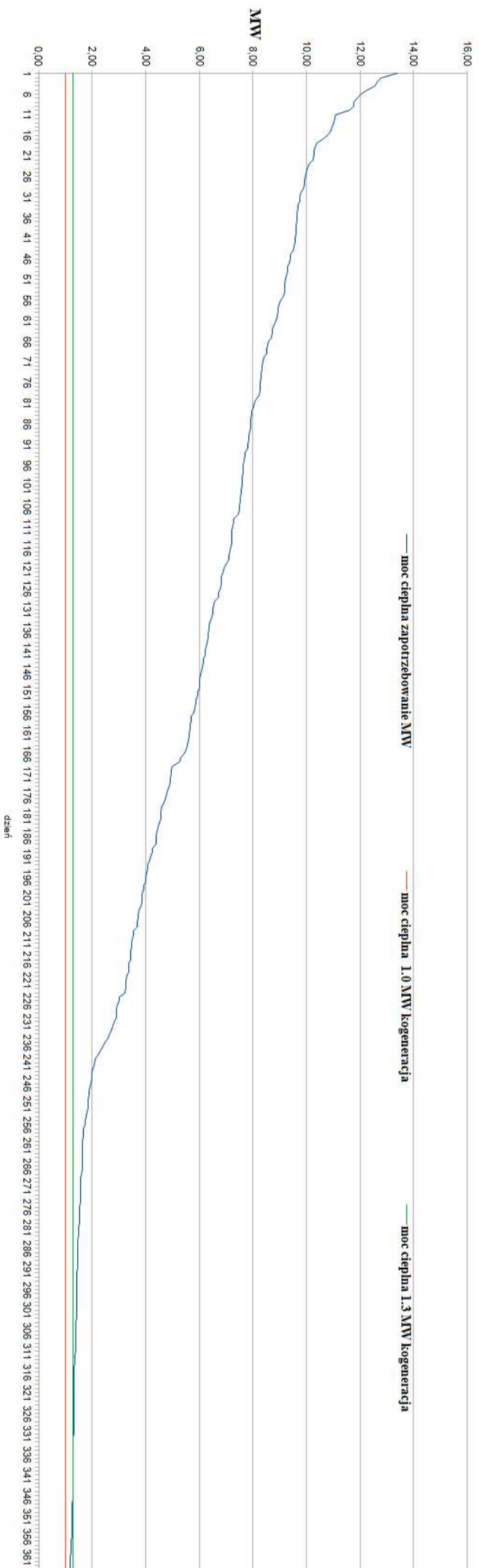


Wykres uporządkowany zapotrzebowania na ciepło w roku 2019



Arkusz1

| data | moc cieplna zapotrzebowa nie MW | moc cieplna 1.0 MW kogeneracja | moc cieplna 1.3 MW kogeneracja |
|-------------|--|---|---|
| 1 | 13,39 | 1,0 | 1,3 |
| 2 | 12,78 | 1,0 | 1,3 |
| 3 | 12,64 | 1,0 | 1,3 |
| 4 | 12,57 | 1,0 | 1,3 |
| 5 | 12,25 | 1,0 | 1,3 |
| 6 | 12,04 | 1,0 | 1,3 |
| 7 | 11,90 | 1,0 | 1,3 |
| 8 | 11,77 | 1,0 | 1,3 |
| 9 | 11,76 | 1,0 | 1,3 |
| 10 | 11,62 | 1,0 | 1,3 |
| 11 | 11,11 | 1,0 | 1,3 |
| 12 | 11,05 | 1,0 | 1,3 |
| 13 | 11,01 | 1,0 | 1,3 |
| 14 | 10,94 | 1,0 | 1,3 |
| 15 | 10,91 | 1,0 | 1,3 |
| 16 | 10,77 | 1,0 | 1,3 |
| 17 | 10,61 | 1,0 | 1,3 |
| 18 | 10,37 | 1,0 | 1,3 |
| 19 | 10,30 | 1,0 | 1,3 |
| 20 | 10,27 | 1,0 | 1,3 |
| 21 | 10,26 | 1,0 | 1,3 |
| 22 | 10,24 | 1,0 | 1,3 |
| 23 | 10,12 | 1,0 | 1,3 |
| 24 | 10,03 | 1,0 | 1,3 |
| 25 | 9,98 | 1,0 | 1,3 |
| 26 | 9,95 | 1,0 | 1,3 |
| 27 | 9,92 | 1,0 | 1,3 |
| 28 | 9,91 | 1,0 | 1,3 |
| 29 | 9,89 | 1,0 | 1,3 |
| 30 | 9,79 | 1,0 | 1,3 |
| 31 | 9,76 | 1,0 | 1,3 |
| 32 | 9,74 | 1,0 | 1,3 |
| 33 | 9,69 | 1,0 | 1,3 |
| 34 | 9,68 | 1,0 | 1,3 |
| 35 | 9,65 | 1,0 | 1,3 |
| 36 | 9,64 | 1,0 | 1,3 |
| 37 | 9,63 | 1,0 | 1,3 |
| 38 | 9,61 | 1,0 | 1,3 |
| 39 | 9,60 | 1,0 | 1,3 |
| 40 | 9,59 | 1,0 | 1,3 |
| 41 | 9,57 | 1,0 | 1,3 |
| 42 | 9,56 | 1,0 | 1,3 |
| 43 | 9,54 | 1,0 | 1,3 |
| 44 | 9,50 | 1,0 | 1,3 |
| 45 | 9,40 | 1,0 | 1,3 |
| 46 | 9,39 | 1,0 | 1,3 |
| 47 | 9,37 | 1,0 | 1,3 |
| 48 | 9,31 | 1,0 | 1,3 |
| 49 | 9,30 | 1,0 | 1,3 |
| 50 | 9,27 | 1,0 | 1,3 |
| 51 | 9,21 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 52 | 9,20 | 1,0 | 1,3 |
| 53 | 9,18 | 1,0 | 1,3 |
| 54 | 9,18 | 1,0 | 1,3 |
| 55 | 9,16 | 1,0 | 1,3 |
| 56 | 9,03 | 1,0 | 1,3 |
| 57 | 8,98 | 1,0 | 1,3 |
| 58 | 8,94 | 1,0 | 1,3 |
| 59 | 8,94 | 1,0 | 1,3 |
| 60 | 8,89 | 1,0 | 1,3 |
| 61 | 8,87 | 1,0 | 1,3 |
| 62 | 8,78 | 1,0 | 1,3 |
| 63 | 8,73 | 1,0 | 1,3 |
| 64 | 8,71 | 1,0 | 1,3 |
| 65 | 8,70 | 1,0 | 1,3 |
| 66 | 8,57 | 1,0 | 1,3 |
| 67 | 8,54 | 1,0 | 1,3 |
| 68 | 8,52 | 1,0 | 1,3 |
| 69 | 8,51 | 1,0 | 1,3 |
| 70 | 8,39 | 1,0 | 1,3 |
| 71 | 8,36 | 1,0 | 1,3 |
| 72 | 8,35 | 1,0 | 1,3 |
| 73 | 8,33 | 1,0 | 1,3 |
| 74 | 8,32 | 1,0 | 1,3 |
| 75 | 8,30 | 1,0 | 1,3 |
| 76 | 8,29 | 1,0 | 1,3 |
| 77 | 8,28 | 1,0 | 1,3 |
| 78 | 8,26 | 1,0 | 1,3 |
| 79 | 8,24 | 1,0 | 1,3 |
| 80 | 8,13 | 1,0 | 1,3 |
| 81 | 8,07 | 1,0 | 1,3 |
| 82 | 8,03 | 1,0 | 1,3 |
| 83 | 7,95 | 1,0 | 1,3 |
| 84 | 7,94 | 1,0 | 1,3 |
| 85 | 7,93 | 1,0 | 1,3 |
| 86 | 7,91 | 1,0 | 1,3 |
| 87 | 7,91 | 1,0 | 1,3 |
| 88 | 7,90 | 1,0 | 1,3 |
| 89 | 7,85 | 1,0 | 1,3 |
| 90 | 7,84 | 1,0 | 1,3 |
| 91 | 7,81 | 1,0 | 1,3 |
| 92 | 7,80 | 1,0 | 1,3 |
| 93 | 7,72 | 1,0 | 1,3 |
| 94 | 7,71 | 1,0 | 1,3 |
| 95 | 7,68 | 1,0 | 1,3 |
| 96 | 7,63 | 1,0 | 1,3 |
| 97 | 7,63 | 1,0 | 1,3 |
| 98 | 7,62 | 1,0 | 1,3 |
| 99 | 7,61 | 1,0 | 1,3 |
| 100 | 7,61 | 1,0 | 1,3 |
| 101 | 7,60 | 1,0 | 1,3 |
| 102 | 7,55 | 1,0 | 1,3 |
| 103 | 7,55 | 1,0 | 1,3 |
| 104 | 7,53 | 1,0 | 1,3 |
| 105 | 7,51 | 1,0 | 1,3 |
| 106 | 7,49 | 1,0 | 1,3 |
| 107 | 7,48 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 108 | 7,47 | 1,0 | 1,3 |
| 109 | 7,29 | 1,0 | 1,3 |
| 110 | 7,28 | 1,0 | 1,3 |
| 111 | 7,26 | 1,0 | 1,3 |
| 112 | 7,22 | 1,0 | 1,3 |
| 113 | 7,22 | 1,0 | 1,3 |
| 114 | 7,21 | 1,0 | 1,3 |
| 115 | 7,21 | 1,0 | 1,3 |
| 116 | 7,18 | 1,0 | 1,3 |
| 117 | 7,16 | 1,0 | 1,3 |
| 118 | 7,11 | 1,0 | 1,3 |
| 119 | 7,09 | 1,0 | 1,3 |
| 120 | 6,99 | 1,0 | 1,3 |
| 121 | 6,94 | 1,0 | 1,3 |
| 122 | 6,90 | 1,0 | 1,3 |
| 123 | 6,84 | 1,0 | 1,3 |
| 124 | 6,81 | 1,0 | 1,3 |
| 125 | 6,81 | 1,0 | 1,3 |
| 126 | 6,80 | 1,0 | 1,3 |
| 127 | 6,71 | 1,0 | 1,3 |
| 128 | 6,70 | 1,0 | 1,3 |
| 129 | 6,58 | 1,0 | 1,3 |
| 130 | 6,55 | 1,0 | 1,3 |
| 131 | 6,51 | 1,0 | 1,3 |
| 132 | 6,49 | 1,0 | 1,3 |
| 133 | 6,47 | 1,0 | 1,3 |
| 134 | 6,41 | 1,0 | 1,3 |
| 135 | 6,38 | 1,0 | 1,3 |
| 136 | 6,37 | 1,0 | 1,3 |
| 137 | 6,33 | 1,0 | 1,3 |
| 138 | 6,33 | 1,0 | 1,3 |
| 139 | 6,30 | 1,0 | 1,3 |
| 140 | 6,24 | 1,0 | 1,3 |
| 141 | 6,24 | 1,0 | 1,3 |
| 142 | 6,21 | 1,0 | 1,3 |
| 143 | 6,15 | 1,0 | 1,3 |
| 144 | 6,14 | 1,0 | 1,3 |
| 145 | 6,10 | 1,0 | 1,3 |
| 146 | 6,08 | 1,0 | 1,3 |
| 147 | 6,04 | 1,0 | 1,3 |
| 148 | 6,01 | 1,0 | 1,3 |
| 149 | 6,01 | 1,0 | 1,3 |
| 150 | 6,00 | 1,0 | 1,3 |
| 151 | 5,96 | 1,0 | 1,3 |
| 152 | 5,95 | 1,0 | 1,3 |
| 153 | 5,88 | 1,0 | 1,3 |
| 154 | 5,87 | 1,0 | 1,3 |
| 155 | 5,84 | 1,0 | 1,3 |
| 156 | 5,80 | 1,0 | 1,3 |
| 157 | 5,70 | 1,0 | 1,3 |
| 158 | 5,70 | 1,0 | 1,3 |
| 159 | 5,68 | 1,0 | 1,3 |
| 160 | 5,67 | 1,0 | 1,3 |
| 161 | 5,62 | 1,0 | 1,3 |
| 162 | 5,62 | 1,0 | 1,3 |
| 163 | 5,60 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 164 | 5,56 | 1,0 | 1,3 |
| 165 | 5,51 | 1,0 | 1,3 |
| 166 | 5,43 | 1,0 | 1,3 |
| 167 | 5,31 | 1,0 | 1,3 |
| 168 | 5,28 | 1,0 | 1,3 |
| 169 | 4,97 | 1,0 | 1,3 |
| 170 | 4,97 | 1,0 | 1,3 |
| 171 | 4,95 | 1,0 | 1,3 |
| 172 | 4,93 | 1,0 | 1,3 |
| 173 | 4,91 | 1,0 | 1,3 |
| 174 | 4,88 | 1,0 | 1,3 |
| 175 | 4,80 | 1,0 | 1,3 |
| 176 | 4,77 | 1,0 | 1,3 |
| 177 | 4,75 | 1,0 | 1,3 |
| 178 | 4,68 | 1,0 | 1,3 |
| 179 | 4,60 | 1,0 | 1,3 |
| 180 | 4,58 | 1,0 | 1,3 |
| 181 | 4,56 | 1,0 | 1,3 |
| 182 | 4,56 | 1,0 | 1,3 |
| 183 | 4,50 | 1,0 | 1,3 |
| 184 | 4,46 | 1,0 | 1,3 |
| 185 | 4,42 | 1,0 | 1,3 |
| 186 | 4,39 | 1,0 | 1,3 |
| 187 | 4,39 | 1,0 | 1,3 |
| 188 | 4,38 | 1,0 | 1,3 |
| 189 | 4,26 | 1,0 | 1,3 |
| 190 | 4,24 | 1,0 | 1,3 |
| 191 | 4,16 | 1,0 | 1,3 |
| 192 | 4,14 | 1,0 | 1,3 |
| 193 | 4,07 | 1,0 | 1,3 |
| 194 | 4,06 | 1,0 | 1,3 |
| 195 | 4,03 | 1,0 | 1,3 |
| 196 | 4,01 | 1,0 | 1,3 |
| 197 | 4,00 | 1,0 | 1,3 |
| 198 | 3,95 | 1,0 | 1,3 |
| 199 | 3,92 | 1,0 | 1,3 |
| 200 | 3,86 | 1,0 | 1,3 |
| 201 | 3,85 | 1,0 | 1,3 |
| 202 | 3,85 | 1,0 | 1,3 |
| 203 | 3,83 | 1,0 | 1,3 |
| 204 | 3,75 | 1,0 | 1,3 |
| 205 | 3,72 | 1,0 | 1,3 |
| 206 | 3,70 | 1,0 | 1,3 |
| 207 | 3,69 | 1,0 | 1,3 |
| 208 | 3,69 | 1,0 | 1,3 |
| 209 | 3,54 | 1,0 | 1,3 |
| 210 | 3,53 | 1,0 | 1,3 |
| 211 | 3,50 | 1,0 | 1,3 |
| 212 | 3,47 | 1,0 | 1,3 |
| 213 | 3,46 | 1,0 | 1,3 |
| 214 | 3,43 | 1,0 | 1,3 |
| 215 | 3,43 | 1,0 | 1,3 |
| 216 | 3,43 | 1,0 | 1,3 |
| 217 | 3,38 | 1,0 | 1,3 |
| 218 | 3,37 | 1,0 | 1,3 |
| 219 | 3,37 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 220 | 3,29 | 1,0 | 1,3 |
| 221 | 3,27 | 1,0 | 1,3 |
| 222 | 3,25 | 1,0 | 1,3 |
| 223 | 3,25 | 1,0 | 1,3 |
| 224 | 3,21 | 1,0 | 1,3 |
| 225 | 3,03 | 1,0 | 1,3 |
| 226 | 3,02 | 1,0 | 1,3 |
| 227 | 2,95 | 1,0 | 1,3 |
| 228 | 2,92 | 1,0 | 1,3 |
| 229 | 2,91 | 1,0 | 1,3 |
| 230 | 2,91 | 1,0 | 1,3 |
| 231 | 2,83 | 1,0 | 1,3 |
| 232 | 2,77 | 1,0 | 1,3 |
| 233 | 2,72 | 1,0 | 1,3 |
| 234 | 2,65 | 1,0 | 1,3 |
| 235 | 2,60 | 1,0 | 1,3 |
| 236 | 2,49 | 1,0 | 1,3 |
| 237 | 2,42 | 1,0 | 1,3 |
| 238 | 2,30 | 1,0 | 1,3 |
| 239 | 2,23 | 1,0 | 1,3 |
| 240 | 2,15 | 1,0 | 1,3 |
| 241 | 2,10 | 1,0 | 1,3 |
| 242 | 2,08 | 1,0 | 1,3 |
| 243 | 1,99 | 1,0 | 1,3 |
| 244 | 1,98 | 1,0 | 1,3 |
| 245 | 1,98 | 1,0 | 1,3 |
| 246 | 1,96 | 1,0 | 1,3 |
| 247 | 1,91 | 1,0 | 1,3 |
| 248 | 1,88 | 1,0 | 1,3 |
| 249 | 1,87 | 1,0 | 1,3 |
| 250 | 1,87 | 1,0 | 1,3 |
| 251 | 1,84 | 1,0 | 1,3 |
| 252 | 1,84 | 1,0 | 1,3 |
| 253 | 1,80 | 1,0 | 1,3 |
| 254 | 1,78 | 1,0 | 1,3 |
| 255 | 1,74 | 1,0 | 1,3 |
| 256 | 1,74 | 1,0 | 1,3 |
| 257 | 1,69 | 1,0 | 1,3 |
| 258 | 1,67 | 1,0 | 1,3 |
| 259 | 1,67 | 1,0 | 1,3 |
| 260 | 1,65 | 1,0 | 1,3 |
| 261 | 1,65 | 1,0 | 1,3 |
| 262 | 1,65 | 1,0 | 1,3 |
| 263 | 1,65 | 1,0 | 1,3 |
| 264 | 1,64 | 1,0 | 1,3 |
| 265 | 1,63 | 1,0 | 1,3 |
| 266 | 1,63 | 1,0 | 1,3 |
| 267 | 1,63 | 1,0 | 1,3 |
| 268 | 1,61 | 1,0 | 1,3 |
| 269 | 1,58 | 1,0 | 1,3 |
| 270 | 1,57 | 1,0 | 1,3 |
| 271 | 1,56 | 1,0 | 1,3 |
| 272 | 1,56 | 1,0 | 1,3 |
| 273 | 1,56 | 1,0 | 1,3 |
| 274 | 1,56 | 1,0 | 1,3 |
| 275 | 1,55 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 276 | 1,55 | 1,0 | 1,3 |
| 277 | 1,54 | 1,0 | 1,3 |
| 278 | 1,53 | 1,0 | 1,3 |
| 279 | 1,53 | 1,0 | 1,3 |
| 280 | 1,52 | 1,0 | 1,3 |
| 281 | 1,51 | 1,0 | 1,3 |
| 282 | 1,49 | 1,0 | 1,3 |
| 283 | 1,48 | 1,0 | 1,3 |
| 284 | 1,47 | 1,0 | 1,3 |
| 285 | 1,47 | 1,0 | 1,3 |
| 286 | 1,47 | 1,0 | 1,3 |
| 287 | 1,47 | 1,0 | 1,3 |
| 288 | 1,46 | 1,0 | 1,3 |
| 289 | 1,46 | 1,0 | 1,3 |
| 290 | 1,45 | 1,0 | 1,3 |
| 291 | 1,45 | 1,0 | 1,3 |
| 292 | 1,44 | 1,0 | 1,3 |
| 293 | 1,44 | 1,0 | 1,3 |
| 294 | 1,44 | 1,0 | 1,3 |
| 295 | 1,44 | 1,0 | 1,3 |
| 296 | 1,44 | 1,0 | 1,3 |
| 297 | 1,44 | 1,0 | 1,3 |
| 298 | 1,42 | 1,0 | 1,3 |
| 299 | 1,42 | 1,0 | 1,3 |
| 300 | 1,42 | 1,0 | 1,3 |
| 301 | 1,42 | 1,0 | 1,3 |
| 302 | 1,41 | 1,0 | 1,3 |
| 303 | 1,41 | 1,0 | 1,3 |
| 304 | 1,40 | 1,0 | 1,3 |
| 305 | 1,40 | 1,0 | 1,3 |
| 306 | 1,39 | 1,0 | 1,3 |
| 307 | 1,39 | 1,0 | 1,3 |
| 308 | 1,39 | 1,0 | 1,3 |
| 309 | 1,39 | 1,0 | 1,3 |
| 310 | 1,38 | 1,0 | 1,3 |
| 311 | 1,38 | 1,0 | 1,3 |
| 312 | 1,35 | 1,0 | 1,3 |
| 313 | 1,35 | 1,0 | 1,3 |
| 314 | 1,34 | 1,0 | 1,3 |
| 315 | 1,34 | 1,0 | 1,3 |
| 316 | 1,34 | 1,0 | 1,3 |
| 317 | 1,33 | 1,0 | 1,3 |
| 318 | 1,33 | 1,0 | 1,3 |
| 319 | 1,33 | 1,0 | 1,3 |
| 320 | 1,33 | 1,0 | 1,3 |
| 321 | 1,32 | 1,0 | 1,3 |
| 322 | 1,32 | 1,0 | 1,3 |
| 323 | 1,32 | 1,0 | 1,3 |
| 324 | 1,32 | 1,0 | 1,3 |
| 325 | 1,32 | 1,0 | 1,3 |
| 326 | 1,32 | 1,0 | 1,3 |
| 327 | 1,32 | 1,0 | 1,3 |
| 328 | 1,31 | 1,0 | 1,3 |
| 329 | 1,31 | 1,0 | 1,3 |
| 330 | 1,31 | 1,0 | 1,3 |
| 331 | 1,31 | 1,0 | 1,3 |

Arkusz1

| | | | |
|-----|------|-----|-----|
| 332 | 1,30 | 1,0 | 1,3 |
| 333 | 1,30 | 1,0 | 1,3 |
| 334 | 1,30 | 1,0 | 1,3 |
| 335 | 1,30 | 1,0 | 1,3 |
| 336 | 1,30 | 1,0 | 1,3 |
| 337 | 1,30 | 1,0 | 1,3 |
| 338 | 1,29 | 1,0 | 1,3 |
| 339 | 1,29 | 1,0 | 1,3 |
| 340 | 1,29 | 1,0 | 1,3 |
| 341 | 1,29 | 1,0 | 1,3 |
| 342 | 1,28 | 1,0 | 1,3 |
| 343 | 1,28 | 1,0 | 1,3 |
| 344 | 1,28 | 1,0 | 1,3 |
| 345 | 1,28 | 1,0 | 1,3 |
| 346 | 1,28 | 1,0 | 1,3 |
| 347 | 1,27 | 1,0 | 1,3 |
| 348 | 1,27 | 1,0 | 1,3 |
| 349 | 1,27 | 1,0 | 1,3 |
| 350 | 1,27 | 1,0 | 1,3 |
| 351 | 1,27 | 1,0 | 1,3 |
| 352 | 1,26 | 1,0 | 1,3 |
| 353 | 1,26 | 1,0 | 1,3 |
| 354 | 1,25 | 1,0 | 1,3 |
| 355 | 1,24 | 1,0 | 1,3 |
| 356 | 1,23 | 1,0 | 1,3 |
| 357 | 1,23 | 1,0 | 1,3 |
| 358 | 1,23 | 1,0 | 1,3 |
| 359 | 1,21 | 1,0 | 1,3 |
| 360 | 1,20 | 1,0 | 1,3 |
| 361 | 1,20 | 1,0 | 1,3 |
| 362 | 1,18 | 1,0 | 1,3 |
| 363 | 1,18 | 1,0 | 1,3 |
| 364 | 1,18 | 1,0 | 1,3 |
| 365 | 1,18 | 1,0 | 1,3 |