

Coal Plants by Country: Lifetime CO2 (Million Tonnes)

July 2017 - Includes units 30 MW and larger

| Country | Announced | Pre-permit | Permitted | Announced + Pre-permit + Permitted | Construction | Shelved | Operating | Cancelled 2010-2017 |
|----------------------|-----------|------------|-----------|--|--------------|---------|-----------|------------------------|
| China | 11,835 | 8,250 | 5,269 | 25,354 | 24,496 [1] | 68,957 | 157,325 | 34,873 |
| India | 3,881 | 8,369 | 4,990 | 17,240 | 7,389 | 13,920 | 37,341 | 76,868 |
| Turkey | 3,919 | 4,960 | 1,404 | 10,283 | 440 | 3,307 | 2,806 | 4,559 |
| Indonesia | 3,228 | 1,733 | 874 | 5,835 | 1,163 | 2,256 | 4,876 | 1,416 |
| Vietnam | 2,033 | 2,774 | 1,159 | 5,966 | 1,977 | 1,631 | 2,751 | 4,120 |
| Japan | 361 | 1,911 | 232 | 2,504 | 855 | 0 | 7,336 | 368 |
| Egypt | 3,394 | 451 | 0 | 3,844 | 0 | 0 | 0 | 0 |
| Bangladesh | 1,607 | 654 | 217 | 2,477 | 263 | 884 | 43 | 85 |
| Pakistan | 516 | 850 | 463 | 1,830 | 625 | 935 | 299 | 2,210 |
| Philippines | 419 | 636 | 401 | 1,457 | 762 | 185 | 1,243 | 587 |
| South Korea | 0 | 555 | 341 | 896 | 1,131 | 427 | 5,767 | 633 |
| Russia | 1,545 | 0 | 0 | 1,545 | 42 | 132 | 8,453 | 1,624 |
| Thailand | 763 | 544 | 0 | 1,307 | 113 | 104 | 952 | 768 |
| Zimbabwe | 567 | 0 | 665 | 1,231 | 0 | 205 | 162 | 205 |
| South Africa | 285 | 215 | 456 | 956 | 1,307 | 283 | 6,892 | 2,282 |
| Poland | 524 | 266 | 167 | 957 | 734 | 0 | 4,700 | 2,820 |
| Mongolia | 0 | 1,056 | 317 | 1,373 | 138 | 43 | 122 | 211 |
| Myanmar | 104 | 9 | 85 | 198 | 0 | 1,688 | 28 | 1,498 |
| Botswana | 206 | 51 | 155 | 412 | 74 | 257 | 102 | 615 |
| Malawi | 531 | 0 | 73 | 603 | 0 | 0 | 0 | 0 |
| Bosnia & Herzegovina | 321 | 0 | 302 | 624 | 0 | 0 | 369 | 255 |
| Cambodia | 341 | 85 | 119 | 546 | 0 | 205 | 64 | 35 |
| Serbia | 454 | 62 | 0 | 516 | 0 | 0 | 776 | 57 |
| Mozambique | 229 | 86 | 102 | 417 | 0 | 279 | 0 | 256 |
| Chile | 180 | 59 | 128 | 368 | 64 | 83 | 876 | 1,179 |
| Nigeria | 0 | 0 | 207 | 207 | 0 | 341 | 0 | 20 |
| Germany | 0 | 189 | 0 | 189 | 178 | 151 | 8,719 | 2,730 |
| Tanzania | 114 | 115 | 102 | 332 | 0 | 0 | 0 | 81 |
| United Arab Emirates | 197 | 0 | 0 | 197 | 394 | 46 | 0 | 171 |
| Iran | 0 | 0 | 0 | 0 | 111 | 0 | 0 | 239 |
| Australia | 0 | 0 | 0 | 0 | 0 | 437 | 4,336 | 922 |
| Ukraine | 112 | 0 | 0 | 112 | 0 | 102 | 4,090 | 136 |
| United States | 0 | 0 | 152 | 152 | 0 | 60 | 47,878 | 4,432 |
| Brazil | 0 | 51 | 154 | 205 | 58 | 443 | 748 | 692 |
| Sri Lanka | 205 | 0 | 0 | 205 | 0 | 0 | 155 | 582 |
| Kenya | 0 | 178 | 22 | 201 | 0 | 0 | 0 | 103 |
| Venezuela | 171 | 0 | 0 | 171 | 0 | 0 | 0 | 310 |
| Jamaica | 171 | 0 | 0 | 171 | 0 | 0 | 0 | 24 |
| Zambia | 52 | 0 | 102 | 154 | 0 | 0 | 57 | 173 |

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|--------------------|-----------|------------|-----------|--|--------------|---------|-----------|------------------------|
| Taiwan | 0 | 259 | 138 | 397 | 392 | 1,282 | 2,737 | 876 |
| Laos | 119 | 0 | 0 | 119 | 0 | 113 | 339 | 0 |
| Senegal | 0 | 60 | 0 | 60 | 22 | 43 | 5 | 43 |
| Colombia | 94 | 60 | 0 | 154 | 43 | 60 | 239 | 0 |
| United Kingdom | 0 | 11 | 0 | 11 | 0 | 0 | 2,250 | 789 |
| Hungary | 0 | 87 | 0 | 87 | 0 | 0 | 226 | 515 |
| Kosovo | 0 | 90 | 0 | 90 | 0 | 0 | 233 | 59 |
| Greece | 80 | 0 | 0 | 80 | 113 | 0 | 873 | 134 |
| Morocco | 0 | 0 | 54 | 54 | 227 | 0 | 441 | 0 |
| FYROM | 54 | 21 | 0 | 75 | 0 | 54 | 126 | 0 |
| Dominican Republic | 0 | 0 | 0 | 0 | 133 | 93 | 52 | 256 |
| Tajikistan | 51 | 0 | 0 | 51 | 0 | 0 | 17 | 0 |
| Montenegro | 0 | 44 | 0 | 44 | 0 | 0 | 41 | 242 |
| Swaziland | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 258 |
| Georgia | 52 | 0 | 0 | 52 | 0 | 0 | 0 | 0 |
| Ghana | 0 | 0 | 0 | 0 | 0 | 358 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 597 | 0 | 1,700 | 362 |
| Kazakhstan | 0 | 0 | 0 | 0 | 110 | 0 | 1,833 | 217 |
| Kyrgyzstan | 0 | 0 | 0 | 0 | 51 | 205 | 145 | 0 |
| Italy | 0 | 0 | 0 | 0 | 0 | 31 | 1,490 | 1,017 |
| Spain | 0 | 0 | 0 | 0 | 0 | 0 | 1,828 | 136 |
| Czech Republic | 0 | 0 | 0 | 0 | 115 | 0 | 1,666 | 201 |
| Canada | 0 | 0 | 0 | 0 | 0 | 24 | 1,686 | 82 |
| Netherlands | 0 | 0 | 0 | 0 | 0 | 0 | 961 | 202 |
| Romania | 0 | 107 | 0 | 107 | 0 | 0 | 975 | 888 |
| Bulgaria | 0 | 0 | 0 | 0 | 0 | 0 | 899 | 468 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 911 | 316 |
| Israel | 0 | 0 | 0 | 0 | 0 | 0 | 835 | 215 |
| North Korea | 0 | 0 | 0 | 0 | 0 | 51 | 624 | 0 |
| France | 0 | 0 | 0 | 0 | 0 | 0 | 553 | 0 |
| Denmark | 0 | 0 | 0 | 0 | 0 | 0 | 459 | 0 |
| Uzbekistan | 0 | 0 | 0 | 0 | 0 | 52 | 443 | 0 |
| Finland | 0 | 0 | 0 | 0 | 0 | 0 | 359 | 64 |
| Portugal | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 0 |
| Moldova | 0 | 0 | 0 | 0 | 0 | 0 | 278 | 0 |
| Slovakia | 0 | 0 | 0 | 0 | 0 | 0 | 176 | 151 |
| Slovenia | 0 | 0 | 0 | 0 | 0 | 0 | 209 | 0 |
| Ireland | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 0 |
| Austria | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 134 |
| New Zealand | 0 | 0 | 0 | 0 | 0 | 0 | 86 | 0 |

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| | Announced | Pre-permit | Permitted | Announced + Pre-permit + Permitted | | | | |
| Argentina | 0 | 0 | 0 | 0 | 20 | 0 | 80 | 0 |
| Croatia | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 215 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 52 |
| Sweden | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 |
| Mauritius | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 19 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 23 |
| Madagascar | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| Namibia | 0 | 0 | 0 | 0 | 0 | 51 | 20 | 43 |
| Reunion | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| Syria | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| Albania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129 |
| Belarus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 255 |
| Belgium | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 184 |
| Democratic Republic of Congo | 0 | 0 | 0 | 0 | 0 | 86 | 0 | 0 |
| El Salvador | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| Guinea | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 |
| Latvia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| Oman | 256 | 0 | 0 | 256 | 0 | 0 | 0 | 0 |
| Panama | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 |
| Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 |
| Jordan | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Total | 38,970 | 34,850 | 18,853 | 92,673 | 44,200 | 99,944 | 335,961 | 156,896 |

[1] Note: China construction and shelved adjusted for scale control