,175	7,013	169,189	-30,023	-55,882	18,788	-75,126	-29,714	72,892	-26,217	43,391	-162,139	-386,597	-141,017	-124,078	-81,600	31,448	35,572	77,591	15,177	-102,504	-11,306	-38,925	58,109	103,795
77	182,681	-2,104	-91,567	87,355	-14,704	94,962	-38,554	167,182	-36,377	-52,988	-58,064	4,788	-54,201	72,984	-62,475	33,599	-160,240	-394,585	-78,642	-144,408	-88,700	16,796	27,672	102,624	9,083	-77,458	-23,909	-56,844	24,480	36,054
78	172,390	5,642	-94,244	102,236	15,412	96,768	-18,920	131,193	-30,233	-75,549	-36,964	-2,024	-47,794	88,412	-48,954	19,468	-170,565	-416,727	-97,577	-169,106	-83,423	40,045	32,769	108,757	9,171	-81,829	-21,047	-51,487	38,643	49,804
79	154,359	-4,227	-100,284	100,792	10,217	80,328	-25,791	105,006	-28,148	-99,332	-4,338	-11,844	-51,842	65,840	-9,858	-0,127	-157,054	-419,338	-105,446	-164,228	-83,862	56,993	32,680	95,839	9,217	-79,809	-23,863	-52,332	51,648	69,762
80	124,122	-0,372	-99,684	89,670	38,519	64,124	-14,772	84,919	-16,630	-105,192	32,678	-12,548	-59,855	53,540	-40,956	-3,627	-155,834	-427,459	-101,176	-158,610	-75,994	56,836	26,296	101,597	27,014	-77,432	-16,044	-39,455	68,162	58,138
81	72,584	-19,351	-111,495	6,383	19,387	67,852	-43,233	36,515	-38,950	-88,295	-38,471	7,787	-78,842	4,728	-85,332	-12,297	-208,319	-437,354	-84,663	-133,047	-59,843	27,633	-22,313	100,500	10,027	-106,474	-46,584	-75,241	54,765	31,540
82	42,621	-36,641	-107,394	-9,417	-5,767	64,706	-37,251	11,179	-22,957	-87,071	14,897	-0,636	-71,886	17,948	-57,050	-27,246	-208,861	-412,528	-96,078	-127,519	-54,405	16,570	-18,732	96,970	1,347	-92,530	-42,208	-67,293	76,602	35,478
83	34,259	-30,406	-103,932	-2,294	-6,502	56,702	16,869	41,272	-21,226	-63,164	58,087	0,106	-67,064	30,540	-54,662	-14,515	-206,908	-385,120	-100,374	-103,562	-32,101	47,100	-5,635	81,234	32,754	-81,954	-32,730	-46,976	103,270	56,560
84	13,933	-23,616	-78,658	-25,105	26,626	60,218	53,496	21,500	-1,993	0,119	89,036	15,081	-40,121	33,879	-40,750	10,503	-192,218	-352,444	-80,913	-87,458	-24,302	69,333	-6,373	91,492	41,577	-65,374	-37,279	-37,416	123,377	61,