

## Coal Plants by Country (Units) - January 2017

| Country                 | Announced | Pre-permit development | Permitted | Announced +<br>Pre-permit +<br>Permitted | Construction | Shelved | Operating | Cancelled<br>2010-2016 |
|-------------------------|-----------|------------------------|-----------|--|--------------|---------|-----------|------------------------|
| China                   | 108       | 100                    | 51        | 259                                      | 283          | 699     | 2769      | 271                    |
| India                   | 36        | 98                     | 38        | 172                                      | 93           | 130     | 889       | 525                    |
| Turkey                  | 10        | 48                     | 15        | 73                                       | 6            | 25      | 67        | 30                     |
| Indonesia               | 89        | 28                     | 8         | 125                                      | 26           | 18      | 131       | 35                     |
| Vietnam                 | 23        | 27                     | 4         | 54                                       | 34           | 3       | 46        | 40                     |
| Japan                   | 5         | 25                     | 4         | 34                                       | 11           | 0       | 126       | 2                      |
| Egypt                   | 16        | 4                      | 0         | 20                                       | 0            | 0       | 0         | 0                      |
| Bangladesh              | 17        | 9                      | 0         | 26                                       | 1            | 6       | 2         | 3                      |
| Pakistan                | 7         | 8                      | 9         | 24                                       | 11           | 15      | 4         | 25                     |
| Philippines             | 9         | 12                     | 11        | 32                                       | 20           | 6       | 38        | 12                     |
| South Korea             | 3         | 4                      | 2         | 9  | 7            | 2       | 82        | 5                      |
| Russia                  | 5         | 0                      | 0         | 5  | 2            | 2       | 354       | 23                     |
| Thailand                | 3         | 4                      | 0         | 7  | 1            | 4       | 21        | 7                      |
| Zimbabwe                | 3         | 0                      | 14        | 17                                       | 0            | 1       | 8         | 1                      |
| South Africa            | 3         | 3                      | 11        | 17                                       | 10           | 5       | 109       | 14                     |
| Poland                  | 0         | 4                      | 1         | 5  | 5            | 2       | 179       | 17                     |
| Mongolia                | 1         | 2                      | 6         | 9  | 6            | 2       | 9         | 5                      |
| Myanmar                 | 7         | 2                      | 1         | 10                                       | 0            | 13      | 3         | 9                      |
| Botswana                | 7         | 2                      | 6         | 15                                       | 6            | 0       | 4         | 8                      |
| Malawi                  | 4         | 0                      | 7         | 11                                       | 0            | 0       | 0         | 0                      |
| Bosnia &<br>Herzegovina | 6         | 1                      | 4         | 11                                       | 0            | 1       | 10        | 5                      |
| Cambodia                | 1         | 1                      | 4         | 6  | 1            | 4       | 4         | 1                      |
| Serbia                  | 7         | 1                      | 0         | 8  | 0            | 1       | 18        | 1                      |
| Mozambique              | 3         | 3                      | 2         | 8  | 0            | 2       | 0         | 1                      |
| Chile                   | 1         | 1                      | 4         | 6  | 1            | 1       | 27        | 22                     |

|                      |   |   |   |    |   |   |     |    |
|----------------------|---|---|---|----|---|---|-----|----|
| Nigeria              | 1 | 0 | 5 | 6  | 0 | 2 | 0   | 1  |
| Germany              | 0 | 2 | 0 | 2  | 1 | 1 | 147 | 33 |
| Tanzania             | 2 | 6 | 4 | 12 | 0 | 0 | 0   | 2  |
| United Arab Emirates | 2 | 0 | 1 | 3  | 4 | 0 | 0   | 1  |
| Iran                 | 0 | 0 | 4 | 4  | 2 | 0 | 0   | 0  |
| Australia            | 2 | 1 | 0 | 3  | 0 | 4 | 71  | 12 |
| Ukraine              | 3 | 1 | 0 | 4  | 0 | 1 | 112 | 1  |
| United States        | 0 | 1 | 1 | 2  | 1 | 0 | 698 | 42 |
| Brazil               | 0 | 1 | 3 | 4  | 1 | 7 | 23  | 7  |
| Sri Lanka            | 1 | 0 | 0 | 1  | 0 | 0 | 3   | 9  |
| Kenya                | 0 | 0 | 5 | 5  | 0 | 0 | 0   | 2  |
| Venezuela            | 1 | 0 | 0 | 1  | 0 | 0 | 0   | 4  |
| Jamaica              | 1 | 0 | 0 | 1  | 0 | 0 | 0   | 2  |
| Zambia               | 2 | 0 | 2 | 4  | 0 | 0 | 3   | 4  |
| Taiwan               | 0 | 0 | 1 | 1  | 5 | 8 | 55  | 6  |
| Laos                 | 2 | 0 | 0 | 2  | 0 | 1 | 3   | 0  |
| Senegal              | 0 | 3 | 0 | 3  | 0 | 1 | 1   | 2  |
| Colombia             | 2 | 1 | 0 | 3  | 1 | 1 | 13  | 0  |
| United Kingdom       | 0 | 1 | 0 | 1  | 0 | 1 | 31  | 17 |
| Hungary              | 0 | 1 | 0 | 1  | 0 | 0 | 12  | 7  |
| Kosovo               | 0 | 2 | 0 | 2  | 0 | 0 | 5   | 1  |
| Greece               | 1 | 0 | 0 | 1  | 1 | 0 | 17  | 6  |
| Morocco              | 0 | 0 | 1 | 1  | 2 | 0 | 12  | 0  |
| FYROM                | 1 | 0 | 0 | 1  | 0 | 1 | 4   | 0  |
| Dominican Republic   | 1 | 0 | 0 | 1  | 2 | 2 | 3   | 1  |
| Tajikistan           | 1 | 0 | 0 | 1  | 0 | 0 | 2   | 0  |
| Montenegro           | 0 | 1 | 0 | 1  | 0 | 1 | 1   | 2  |
| Swaziland            | 1 | 0 | 0 | 1  | 0 | 0 | 0   | 3  |

|                |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|----|
| Georgia        | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0  |
| Ghana          | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0  |
| Malaysia       | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 20 |
| Kazakhstan     | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 77 |
| Kyrgyzstan     | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 11 |
| Italy          | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 32 |
| Spain          | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 37 |
| Czech Republic | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 93 |
| Canada         | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 33 |
| Netherlands    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8  |
| Romania        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Bulgaria       | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 35 |
| Mexico         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Israel         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| North Korea    | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 44 |
| France         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Denmark        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9  |
| Uzbekistan     | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 |
| Finland        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Portugal       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6  |
| Moldova        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8  |
| Slovakia       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Slovenia       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6  |
| Ireland        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3  |
| Austria        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3  |
| New Zealand    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2  |
| Argentina      | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2  |
| Croatia        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2  |
| Guatemala      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Sweden         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4  |

|                                    |     |     |     |      |     |     |      |      |
|------------------------------------|-----|-----|-----|------|-----|-----|------|------|
| Mauritius                          | 0   | 0   | 0   | 0    | 0   | 0   | 5    | 2    |
| Peru                               | 0   | 0   | 0   | 0    | 0   | 0   | 1    | 1    |
| Madagascar                         | 0   | 0   | 0   | 0    | 0   | 0   | 3    | 0    |
| Namibia                            | 0   | 0   | 0   | 0    | 0   | 2   | 4    | 2    |
| Reunion                            | 0   | 0   | 0   | 0    | 0   | 0   | 2    | 0    |
| Syria                              | 0   | 0   | 0   | 0    | 0   | 0   | 2    | 0    |
| Albania                            | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 1    |
| Belarus                            | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 2    |
| Belgium                            | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 1    |
| Democratic<br>Republic of<br>Congo | 0   | 0   | 0   | 0    | 0   | 1   | 0    | 0    |
| El Salvador                        | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 1    |
| Guinea                             | 0   | 0   | 0   | 0    | 0   | 1   | 0    | 0    |
| Latvia                             | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 1    |
| Oman                               | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 1    |
| Panama                             | 0   | 0   | 0   | 0    | 2   | 0   | 0    | 0    |
| Sudan                              | 0   | 0   | 0   | 0    | 0   | 0   | 0    | 2    |
| Jordan                             | 0   | 0   | 0   | 0    | 1   | 0   | 0    | 0    |
| Total                              | 399 | 408 | 229 | 1036 | 561 | 994 | 6683 | 1289 |