Data: 22.08.2025

# Situatie privind dezechilibrul SEN pentru fiecare interval de decontare din luna iulie 2025

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MWh | **MWh** | MWh |
| Interval/Data | 01.07.2025 | 02.07.2025 | 03.07.2025 | 04.07.2025 | 05.07.2025 | 06.07.2025 | 07.07.2025 | 08.07.2025 | 09.07.2025 | 10.07.2025 | 11.07.2025 | 12.07.2025 | 13.07.2025 | 14.07.2025 | 15.07.2025 | 16.07.2025 | 17.07.2025 | 18.07.2025 | 19.07.2025 | 20.07.2025 | 21.07.2025 | 22.07.2025 | 23.07.2025 | 24.07.2025 | 25.07.2025 | 26.07.2025 | 27.07.2025 | 28.07.2025 | 29.07.2025 | 30.07.2025 | 31.07.2025 |
| INT001 | -64.791 | 22.376 | 1.129 | -27.898 | -31.092 | 9.748 | -0.933 | 2.795 | -6.585 | 14.580 | 21.312 | 27.714 | 36.140 | -5.524 | -13.482 | -36.169 | -24.172 | 38.700 | -19.512 | -15.623 | 12.623 | 3.011 | 37.532 | -32.835 | 22.467 | 5.741 | -20.582 | -41.847 | -32.279 | 38.159 | 14.268 |
| INT002 | -24.534 | 19.991 | 3.921 | -18.950 | -44.304 | 0.389 | 11.994 | -13.594 | -17.191 | 2.886 | 11.143 | 34.369 | 13.183 | -17.635 | -27.187 | -61.565 | -36.978 | 33.616 | -2.584 | -28.282 | 12.077 | 27.949 | 44.958 | -23.194 | 21.739 | 5.448 | -14.992 | -41.943 | -35.303 | 18.478 | 31.955 |
| INT003 | -17.320 | 32.604 | 17.786 | -12.651 | -42.560 | 14.243 | 8.760 | -5.989 | -48.000 | 17.634 | 11.256 | 42.730 | 24.990 | -5.243 | -10.946 | -40.267 | -39.145 | 32.969 | -28.158 | -21.992 | 23.553 | 52.065 | 47.705 | -3.763 | 19.442 | 16.123 | -18.185 | -27.394 | -20.398 | 16.588 | 30.400 |
| INT004 | -5.116 | 26.986 | 41.341 | -3.573 | -31.837 | 14.845 | 5.782 | -11.171 | -35.411 | -0.017 | 16.367 | 29.733 | 18.754 | 9.802 | -2.624 | -23.129 | -51.432 | -1.937 | -29.337 | -27.668 | 28.356 | 54.875 | 83.574 | -17.771 | 29.088 | 17.904 | 20.312 | -23.199 | -3.351 | 10.862 | -1.707 |
| INT005 | -32.744 | -3.528 | -15.054 | -28.376 | -12.199 | 8.195 | 35.172 | -13.078 | -24.161 | 19.186 | -3.034 | 57.357 | 36.526 | 31.419 | -17.624 | -37.567 | -20.627 | -95.207 | -33.841 | -14.074 | 27.080 | 33.780 | 57.690 | -24.173 | 37.081 | 15.406 | -7.628 | -2.920 | -19.412 | 7.125 | 8.591 |
| INT006 | -15.683 | 3.272 | -8.265 | -24.728 | -53.609 | -10.626 | 38.378 | -14.744 | -25.693 | 1.453 | -0.047 | 38.376 | 29.405 | 18.852 | -30.952 | -45.594 | -18.954 | -87.291 | -10.759 | -26.239 | 24.809 | 41.775 | 53.771 | -31.197 | 15.935 | 13.725 | -3.356 | 0.747 | -6.683 | -10.012 | -3.962 |
| INT007 | 1.606 | -7.675 | -6.998 | -23.447 | -36.122 | -19.037 | 28.241 | -17.812 | -48.295 | 31.945 | 19.584 | 15.958 | 22.247 | 14.650 | -10.680 | -56.610 | -18.303 | -64.550 | -7.679 | -22.904 | 37.491 | 39.281 | 47.696 | -16.895 | 5.750 | 8.015 | -5.806 | -3.978 | 49.783 | -5.289 | 10.038 |
| INT008 | 2.855 | -3.206 | -9.103 | -4.637 | -28.464 | -0.258 | 48.467 | -38.118 | -28.531 | 46.536 | 5.158 | 30.617 | 20.114 | 36.535 | -3.529 | -26.700 | -17.972 | -69.343 | -5.587 | -23.005 | 27.711 | 30.483 | 40.515 | -21.932 | -2.414 | 9.820 | -6.311 | -5.335 | 92.258 | 6.370 | 14.953 |
| INT009 | 10.183 | -33.391 | -13.205 | -25.107 | -42.694 | -19.308 | 20.756 | -56.639 | 9.967 | 27.888 | 6.326 | 7.143 | 12.847 | 28.385 | 5.789 | -17.182 | -19.824 | -58.736 | -5.734 | -16.240 | 29.329 | 19.792 | 5.101 | -34.868 | -17.241 | 1.195 | 16.216 | -4.925 | 105.850 | 10.343 | 13.775 |
| INT010 | 39.326 | -6.828 | -20.987 | -34.445 | -42.278 | -4.718 | 7.036 | -78.403 | 6.156 | 5.315 | 26.415 | -24.256 | 30.697 | 12.700 | 9.420 | -42.867 | -21.868 | 1.907 | -2.981 | -14.853 | 27.619 | 17.086 | -6.759 | -41.233 | -17.250 | 6.883 | -1.494 | -35.198 | 46.452 | 19.678 | 15.337 |
| INT011 | 43.285 | 9.684 | -1.128 | -13.158 | -32.002 | -8.217 | 17.781 | -94.928 | 13.116 | -4.977 | 34.858 | -24.445 | 22.992 | 12.533 | 18.661 | -22.287 | -28.091 | 52.626 | -13.358 | -23.088 | 19.694 | 13.784 | 4.259 | -37.061 | -19.082 | 25.328 | 6.584 | -25.095 | 64.224 | 18.907 | 17.650 |
| INT012 | 73.254 | 17.454 | 14.837 | 13.375 | -33.128 | -19.661 | 19.675 | -95.462 | 9.010 | -26.921 | 35.639 | 20.224 | 11.171 | 15.074 | 11.132 | -25.831 | -39.684 | 91.070 | -15.018 | -21.825 | 28.484 | 1.428 | 15.062 | -24.571 | -12.905 | 20.751 | -4.197 | -26.437 | 62.388 | 11.941 | 32.097 |
| INT013 | 59.371 | 17.195 | 10.254 | -4.766 | -21.931 | -4.245 | 36.781 | -73.268 | -10.677 | -34.432 | 30.346 | 28.717 | 26.791 | 13.998 | 22.284 | -23.811 | -62.191 | 112.783 | -1.390 | -7.524 | 43.149 | 22.505 | 11.305 | -6.348 | -17.603 | 21.780 | 9.763 | -17.890 | -11.475 | -13.876 | 11.836 |
| INT014 | 40.802 | 17.986 | 4.945 | -10.529 | -6.947 | 2.350 | 36.826 | -58.056 | -21.945 | -14.989 | 18.296 | 51.926 | 9.764 | 1.951 | 19.359 | -16.296 | -56.328 | 111.393 | -6.474 | 2.104 | 35.056 | 16.785 | 21.369 | -12.954 | -2.230 | 5.270 | -4.267 | -10.344 | -54.851 | -6.308 | 2.780 |
| INT015 | 18.606 | 6.799 | -14.512 | -3.197 | 0.914 | -2.646 | 19.508 | -54.768 | -17.240 | 2.306 | 8.356 | 61.722 | 19.368 | 0.740 | 6.964 | -17.941 | -44.537 | 93.591 | -9.930 | -1.296 | 36.835 | -1.387 | 25.396 | -10.514 | 0.572 | 9.175 | -11.298 | -2.978 | -46.154 | -3.730 | 6.792 |
| INT016 | 29.404 | 14.744 | -29.611 | -7.563 | 2.746 | 4.138 | 13.325 | -57.561 | -35.379 | -1.971 | 27.579 | 33.155 | 25.346 | -4.192 | 11.600 | -0.528 | -42.517 | 79.522 | -13.964 | -2.255 | 21.478 | -12.346 | 29.725 | -1.649 | -7.051 | 15.861 | 2.337 | 10.753 | -61.841 | -4.620 | 1.672 |
| INT017 | 36.053 | 7.237 | -27.659 | 10.091 | 9.966 | 13.936 | 17.256 | -27.254 | -42.696 | -3.066 | 14.691 | 14.751 | 20.929 | 8.627 | 11.021 | -8.402 | -23.313 | 76.231 | -11.200 | 0.139 | 48.542 | -1.961 | -19.778 | 3.430 | -2.929 | 13.363 | 11.763 | 27.623 | -78.492 | 14.003 | -6.102 |
| INT018 | 36.994 | 6.976 | -39.142 | -2.312 | 1.910 | -12.704 | 11.790 | -8.770 | -25.738 | -14.216 | 11.946 | 10.493 | 3.983 | 0.316 | 17.791 | -17.390 | -21.838 | 64.793 | -15.553 | 6.650 | 55.879 | -12.586 | -29.978 | -0.924 | -5.096 | 16.774 | 3.362 | 22.560 | -69.905 | 15.739 | -9.194 |
| INT019 | 32.863 | 1.115 | -49.596 | 17.710 | 3.625 | 1.345 | 0.896 | -15.771 | -27.387 | -20.524 | -7.842 | 3.864 | 21.417 | -2.457 | 11.119 | -13.444 | -13.151 | 60.020 | -17.681 | -4.445 | 45.838 | -5.169 | -61.470 | 6.259 | -3.254 | -1.145 | -8.180 | 4.916 | -71.834 | 15.135 | -14.257 |
| INT020 | 33.572 | -0.976 | -61.441 | 14.854 | 9.600 | 15.032 | 5.977 | -28.956 | -36.439 | -33.472 | 4.642 | 7.576 | 17.672 | 0.633 | 9.791 | -16.599 | -18.024 | 21.067 | -23.614 | -1.834 | 36.323 | -8.652 | -60.060 | -24.010 | 8.567 | 5.341 | 1.267 | -3.583 | -64.816 | 27.097 | -23.939 |
| INT021 | 43.434 | 6.076 | -38.966 | 4.836 | 7.601 | 12.480 | 3.556 | -19.925 | -12.878 | -9.022 | 10.145 | -8.870 | -0.503 | 6.007 | 3.937 | -30.410 | -1.449 | 16.890 | -7.104 | -7.360 | 43.872 | -14.381 | -69.404 | -17.001 | 1.044 | 20.962 | 7.896 | 9.555 | -55.458 | 48.213 | -6.689 |
| INT022 | 35.963 | 28.885 | -26.834 | 7.703 | 8.086 | 32.542 | 12.595 | -24.242 | -32.314 | -9.141 | 9.040 | 11.545 | 15.578 | 2.016 | -0.999 | -25.154 | -3.957 | -9.764 | -2.253 | -12.109 | 42.988 | -18.959 | -52.468 | -22.316 | -16.328 | -2.611 | 13.541 | 11.967 | -44.167 | 50.456 | 9.515 |
| INT023 | 21.755 | 36.511 | -33.107 | 24.193 | 13.695 | 62.159 | 7.102 | -17.825 | -48.097 | -22.698 | 10.516 | 31.757 | 27.278 | 4.104 | 10.963 | -4.680 | -13.012 | 17.901 | -10.187 | 3.196 | 42.235 | -34.811 | -27.102 | -27.051 | -10.210 | -3.549 | 12.974 | 4.806 | -29.078 | 48.878 | 9.861 |
| INT024 | 21.276 | 54.260 | -24.054 | 7.422 | 29.408 | 57.642 | -6.996 | -9.218 | -42.523 | -29.682 | 14.045 | 24.559 | 22.766 | 2.192 | 15.867 | -0.162 | 4.912 | 35.914 | 1.613 | -5.028 | 43.428 | -31.735 | -14.424 | -13.680 | -16.566 | -4.531 | -6.638 | 21.600 | -21.352 | 61.659 | 33.186 |
| INT025 | 18.792 | 41.686 | -17.120 | 13.860 | -4.947 | 58.365 | 3.685 | -14.905 | -54.323 | -15.523 | 12.820 | 27.258 | 7.725 | 9.915 | 8.324 | -21.806 | -7.284 | 54.190 | -12.904 | 1.199 | 45.367 | -18.363 | 8.559 | -13.508 | 4.971 | 19.281 | -17.903 | 48.124 | -6.143 | 51.790 | 49.210 |
| INT026 | 26.326 | 53.758 | -35.244 | 8.924 | 14.200 | 48.936 | 16.613 | -1.967 | -39.737 | -0.787 | 11.741 | 19.637 | 6.679 | -3.471 | 7.852 | -12.596 | 1.887 | 51.893 | 7.115 | -0.504 | 47.067 | -16.564 | 20.354 | -18.960 | -1.555 | 5.074 | -20.019 | 51.558 | -10.383 | 34.206 | 26.161 |
| INT027 | -23.232 | 49.963 | -19.921 | 20.383 | 25.227 | 72.029 | -2.336 | -12.060 | -40.082 | 2.417 | 13.828 | 11.835 | 15.111 | -14.729 | 8.998 | -16.339 | 5.416 | 80.270 | 2.419 | 11.879 | 26.121 | -21.279 | 17.709 | -7.456 | -6.316 | 18.734 | -3.959 | 44.384 | -9.433 | 12.748 | 21.499 |
| INT028 | -29.616 | 42.748 | -29.465 | 21.211 | 31.716 | 34.004 | -24.752 | 1.501 | -55.553 | 4.881 | 3.276 | 37.684 | 25.902 | -1.752 | -3.119 | -19.887 | -7.959 | 64.057 | -4.543 | 11.126 | 12.326 | -44.816 | 16.421 | -0.082 | 4.348 | 9.923 | -17.368 | 40.296 | 10.923 | -11.122 | 21.823 |
| INT029 | -22.809 | 47.839 | -14.291 | -0.683 | -7.633 | 13.152 | -8.065 | -8.609 | -16.825 | 23.944 | 19.340 | 23.568 | 15.683 | 29.780 | 9.266 | -18.235 | 34.471 | 65.819 | -38.609 | -5.441 | 44.865 | -42.942 | -0.518 | 15.210 | -1.000 | -3.009 | -26.666 | 44.851 | 32.697 | 6.695 | 22.595 |
| INT030 | -43.218 | 38.178 | -34.808 | -3.215 | -12.080 | 17.357 | -31.558 | -31.781 | -48.228 | 36.118 | 9.943 | -12.496 | 19.972 | 31.102 | -4.604 | -24.510 | 47.200 | 42.149 | -33.289 | -4.362 | 22.321 | -61.356 | -10.606 | 5.621 | -24.162 | 4.561 | -11.941 | 17.880 | 13.517 | -17.065 | -6.107 |
| INT031 | -25.185 | 11.483 | -45.266 | 1.449 | 0.171 | 22.981 | -47.670 | -26.025 | -35.932 | 35.009 | 8.434 | -14.183 | 28.732 | 38.248 | 1.992 | -38.153 | 54.482 | 36.342 | -32.006 | -5.372 | 33.549 | -84.249 | 9.501 | 6.843 | -4.368 | -1.948 | -5.791 | -16.883 | -10.006 | -42.557 | -28.228 |
| INT032 | -0.210 | 0.442 | -38.944 | 17.449 | -21.008 | 29.510 | -62.120 | -5.194 | -39.155 | 57.681 | 22.598 | -17.396 | 33.366 | 52.223 | 13.003 | -47.696 | 76.051 | 38.337 | -24.966 | 12.295 | 46.710 | -76.564 | 22.037 | 24.895 | -2.274 | -0.020 | 11.138 | -32.157 | -43.554 | -62.040 | -36.149 |
| INT033 | -0.265 | -16.504 | -61.130 | 7.876 | -80.867 | -17.517 | -57.636 | -54.283 | -36.316 | 55.931 | 20.510 | -51.707 | -3.284 | 70.652 | 2.355 | -19.217 | 97.953 | 35.239 | -41.128 | -2.224 | 53.066 | -71.827 | 9.312 | -0.886 | -26.086 | -16.657 | -13.777 | -31.309 | -49.014 | -1.486 | -21.045 |
| INT034 | 25.574 | 0.063 | -28.790 | -4.108 | -82.059 | -5.430 | -76.973 | -32.443 | -46.382 | 49.502 | 17.521 | -54.743 | -0.617 | 64.559 | -15.023 | -9.568 | 134.285 | 23.812 | -26.705 | 5.576 | 50.946 | -69.122 | 9.264 | -22.474 | -16.837 | -19.810 | -21.869 | -44.280 | -64.512 | -20.465 | -11.354 |
| INT035 | 58.452 | 46.544 | -33.528 | -7.882 | -53.124 | 5.694 | -84.441 | -27.814 | -18.597 | 44.964 | 32.723 | -44.944 | 16.042 | 53.034 | -6.799 | -18.548 | 127.608 | 2.672 | -14.089 | 11.929 | 29.214 | -76.426 | 29.624 | -16.723 | -13.306 | 2.470 | -42.709 | -59.738 | -64.781 | -16.656 | -9.270 |
| INT036 | 75.443 | 65.270 | -11.735 | 16.287 | -36.237 | -1.668 | -73.941 | -6.866 | 6.829 | 29.374 | 10.619 | -38.437 | 17.242 | 60.949 | 15.675 | 6.084 | 117.010 | 28.524 | 17.333 | 9.253 | 52.676 | -2.675 | 44.178 | -10.044 | 16.493 | 10.919 | -31.226 | 44.186 | -80.953 | 1.707 | 5.122 |
| INT037 | 22.401 | 41.008 | -25.499 | -34.286 | -53.178 | -8.508 | -28.033 | -30.656 | -37.483 | 42.225 | 28.263 | -34.587 | -10.859 | 14.133 | 10.179 | 8.723 | 92.690 | 30.954 | 2.592 | -11.862 | 33.102 | 15.195 | 17.213 | -19.134 | -20.554 | -32.593 | -37.476 | -74.267 | -77.807 | 8.457 | 12.292 |
| INT038 | 33.994 | 57.042 | -9.558 | -3.776 | -61.760 | -1.439 | -18.594 | -29.710 | -68.234 | 62.897 | 27.555 | -12.781 | -5.470 | -6.200 | 19.467 | 13.816 | 77.827 | 17.317 | 6.224 | -19.773 | 50.833 | 27.911 | 24.972 | -11.265 | -25.627 | -8.265 | -47.597 | -77.219 | -63.066 | 0.045 | 9.499 |
| INT039 | 29.044 | 33.970 | 7.667 | -8.179 | -39.359 | 8.268 | -9.307 | 1.570 | -94.184 | 33.174 | 18.636 | 2.075 | -6.017 | -23.140 | 14.765 | -5.890 | 48.233 | -1.348 | 17.107 | -11.209 | 26.892 | 30.436 | 29.339 | -14.873 | -22.609 | -19.131 | -41.257 | -38.001 | -8.348 | 13.379 | |
| INT040 | 48.116 | 50.417 | 6.737 | -11.433 | -40.671 | -5.168 | 5.834 | 38.281 | -110.889 | 42.949 | 21.397 | 9.260 | 3.335 | -7.198 | 10.666 | 3.553 | 50.044 | 29.741 | 23.534 | -9.608 | 39.789 | 15.539 | 40.863 | 9.587 | -12.559 | -0.807 | -32.282 | -61.716 | -13.634 | 12.976 | 14.840 |
| INT041 | 13.032 | 3.599 | -3.541 | -18.810 | -28.742 | -30.229 | -3.816 | -27.878 | -151.659 | 11.015 | 1.022 | 21.148 | -21.540 | -55.227 | 33.014 | 5.889 | 56.497 | 62.508 | 11.208 | -5.311 | 14.509 | 17.752 | 28.790 | -33.720 | -42.718 | -40.935 | -71.733 | -49.965 | 26.573 | 8.773 | 3.475 |
| INT042 | 36.705 | 19.914 | -11.796 | -27.129 | -21.725 | -23.209 | -19.316 | -1.698 | -139.785 | 34.292 | -1.898 | 18.101 | -10.928 | -57.691 | 7.516 | 6.877 | 21.343 | 59.223 | -3.885 | 4.415 | 28.257 | 12.900 | 42.985 | -2.976 | -51.904 | -46.068 | -73.655 | -43.248 | 3.423 | 7.214 | 4.600 |
| INT043 | 25.895 | 20.602 | 4.661 | -31.019 | -2.756 | -18.734 | -18.827 | 11.241 | -85.918 | 12.438 | -25.087 | 32.993 | 8.125 | -52.186 | 26.048 | -17.340 | 71.286 | 47.012 | 8.099 | 12.324 | 28.019 | 9.615 | 31.672 | -4.452 | -42.493 | -54.007 | -38.878 | -75.152 | -19.080 | 40.219 | 13.649 |
| INT044 | 36.229 | 23.427 | -12.331 | -37.139 | -4.824 | -25.498 | -11.910 | 26.365 | -69.739 | 21.200 | 4.155 | 21.439 | 2.735 | -40.931 | 53.077 | -6.726 | 63.293 | 42.245 | 6.886 | 10.964 | 39.920 | -23.707 | 36.124 | -6.692 | -44.897 | -57.859 | -28.411 | -75.552 | -20.172 | 44.025 | 18.559 |
| INT045 | 48.690 | -36.222 | -35.199 | -20.180 | 11.901 | -28.074 | 2.374 | 26.636 | -17.913 | 16.598 | -12.362 | -8.237 | 7.130 | -12.505 | 65.739 | 30.510 | 73.284 | 54.574 | -4.254 | 18.615 | 21.050 | -25.475 | 54.308 | 1.750 | -22.050 | -70.853 | -27.276 | -70.512 | -26.257 | 4.298 | -10.807 |
| INT046 | 52.641 | -19.094 | -36.002 | -20.756 | 15.441 | -17.778 | -20.211 | 18.427 | -28.310 | 25.924 | -22.732 | 6.216 | 8.290 | -30.636 | 65.176 | 6.570 | 38.740 | 68.580 | -2.565 | 11.793 | 28.771 | -43.811 | 69.502 | 29.152 | -8.387 | -69.422 | -8.508 | -64.437 | -26.219 | 21.245 | -26.267 |
| INT047 | 67.451 | -17.706 | -13.694 | -10.398 | 24.064 | -9.209 | -33.490 | 17.755 | -2.885 | 3.611 | -11.115 | 11.082 | 2.163 | 0.949 | 83.005 | 8.541 | 54.860 | 47.301 | -2.616 | 10.275 | 23.008 | -69.035 | 37.476 | 18.606 | -21.280 | -69.017 | -14.976 | -52.872 | -72.947 | 18.528 | 14.613 |
| INT048 | 67.087 | -13.151 | -32.146 | -17.412 | 31.220 | -33.807 | -22.971 | 5.700 | 11.033 | 2.540 | -16.582 | 15.231 | 9.096 | -3.016 | 68.009 | 16.917 | 27.891 | 64.093 | 6.185 | 26.071 | 28.622 | -47.892 | 51.644 | 21.527 | -6.819 | -70.230 | -21.245 | -40.577 | -53.934 | 30.799 | -9.421 |
| INT049 | 56.171 | 12.873 | -32.756 | -4.461 | 30.051 | -49.522 | -14.964 | 12.543 | -12.572 | 29.272 | -6.234 | -30.177 | 15.271 | 9.661 | 61.984 | 23.151 | 44.614 | 78.436 | 2.536 | 9.556 | 31.530 | -22.768 | 42.024 | 34.984 | 15.661 | -104.319 | -54.652 | -9.233 | -23.333 | 26.287 | -17.255 |
| INT050 | 58.736 | 0.755 | -37.217 | -0.865 | 27.661 | -59.192 | -12.402 | 9.483 | -21.268 | 39.235 | -0.300 | -34.584 | 29.960 | 15.178 | 45.661 | 8.496 | 38.426 | 79.097 | -5.654 | 11.231 | 40.783 | -9.080 | 38.774 | 39.810 | 17.786 | -86.132 | -61.241 | -24.702 | -28.550 | 46.570 | -21.676 |
| INT051 | 41.704 | 26.143 | -22.164 | 0.930 | 19.502 | -40.031 | -21.030 | 17.978 | -18.077 | 38.369 | 3.175 | -36.846 | 11.933 | 0.496 | 79.649 | -24.618 | -14.607 | 101.586 | 3.296 | 7.857 | 30.693 | -36.810 | 26.706 | 24.169 | 17.049 | -56.443 | -48.735 | -5.826 | -34.445 | 80.813 | -41.021 |
| INT052 | 48.995 | 16.616 | -15.091 | -9.584 | 22.730 | -36.314 | -18.015 | -0.540 | -30.543 | 35.225 | 21.284 | -24.857 | 17.668 | -0.324 | 50.973 | -39.495 | -20.998 | 111.952 | 5.207 | -0.226 | 43.462 | -25.859 | 38.573 | -1.604 | 1.578 | -60.416 | -37.712 | -17.815 | -35.692 | 95.262 | -33.478 |
| INT053 | 38.750 | 53.119 | -2.437 | -35.255 | 27.797 | -47.088 | -11.045 | 30.491 | -71.694 | 66.003 | 45.920 | -11.449 | 12.138 | 5.826 | 58.396 | -4.351 | -20.216 | 96.357 | 2.551 | -40.868 | 40.769 | 5.625 | 34.632 | 13.922 | 6.724 | -59.606 | -39.208 | -17.628 | -7.753 | 70.259 | -10.485 |
| INT054 | 35.740 | 46.527 | -6.597 | -24.398 | 26.545 | -48.170 | -14.319 | -18.486 | -62.379 | 28.488 | 16.446 | -42.696 | -8.586 | 6.434 | 20.940 | -10.900 | -58.159 | 71.221 | -9.374 | -56.029 | 35.113 | 13.570 | 27.623 | 3.032 | 10.662 | -36.244 | -16.857 | -15.463 | -33.846 | 33.961 | -36.689 |
| INT055 | 21.420 | 62.476 | -0.072 | -17.525 | 25.601 | -40.993 | 16.276 | -20.515 | -42.927 | 36.298 | 43.216 | -41.241 | 2.606 | 20.021 | 2.159 | -4.449 | -62.964 | 44.794 | -7.466 | -71.558 | 39.651 | 10.961 | 19.577 | -5.710 | -27.319 | -32.966 | -1.144 | -16.174 | -49.046 | 57.727 | -64.752 |
| INT056 | 36.778 | 53.421 | 2.741 | -21.527 | 18.810 | -40.064 | 22.708 | -26.154 | -14.894 | 10.788 | 38.120 | -24.976 | 14.362 | 33.383 | 13.056 | -26.043 | -102.439 | 64.872 | -19.223 | -46.293 | 43.609 | -7.530 | 21.622 | -21.923 | -3.973 | -29.830 | 20.702 | -33.110 | -61.453 | 41.269 | 21.287 |
| INT057 | 39.719 | 28.198 | -5.405 | -6.899 | 14.604 | 5.941 | 16.980 | -25.444 | -35.110 | -19.214 | 6.590 | 14.334 | 15.777 | 20.160 | 8.371 | 0.944 | -76.330 | 34.913 | -9.036 | -11.914 | 23.510 | -3.460 | 42.006 | -19.280 | 6.403 | -37.770 | -11.091 | -47.405 | -70.221 | -20.028 | -37.336 |
| INT058 | 30.746 | 50.106 | -10.771 | -11.815 | -1.137 | 24.904 | 26.346 | -65.044 | -38.346 | -37.793 | 20.026 | 11.035 | 9.919 | 12.211 | 22.775 | -2.851 | -62.759 | 42.377 | -10.142 | -16.008 | 17.479 | 13.008 | 26.207 | -39.155 | -3.667 | -43.103 | -27.670 | -43.290 | -107.077 | -14.770 | -25.821 |
| INT059 | 23.080 | 40.339 | 20.233 | -5.939 | -7.399 | 36.397 | 26.123 | -70.551 | -16.096 | -22.572 | 32.733 | 12.160 | 2.444 | 31.119 | -1.276 | 6.595 | -57.455 | 8.665 | -21.717 | 2.251 | 0.287 | 21.086 | 23.703 | -23.678 | -14.609 | -73.814 | -15.843 | -57.902 | -113.754 | 9.687 | -33.071 |
| INT060 | 38.644 | 31.492 | -3.828 | -5.943 | -12.147 | 26.962 | -6.968 | -85.146 | -6.816 | 4.766 | 23.220 | 11.522 | -8.321 | 25.726 | 13.699 | 22.308 | -44.645 | 29.147 | -21.454 | 8.326 | 8.140 | 12.309 | 21.065 | -1.244 | -15.951 | -82.672 | -34.950 | -86.549 | -92.695 | 29.269 | -31.178 |
| INT061 | 42.000 | 31.741 | 4.260 | 3.677 | 20.871 | 33.260 | -30.055 | -45.791 | -11.425 | 11.257 | 17.670 | 11.249 | 10.751 | 23.164 | 7.764 | 17.337 | -83.918 | 29.252 | -21.078 | 10.145 | -2.931 | 3.691 | 28.480 | -11.339 | -23.696 | -60.869 | -45.633 | -53.798 | -70.195 | 4.859 | 11.242 |
| INT062 | 47.804 | -5.944 | -5.659 | -7.276 | 1.978 | 41.312 | -43.026 | -54.274 | -9.235 | -21.196 | 10.639 | 7.069 | 14.766 | 20.409 | 6.017 | 53.664 | -89.379 | 27.497 | -37.063 | 8.762 | -1.917 | 25.226 | 4.159 | 13.707 | -27.903 | -50.563 | -59.756 | -5.171 | -49.754 | -8.961 | -10.002 |
| INT063 | 62.244 | 4.580 | -5.132 | -0.390 | -11.572 | 26.589 | -12.145 | -54.194 | 7.694 | -0.739 | 3.453 | 18.100 | 1.001 | 26.674 | -7.872 | 56.367 | -100.891 | 30.256 | -28.477 | 13.464 | 15.392 | 18.772 | 32.436 | -7.982 | -34.316 | 47.799 | -39.197 | -13.523 | -39.664 | -0.076 | -32.431 |
| INT064 | 41.511 | -9.925 | -30.842 | -18.953 | -10.775 | 17.128 | -32.431 | -6.935 | -7.016 | 19.603 | -8.698 | 2.184 | -4.805 | 18.403 | 7.307 | 86.265 | -121.253 | 37.378 | 0.226 | -2.559 | 9.216 | 5.012 | 33.165 | -15.474 | -24.791 | -36.903 | -38.141 | -23.108 | -12.541 | -6.136 | -20.519 |
| INT065 | 54.848 | 24.811 | 18.261 | 15.456 | 41.216 | 6.378 | -36.019 | -5.717 | 12.332 | 7.774 | 13.791 | -34.344 | -17.267 | 13.690 | 30.274 | 60.207 | -151.258 | 61.829 | 28.371 | -9.478 | 45.474 | 46.324 | 41.093 | 7.646 | 23.296 | -15.625 | -4.579 | 0.466 | 25.728 | -38.500 | -12.923 |
| INT066 | 76.353 | 26.633 | -5.062 | 16.285 | 17.244 | 16.406 | -56.197 | -15.039 | -6.728 | -21.784 | 8.770 | -28.720 | -28.545 | -7.367 | 10.062 | 88.561 | -127.936 | 70.306 | 16.112 | -37.674 | 58.698 | 26.738 | 38.510 | -15.095 | 33.653 | -23.416 | -22.108 | -22.578 | 61.422 | -36.378 | -5.444 |
| INT067 | 54.346 | 44.836 | 18.444 | 9.995 | -17.325 | 20.516 | -78.954 | -38.380 | 10.856 | -4.802 | 5.112 | -49.895 | -35.189 | 2.997 | -17.509 | 66.228 | -103.428 | 72.230 | -5.830 | -50.622 | 55.412 | 55.029 | 29.907 | -19.178 | 47.376 | -30.862 | -26.276 | -58.554 | 60.716 | -15.087 | -29.747 |
| INT068 | 65.594 | 49.741 | -29.843 | -19.645 | -30.068 | 16.769 | -80.940 | -65.380 | -20.845 | 17.161 | 2.520 | -40.778 | -40.886 | -2.555 | -20.665 | 29.682 | -107.357 | 51.280 | -15.018 | -61.615 | 48.819 | 49.892 | 63.007 | -4.836 | 36.355 | -25.163 | -30.752 | -76.863 | 71.025 | 7.999 | -19.297 |
| INT069 | 53.002 | 49.954 | 20.364 | -20.445 | 28.173 | 23.411 | -54.922 | -68.795 | 8.190 | -15.828 | 12.348 | 47.854 | -2.051 | -5.716 | -0.557 | 14.435 | -30.553 | 62.065 | 1.952 | -8.628 | 64.330 | 3.561 | 81.901 | 29.264 | 64.428 | 15.341 | -17.687 | 20.964 | 68.377 | 8.788 | 2.973 |
| INT070 | 46.742 | 47.032 | -1.102 | -4.890 | -0.417 | 36.530 | -41.643 | -101.254 | 14.616 | -11.026 | 39.347 | 22.490 | -15.157 | -19.173 | 1.847 | 32.438 | 12.188 | 49.811 | 13.097 | 0.605 | 66.451 | -15.064 | 16.822 | 10.564 | 27.555 | -4.224 | -29.406 | 13.824 | 103.206 | 9.865 | 1.225 |
| INT071 | 29.076 | 36.180 | -2.033 | 2.143 | -3.219 | 60.341 | -45.766 | -118.800 | 21.468 | 25.444 | 51.409 | 17.020 | -31.375 | -10.167 | -3.538 | 37.831 | 3.035 | 22.733 | 11.688 | 1.530 | 32.444 | -5.067 | 7.566 | 16.178 | 6.109 | 2.543 | -58.966 | -27.529 | 115.844 | 36.367 | -1.823 |
| INT072 | 15.587 | 22.894 | -31.244 | -37.154 | -11.444 | 40.773 | -27.109 | -124.573 | 5.984 | 61.868 | 41.569 | 6.070 | -60.249 | -16.253 | 39.045 | 28.861 | -14.228 | 25.285 | -9.484 | 14.749 | 34.630 | -22.758 | 4.764 | 8.463 | 10.613 | -39.379 | -90.936 | -44.037 | 98.501 | 9.458 | -8.852 |
| INT073 | 39.865 | 71.396 | 39.907 | -26.737 | 34.662 | 43.075 | -6.708 | -47.317 | 46.779 | 63.017 | 102.964 | 68.158 | 19.941 | 43.501 | 38.336 | 55.042 | 12.825 | 46.386 | 10.536 | 43.980 | 19.848 | -27.636 | 19.108 | 36.385 | 70.880 | 11.829 | -53.432 | -0.358 | 157.566 | 31.567 | 37.519 |
| INT074 | -3.881 | 58.279 | 26.380 | -43.509 | 22.175 | 29.924 | -26.296 | -58.661 | 47.511 | 42.511 | 84.814 | 78.463 | 29.175 | 25.985 | 37.778 | 65.740 | 37.760 | 35.352 | 11.684 | 25.955 | -16.336 | -16.306 | -24.314 | 13.272 | 62.511 | -17.843 | -47.582 | -4.792 | 163.916 | 32.528 | 62.096 |
| INT075 | 18.478 | 23.902 | -8.592 | -45.176 | 14.085 | 33.933 | -42.135 | -50.437 | 46.441 | 46.073 | 81.911 | 69.999 | 31.279 | 16.982 | 51.591 | 74.572 | 55.070 | 41.606 | 15.193 | 25.690 | -30.731 | 9.747 | -32.605 | -3.846 | 30.475 | -59.392 | -71.607 | -36.459 | 164.597 | 15.527 | 57.485 |
| INT076 | -20.987 | 13.708 | -27.478 | -101.114 | 23.352 | -47.590 | -62.555 | -55.078 | 75.892 | 62.427 | 81.566 | 44.491 | 0.750 | 33.989 | 52.216 | 89.335 | 58.659 | 22.776 | -19.202 | 3.141 | -43.828 | 22.470 | -55.205 | -50.430 | 24.418 | -99.841 | -110.823 | -63.657 | 134.949 | -18.809 | 21.858 |
| INT077 | 16.641 | 30.842 | -1.931 | -76.955 | 63.535 | -86.603 | 16.994 | -1.597 | 114.856 | 84.977 | 78.906 | 66.434 | 36.481 | 59.035 | 36.492 | 50.062 | 79.228 | 52.808 | 18.955 | 30.385 | -36.853 | 82.310 | -14.642 | -23.703 | 16.210 | -44.385 | -23.610 | 7.672 | 98.972 | -15.791 | 53.876 |
| INT078 | 0.801 | 15.541 | -12.305 | -80.029 | 74.279 | -84.745 | 22.168 | -12.793 | 159.569 | 82.754 | 57.992 | 56.046 | 33.385 | 78.655 | 5.811 | 95.515 | 123.148 | 20.681 | 18.004 | 18.785 | -40.658 | 96.354 | -38.663 | -42.652 | -3.531 | -47.064 | -29.305 | -7.868 | 80.140 | -24.094 | 59.748 |
| INT079 | -36.715 | -25.238 | -48.190 | -71.808 | 69.366 | -70.740 | 19.430 | -36.295 | 165.493 | 75.878 | 42.971 | 22.685 | 13.711 | 84.399 | -14.705 | 128.420 | 134.640 | 6.092 | 17.144 | 38.343 | -34.366 | 70.619 | -33.860 | -62.210 | -37.265 | -34.576 | -52.694 | -24.877 | 61.421 | -22.291 | 45.479 |
| INT080 | -65.731 | -29.936 | -65.013 | -121.420 | 57.227 | -75.168 | 23.707 | -58.234 | 150.061 | 80.804 | 40.596 | -2.120 | -11.973 | 48.240 | 9.973 | 156.304 | 95.165 | -11.364 | -10.062 | 16.128 | -29.424 | 48.095 | -57.616 | -84.856 | -39.651 | -64.156 | -72.567 | -39.331 | 55.691 | -46.647 | 33.825 |
| INT081 | -46.092 | 26.723 | -14.006 | -61.771 | 45.614 | -79.671 | 64.985 | -40.314 | 138.723 | 