Preturi finale unice de dezechilibru luna noiembrie 2021, pe baza VM

lei/MWh

Interval/Data	11/1/2021	11/2/2021	11/3/2021	11/4/2021	11/5/2021	11/6/2021	11/7/2021	11/8/2021	11/9/2021	11/10/2021	11/11/2021	11/12/2021	11/13/2021	11/14/2021	11/15/2021	11/16/2021	11/17/2021	11/18/2021	11/19/2021	11/20/2021	11/21/2021	11/22/2021	11/23/2021	11/24/2021	11/25/2021	11/26/2021	11/27/2021	11/28/2021	11/29/2021	11/30/2021
1	129.79			2769.60		1908.31	-61.74		-262.07	117.97	1689.41	-435.68	1883.98	2282.13	1804.44		1643.19	1622.45	1587.17	1483.56	47.70	67.34	1241.32	1501.59	2098.90	-613.34	-660.35	1474.63	1798.92	-516.23
2	47.86				2001.46	2406.46	-263.91		104.50	29.26	2395.42	-747.80	1971.69	-238.33		-1253.86	2076.09	1956.49	2280.08	1532.96	288.03	42.01	1527.97	1517.76	-815.12	70.12	-634.27	1597.47	71.15	-689.09
3	-5.95	-33.61	-133.75		1746.03	1962.76	-15.22	2367.37	-0.45	66.53	1647.22	-1497.65	2421.49	-2548.76	1473.31	71.98	1882.49	1959.25	-597.70	1453.53	-14.17	36.54	2017.22	2364.00	-33.47	81.56		1632.06	61.02	-689.21
4	-30.11	-24.64	-7.70	-20.02	2318.98		120.64	1207.17	-111.62	99.83	-728.24	-558.18	2401.55			55.93	1936.46	2662.59	-1328.69	1440.10	7.87	-58.46	-322.20	2578.84	-361.94	64.73		1481.74	31.70	-1384.41
5	-497.72	53.73		1444.62	1285.52	2060.43		73.77		49.65	1451.62	200.80	1539.59	46.74	-554.03		1420.27	1719.37	1587.62	1432.24	133.82		1412.96	1898.42	1625.75	70.95			-97.05	-989.95
6	25.40	-48.05	-147.98		1426.40	2393.16	58.62	-35.44	13.52	15.89		45.94	1629.41	-105.84	356.09		1662.14	1896.85	2028.49	1419.01	76.65		1625.10	2069.71	1955.17	197.17		1617.44	48.53	-2546.82
7	-125.25	-17.00	-80.78	1431.04	1257.98	1936.33	-11.28	-380.77	-105.26	49.27		64.15	1464.18	1980.68	381.08	-890.71	1669.03	1822.19		1437.46	-1.12	1561.54			1749.32	76.07	1587.49	1620.99	18.44	
8	-280.92	-11.16	-6.14	-14.61	1071.87	2447.87	-53.79	40.21	-64.78	82.65	1759.68	55.60	1490.06	2009.85	348.58	-54.78	1720.38	1666.69	-81.56	1342.25	-98.84	1480.78			1677.35	136.68	1350.95	1511.66	-3.84	
9	28.95	-68.39			1340.03	1869.37	73.64	-276.87		10.83	1123.50	-102.04	1660.09	1661.83	1523.44	-174.63	1542.28	1579.05	1568.67	1258.80	-102.79	1462.26	1608.26	1730.91	1700.84	82.95	1748.37	1570.91		-1198.07
10	-12.86	14.81	-476.45		1134.23	2376.63	-23.28	-343.20	-625.14	-23.29	1428.42		1796.74	1940.98	1894.88	-148.88	1596.12	1647.26	1973.72	1091.89		1342.59		1897.99	1760.40	48.78	1902.42	1401.60	-29.45	1472.98
11	-16.74	9.18	33.39	-66.76	1160.38		-2.97	-28.87	-372.00	-111.44	1518.66	-2135.34	2339.42	1802.28	194.28	-65.86	1645.44	1578.19	1429.12	1151.31	1658.28	1127.25	1139.36	2001.77	1650.45	94.54	2028.56	1787.61	65.96	-448.09
12	-16.43	29.15	-9.93	72.20	1303.02	-164.71	22.67	1048.22	-609.55	50.22	-236.57		1409.11	1933.29	261.93	-108.24	1611.35	1641.31	1334.72	1706.96		1491.93	1094.96	2005.54	2766.62	79.74	2272.07	2092.28	16.90	-129.62
13	23.66	-6.92	-294.32	-60.02	1190.01	1412.05	-12.08	64.95	157.57	-75.74	1554.23	-902.97	1324.20	1828.56	1567.17	-78.87	1595.97	2710.26	1597.30	1568.07	1865.69	1454.96	110.83	2623.36	1574.01	104.85	1728.81	1818.72	172.41	-30.03
14	17.43	-32.86	-580.00	-547.01	2632.13	2146.91	36.43	-122.22	-91.38	-149.74		-2025.82	1267.17	1756.65	294.34	-1178.08	1487.99	1798.40	1426.78	1397.06	1982.36	2177.12	-255.49	2232.98	1639.11	57.21	1950.40	1765.55	59.22	-74.06
15	-179.80	-44.16	114.97	18.70	-59.23	1880.45	54.66	1782.61	-54.08	1504.62	1257.23	-1262.08	1310.26	1982.74	84.98	-138.43	1492.79	1879.46	1510.86	1597.15	1443.64	2066.80	-325.29	-481.83	1585.44	108.94	1945.99	1953.97	57.17	-474.64
16	-675.27	-53.90	90.78	49.74	-43.52	2042.32	96.30		-119.01	1672.58	1446.21		1446.79	1884.33	220.67	-644.62	1550.96	1927.67	1512.70	1464.48	1644.67	1966.10	-35.40	-500.68	1680.20	84.82	1860.96	1953.41	66.87	-38.27
17	63.05	-118.69	207.97		-62.40	1901.64	42.08	53.35	13.36	-356.18	1851.22	-236.89	1494.86	1967.89	1745.46	-22.11	1529.51		1575.98	1274.98	1548.36	110.80	122.83	90.04	1785.59	74.28	2490.65	1839.98	40.71	67.06
18	64.27	45.35	113.33	1701.78	-63.06	1994.80	90.88	-1.82	-64.25	1538.19	1635.03	-1071.86	1334.98	1979.25	1871.65	-32.73	1451.95	1559.59	2472.41	1255.22	1855.85	-324.16	-832.69	-99.20	1609.65	107.46	1405.16	1923.20	35.29	68.99
19	43.16	-36.18	156.30	1211.49	-2115.87	2153.42	86.07	-33.41	-346.35	1942.03	1973.05	-465.71	1546.66	1961.62	1586.76	-21.09	1495.22	1520.78	1470.10	1227.44	1806.56	-817.51	-219.41	-73.30	1617.41	103.15	1799.81	1795.55	-8.38	-146.60
20	73.35	13.15	160.89	1161.97	1735.15	-1181.54	101.80	-33.87	-725.43	1327.96	1426.51	2779.17	1332.89	1975.00	1556.61	2330.82	1468.21	1394.06	1527.12	1283.28	1851.08	-144.51	1053.15	-120.07	1594.90	85.41	1957.65	1924.08	-25.40	-1462.02
21	53.15	49.01	137.19	1417.63	2585.83	1434.38	37.23	153.89	-99.85	2202.61	-43.39	35.72	1580.71	1963.74		-30.81	2087.21		-2380.60	1581.27	1696.51	245.00	-266.67	123.75	2045.22	-50.84	25.98	1645.46	70.21	
22	8.07	-76.73	-411.55	1576.78	1480.15	-14.26	66.08	118.05		1664.33	-650.43	-16.67	1366.04	1906.28	371.13	-118.03	1361.96	1583.01	2413.12	912.81	1779.90	-400.64	1437.80	-184.90	1712.92	-279.99	-162.03	1578.44	9.63	
23	-593.56	-570.93		1082.30	1575.98	143.11	58.67	-738.57	2255.54	1402.96	1550.71	-159.80	1612.51	1926.36	248.05	1914.64	1385.94	1631.02	1560.11	1178.78	1870.41	-57.42	1392.51	-160.96	1699.74	-1050.06	1245.76	1471.24	67.64	-225.52
24	2460.73	2563.04		1206.16	1216.74	163.77	81.80		1425.60	1334.38	1476.76		1453.23	1930.13	1232.23	1615.66	1374.78	1620.27	1402.96	1274.24	1788.56	141.17	1317.70	230.02	1608.69		1700.84	1597.21	-482.73	-14.76
25	-168.32	10.80	110.24	-829.48	1776.64	-250.02	90.00	-3.24	-657.73		-531.12	86.81	1751.61	1773.84	353.89	-1365.11			-1250.17	1537.60	1867.34	401.01	-729.22	278.79	2296.71	-708.22	1742.62	1574.99	87.21	153.25
26	11.64	-115.72	-285.38		1648.43	166.78	104.65	2792.18		1927.27	1607.88	-875.44	1407.82	1987.55	209.15	1654.94	2678.51	1617.23		1542.71	1898.77	294.62	1638.62	108.12	1952.01		1550.59	1632.69	2.56	223.36
27	-158.67		-964.80	1358.18	1469.67	108.62	73.91	1779.15		1350.14	1868.44	2227.55	1535.60	1947.09	1659.30	1595.21	1547.55	1650.56	1671.78	1428.57	1975.55	-79.72	1558.10	-109.08	1614.29		1788.24	1538.60	-96.02	91.94
28		2020.02		1648.56	1454.90	110.64	55.35	1703.77	1751.89	1427.97	1750.68	1818.45	1408.55	2050.96	1820.72	1591.11	1477.91	1659.08	1588.66	1375.41	1981.18	2010.60	1483.79	-151.19	1686.81	2108.74	1642.92	1485.59	-2313.26	42.97
29	232.51	157.17	52.09	156.93		123.33	81.14	-406.74	373.66			295.37		1403.82	401.68			-2116.55		2241.55	1792.59	241.12		391.44	2246.39	167.10		1579.02	169.74	-1185.93
30	-5.70	-60.27		-550.82	1723.90	89.91	76.93	1698.27	-6.68		1951.55	1992.86	1933.63	1631.60	306.73		2157.32		1560.12	1465.77	1907.09	-247.71	1720.95	-1911.98	1966.41	-73.52	1659.71	1634.43	-24.49	
31	2713.38	1789.08	1885.90	2190.04	1526.30	178.99	68.28	1567.38	-1903.75	1591.10	1908.57	1913.17	1559.06	1932.97	1797.55	2776.64	1799.22	2003.18	1787.04	1150.95	1798.53	-1826.08	1809.24	27.97	1925.82	479.39	1606.83	1667.60	77.22	-1424.30
32	1875.50	1899.01	1609.04	2008.11	1496.14	162.08	100.50	1465.57	1365.93	1420.07	1730.33	1734.44	1586.64	1828.49	1591.09	1493.01	1486.79	1654.43	1658.02	1180.25	2010.48	-317.94	1781.95	-1362.40	1852.20	782.78	1449.22	1505.47	-516.64	
33	-92.32	-115.89		-209.77		107.37	49.66	-1984.87	-171.91	1822.09			1737.49		-96.23	2004.61			2064.12	1963.35	1640.16	103.38	2348.89	-86.27	2342.91	-300.28		1404.15	48.51	1699.94
34	-53.33	1697.51		1582.54		104.14	54.70		1777.63	1742.76	1603.26	1835.22	1601.27	1752.65	-323.75	1843.61		1917.70	1971.55	1445.30	1914.08	-57.39	1959.00	-32.27	2133.05	-80.38	2163.07	1423.46	-578.18	2359.80
35	10.10	1992.20	1691.24	1915.25		134.52	43.22	2034.84	1820.94	1824.13	2129.25	1693.74	1542.46	1897.87		1789.74	1840.52	2003.58	1841.99	1532.43	1964.86	2594.81	2013.49	2935.11	2214.15	142.94	1568.06	1454.32		2488.23
36	278.36	2079.97	1630.67	1797.27	2064.05	109.44	61.58	1546.76	1707.52	1783.66		1722.43	1670.50	1980.69	1909.83	1862.40	1824.66	1950.27	1817.57	1554.42	2184.13	1887.32	2060.08	2189.08	2308.61	-528.51	1524.84	1420.48		
37	-16.71	1711.24		1717.07	-8.95	95.33	76.05	1673.01	1873.06	1837.01		1613.84	1588.62	1933.67	1836.14	1862.11	1944.08	1950.66	2017.41	1783.46	1738.99	1861.01	2466.53	2061.91	2201.99	1771.00		1803.05	2709.97	1688.63
38	25.00	1837.77		1841.19	-1150.15	124.57	-2289.81	-251.92	1740.38	1851.51		1782.29	1581.06	1985.87	1578.11	1888.68	1942.52	1944.85	1938.80		2029.36	1849.81	2039.07	2162.73	2351.52	2055.89		2342.42		2020.59
39	44.50	2388.44		1716.75		127.87	-277.73	-175.67	1801.92	1830.80		1934.45	2131.32	2072.15	1701.33	1895.36	2215.69	1994.17	1952.93	1785.78	2007.88	2019.78	2075.36	2170.85	2418.45	1929.18	2477.68	1697.45	2454.00	1856.04
40	-28.46			1662.65		91.61	-581.71	-35.92	1783.66	2140.70	-456.13	1901.77	1708.55	1990.59	1773.00	1996.91		2176.94	2244.27	1528.50		1957.96	2382.62	2197.73	2606.69		2593.32	1377.53	1901.64	2380.39
41	6.75	1609.09		1581.54	-350.33	120.67		38.48	1710.62	1661.51		1774.83	1549.90	1931.96	1742.23	1765.46	1724.66	2006.20	1742.31	1744.62	1717.05	2010.54	1853.69		2629.64	1678.58		1610.07	1882.25	1609.40
42	-71.43	2001.30	-678.55	1648.78	-24.51	138.21	109.59	14.78	1758.74	1551.68	-236.24	1864.41	1511.33	2000.58	1797.61	1907.94		2076.48	2227.50		2130.35	1922.35	2004.55			2523.50	1913.15	1585.70	2046.48	1825.34
43	86.19	2640.96		1669.43	-2.91	102.14	-23.72	1.81	1680.51		-7.78	1624.63	1925.46	2089.51	1819.56	1876.14					1699.00		2026.34				1844.36	1630.51	2070.16	1785.75
44	2.54	-622.11	74.30	1649.37	174.61	136.58	-16.20	18.44	1713.97		136.10		1822.38	2044.70	2056.91	2359.00	-899.05		-1066.74		-243.71		2162.42			-495.72	1744.06		1949.23	1911.76
45	-2.07	1489.78	110.23	1689.46	22.96	161.72	2028.21	-38.76	1569.19		-1136.42	2475.28	1584.87	2009.22	1730.38	1821.16	1947.28	2511.28	1634.90		-378.51		1810.08		2467.42	1654.61	1884.42	2165.99	1880.66	1747.46
46	14.81		-35.18	1635.52	-374.44	10.40	2028.01	-627.71	1690.54		-355.57	-2547.40	1452.02	1981.69	1835.19	1875.83		2560.43	1979.10		43.82	1774.36	1973.44			1996.58	1775.20	2676.47	1892.58	1820.57
47	-48.55	-185.38	-245.71	1553.67		-520.36	-67.88	1407.89	1999.76		-69.08		1702.66	2156.14	1824.21	1833.47	-233.66	1868.79	1906.93		-8.78	1697.08	1990.61	-352.96			1955.42		2689.06	1804.93
48	14.35	-279.59	88.51	1694.45		-1566.77	-1312.29	1717.06	2420.30	-1904.34	57.39	-1307.16	1833.38	-353.73	2017.80	2033.82	-44.85	2105.38	2238.45		-34.97	1941.72	2004.33	185.64		25.31	1721.53	1919.85	2746.64	1720.67
49	-413.51	1595.26	-16.53	1625.73	2223.07		1846.55	1526.46			-177.35	1793.54	1911.29	1681.33	2081.87		35.02	2641.87	1570.03		-109.87	1721.71	1937.39	191.55	1751.18		2000.45	1594.96	1991.12	1682.19
50	-62.39	1659.51	72.71	2530.25	2347.57	2012.97	1956.20	1779.03		-2522.21		1887.10	1823.34	2219.18		1916.99	-4.34	1917.97	1825.45	2062.90	-66.82	1902.03	1965.74	-185.85	1688.21	1908.88	1906.48	1923.53	1966.37	1857.94
51	-67.09		-0.38		2397.41	1775.13	1997.35	1870.71	2306.38		2156.99	1858.69	1844.36	1953.36	1934.71	28.60	-111.81	1883.84	1811.19	1648.72	-274.24	1881.33	1973.82		51.23	1937.91	22.60	1994.07	2027.38	1235.68
52	-251.83		0.20		2698.06	1405.28		1630.94			247.25	-2701.39	1810.20	2221.26	1751.05	157.76	1966.94	1874.94	1959.69	1485.36		1843.71	2079.95		910.46	1919.23	-126.61	1844.04	2069.13	1490.77
53	2022.33	1522.65		-355.43	-1284.93	1617.97	2153.29	1852.35	2137.62			-713.48	1865.96	1910.56	495.06	-61.29	-2310.16	2020.68	1626.99	1614.19		2223.30	1922.99	2169.63	184.18	1585.83	54.55	2133.57	1582.50	1701.17
54	2337.65	1695.83	-169.95	25.90	2206.91	1469.56		1743.90	1632.64		1927.67	2588.09	1697.08	2054.75		-183.64	1803.85	1847.40	1784.35	1710.97	1586.20	1886.33	2075.62	2023.35	1447.25	1876.53	-7.42	1989.82	1679.99	1837.54
55	2608.79	1805.81	17.13	-6.14	2803.08	1577.91	-16.25	1684.32	1636.26	-2626.35		61.58	1792.64	2349.98	2019.40	45.30	2461.83	1980.18		1638.66	1732.21	1920.02		2086.91		1867.26	28.77	1839.02	1705.28	1820.37
56	-99.26	1743.01	31.74	35.43		1497.54	46.08	1886.38	2081.36	-2208.42	1279.56	-377.12	1843.31	-1627.07	1740.46	-168.45		1920.45		1702.44	2725.31	1858.11		2121.36	-223.79	1828.32	192.88	1734.31	2417.16	1557.88
57		1550.80	-58.10	-85.12	8.62		-115.09	1883.66	2307.34	-764.67	81.72	183.59		1578.88	1879.59	-62.14	1883.84	2102.89	1668.64	1634.84	4.97	2096.65	1808.58	2107.75	-508.38	1811.69	71.49	1620.74	2341.75	-1400.96
58	-625.58	1508.49	5.80	-59.49	45.53	1562.93	1.94	1672.21	1777.41	-226.83	-333.73	21.43			1923.87	-46.30	1896.78	1921.12	2461.85	1559.88	-1391.49	1925.59	2020.38	2059.07	-43.52	1661.17	60.30	1615.78	2018.87	
59		1556.54	-119.12	-65.93	25.63	1433.20	-13.62	1836.10	1852.06	49.75	133.17	71.54		1729.00	2020.53	8.29	1879.60	1905.02		1584.37	1581.61	1985.75	2096.00	2036.96	1424.97	1754.29	121.11	1663.73	2719.54	1863.67
60	166.41	1522.95	134.61	-64.46	-120.39	1538.71	-49.43	1508.35	2079.13	-5.06	-161.76	-17.87	1785.95	1462.22	1794.70	-76.09	1912.35	1961.25		1649.61	1664.79	1779.25		2094.08	1728.87	1739.84	28.33	1557.28		1582.53
61	-11.57	2201.41	-24.63	1816.14	2591.04	1877.21	50.17	4.91		97.31	46.56	-61.10	-465.94	2584.52	2158.02	51.79	1930.01	1821.90	2762.64	1702.86	-104.29	2234.72		1985.69		1701.45	114.95			
62	63.13	1715.59		1948.17	2455.82	1443.42	61.71	-942.05	-86.26	-323.08	-40.85	-137.91	-968.80	1805.66	1874.19	85.74	1902.02	1730.05	2285.28	1682.36	1870.97	1972.01	-1446.84	2014.88	1620.29	1760.82	154.21	2112.76		1855.65
63	-356.77	1497.48	1846.96	1950.84	2621.42	1647.24	29.29	248.82	-74.87	161.11	73.15	2041.89	1935.02	1977.36	1918.61	2055.79	1972.05	1818.49	1780.84	1624.22	1876.60	1939.22	-638.21	1921.76	1596.54	1878.99	86.63	1561.12		1607.51
64	2399.97	1511.50	1845.84	1876.78	2166.14	1616.11	149.68	-94.40	103.84	1484.42	-257.20	1506.65	1799.76	1971.04	1833.48	2265.41	1978.43	1915.44	1764.98	1535.63	1643.04	1771.38	-8.53	2045.71	1357.81		-2227.24	1547.92		1697.96
65	-147.41	1784.61	2061.40	2265.09	-274.06	2797.19	69.90	52.51	99.29		-43.84	2620.04		1653.39	2251.44	-59.74	2035.94	2299.46	1875.14		-1.48	2719.11	1637.09	2279.59			-1.00	-2524.16	-902.62	
66	2309.27	1624.26	2010.09	2229.89	3331.51	1582.73	116.93	61.81		1860.18	-23.68	2058.80	1885.32	1587.61	1928.03		1949.36	1935.76	1886.24	2185.74		1972.22	2060.09	2138.19	2246.89	1791.66	96.32		-977.78	2729.13
67	2046.49	1640.00	1975.91	2789.79	-181.84	1914.57	187.45	79.67	2197.80	1969.77	66.25	1900.29	1803.84	1600.51	1927.90		1904.80	1974.75	1812.40	1918.51	1976.34	1954.77	2026.20	2117.59	1658.42	1795.48	-983.47	1844.45	-26.77	
68	1685.23	1642.53	1781.26	-1368.70	2528.09	1758.84	168.95	116.99	1785.45	1693.31	164.95	1648.15	1678.36	1486.59	1647.37	1847.11	1721.03	1883.18	1647.08	1650.21	1733.01	1962.79	1942.47	2074.16	1504.14	1705.20		1743.41	2582.60	2519.30
69	51.34	2413.48	-20.27		-35.51	-1723.94	53.07	129.18			-18.86	2076.37	2096.04			-1088.28		2170.32	2020.49			1883.51	2090.55	2305.02				1647.47		
70	-228.93	1825.03	1866.84	2068.15		2298.54	-69.68	105.31	2019.37	1961.85	-83.06	1855.95	1814.27		-1693.17	2085.58	1917.88	1935.20	1763.54	1892.74	1920.03	1892.49	2043.96	2177.34	2028.02	2089.72		1709.36		-1734.63
71	2059.24	1749.85	1717.33	1828.13	2527.32	1669.78	-1093.11	304.67	1925.33	1932.62	1811.91	1960.41	1859.16	1924.56	-180.90	2503.64	1940.50	2140.24	1816.12	1851.97	1827.43	1972.53	2090.26	2217.07	2841.95	2135.62	2041.27	1831.04	3081.56	-683.29
72	1869.49	1853.66	1813.74	1814.36	2167.45	1397.50	-1655.20	73.33	2044.01	1994.31	2333.74	1951.80	1896.15	1855.89	-565.90	2285.77	2027.76	2049.50	1865.42	1849.99	2003.21	1984.57	2068.33	2268.15			2099.05	2727.34	2584.77	-23.49
73	2438.49		2136.24	2553.86	-2307.81		-1492.33	-334.18		2081.26	2053.40	2071.88			-1527.98		2097.14			2286.32	1773.75	2778.71	2201.36	2197.27		2035.83		2163.35	2393.36	63.27
74	2190.05	2110.75	2052.06	2268.06			35.39	141.76	-1159.93	2050.80	39.96				184.03		2007.55			2234.70	2225.96	2549.75	2218.10	2316.29		1821.20	-42.26	1955.79	2522.30	-210.07
75	2628.59	2095.23	1906.81	2515.51		-2205.18	42.78	101.73	87.88	2412.31	160.54	2257.00			72.59	1961.00	2062.51	-1972.95		2044.65		2111.21	2110.92	2344.70		1917.67	-55.90		2684.84	-1317.51
76	376.17	1832.54	2021.31		-2063.38	-1231.62	55.59	93.82	120.37	2261.84	104.83	2564.65			65.08	1725.77	2017.06	29.46		1907.75	2584.91	2216.06	2216.98	2342.58	49.92	2143.16	148.28		2259.29	-2541.38
77	-113.64	2000.34	2206.75		-923.68	-660.52	-135.24	19.04	63.87	1874.41	-95.65				-2725.62	-8.64	2039.17	-315.65		1944.58	1717.94	1990.12	2103.72		-1238.13	1676.06	-30.25	1768.35	3342.14	
78	36.50	1956.29			-402.22	-107.23	16.08	39.72	102.63	2644.41	-64.85				12.21	-98.27	2073.83	-471.81		1945.38	1971.65	2113.14	2120.06	2525.30	-377.25	1941.18	-35.42	2791.26		2704.18
79	3.46	1932.33	1865.87	64.00	-98.22	-24.19	53.52	191.10	39.67	2224.01	1.15	1909.28	-2326.52		17.21	-26.55	1978.67			1926.46	1990.33	1954.51	2077.80		66.43	1926.43	14.36	-994.87	2422.62	2525.59
80	-8.85	2152.34		-72.59		40.38	35.44	159.49	-33.63		-41.32	2101.07	-1335.57		46.10		2146.29	-589.63		2034.89	2140.35	2197.33	2085.54	2361.61	1.69	2274.25	-23.99	-57.08	2404.42	3118.63
81	92.07		1693.36	1533.53	542.30	100.26	-1.18	152.44		1906.69	-369.53	1777.41	2750.16		-0.34		1859.25	1753.45		1833.13	1793.43	1864.14	1854.94	2310.59	-4.67	1822.64	-397.81	1600.67	304.79	1886.54
82	196.61		-1329.08	1834.81	-123.40	-921.48	16.60	172.61			124.07	1980.33	302.86	2454.06	24.84	2272.50	1994.20	2647.17		2004.57	2708.35	2084.18	2041.67	2123.96	183.74	2041.98	-484.42	2060.23	94.22	1793.33
83	244.82	-138.39	-1033.83	1771.99	-15.85	86.13	14.78	61.55			213.48	2014.20	-15.67	2491.39	-0.54	-126.09	1988.74			2054.65	-174.26	2011.42	2222.53		151.48	1935.04		2028.78	92.19	2099.83
84	340.94	9.30	-94.13		-378.61	60.69	255.91	13.17	10.03		495.23	2621.35	-146.51	-1812.75	68.89	-499.58				2276.20	-106.76	2123.88	2172.50		22.58	2316.24		2039.37	129.55	2199.64
85	138.17	381.17	-1425.02	1664.18	2106.71		201.73	-301.02	1678.43	1727.26	-31.41	1736.64	1436.47	1634.51	-1180.31	1296.96	1742.61	1626.00	1451.58	1670.34	1587.59	1721.00	1860.18	1593.44	-105.77	1714.92	1702.62	1466.43	194.58	1638.99
86	164.55	-232.96	131.28	2228.33	2503.09	-63.30	83.74	-422.73			39.90	2069.20	-1444.45	2249.06	25.40	-983.48	1926.20	2077.94		1977.35	-930.88	1943.48	1975.91	2028.75	144.21	2014.54	1878.83	2650.31	153.89	1864.29
87	74.53	-6.90	175.17	-78.74	3087.85	26.98	138.23	-384.04	76.04	-14.13	104.91	147.34	82.89	260.62	-116.66	-1350.27			-96.84	1813.25	59.84	1839.42	2146.71	1635.29	159.02	-139.98	1738.22		183.09	1828.90
88	130.22	47.49	94.69	23.47	-120.61	-169.66	115.98	-351.58	178.59	-125.31	101.77	-63.86	20.78	188.99	-42.34	-73.84			-20.61		70.45	2171.53	2586.48	-68.95	281.25	28.89	1760.31		57.35	2103.17
89	139.54	-124.43	-886.11	1751.30	2244.25		-1849.42			1526.08	-1394.10	1548.37	-37.85	1766.81	-209.71	2041.16	1571.94	1510.13	1638.26	1524.55	27.02	1492.68	1831.97	1563.96	186.55	-38.97	1616.81	1434.91	-237.24	1627.08
90	107.61	180.68	118.77	36.27		-1365.76	-270.79	-1663.29	133.75	2029.81	-592.05	2013.33	178.39	2294.28	-38.74	-1117.82	2016.77	1782.74		2056.40	-23.29	1768.92	1817.41	2086.10	152.68	-15.99	1732.32	1389.26	11.92	
91	158.02	96.90	102.17	108.93	-23.03	-751.26	155.63	-1661.04	-9.04		-163.36		76.85	1954.30	44.38	-94.33	-2095.20	1919.99	-32.65	1959.48	-96.39	2109.09	1870.61	85.55	25.64	-13.27	1679.67	1634.20	93.72	-2472.62
92	141.74	297.90	80.73	180.68	-90.95	-75.82	140.58	-71.68	-11.92	6.52	122.07	-1138.49	89.59	297.66	28.19	5.42	-38.78		104.73	2756.04	-95.47		2578.55	122.95	98.52	122.26		-2314.90	138.74	-49.50
93	-949.86	123.33		-1196.85	2561.90	-297.81		1678.07	1825.33	1906.01	-1856.91	2459.80	1906.48	1714.81	-430.85		2146.26	1700.65	2240.41	1188.03	31.53	1790.85	2224.02	2429.39		105.26	1556.84	1131.07	48.53	
94	-758.81	102.27	-55.77	-580.89	2024.09	63.25	12.23		-858.54	2041.81	-662.09	2098.62	70.96	2148.25	-1522.23	2425.63	2471.62	1725.14		-36.41	99.19	1812.32	1949.55	1920.74	-2411.06	95.32	1802.72	1619.47	113.66	-87.63
95	-10.91	150.37	56.49	35.73	2350.88	133.76	-94.34		132.66	2192.22	64.51	2114.14	25.19	1672.66	-913.39		-102.33	2392.46	-120.16	-112.57	78.50	1812.79	1702.13	195.19	-679.54	120.09	2061.24	-1413.65	116.64	38.88
96	124.90	44.92	-158.26	-337.13	2724.60	111.88	-453.60	-810.58	278.66	58.77	102.76	1761.45	-32.89	-1808.93	-297.70		-123.60	-1984.27	-48.95	13.70	54.94		2577.61	-45.55	-146.67	-100.74		-589.14	61.13	-28.84