

CARMA Global Planned Plants and Expansions Ranking by Carbon Dioxide Emissions

Source: Carbon Monitoring for Action (CARMA) Database (www.carma.org)

Date created: August 15, 2012

| Rank | Plant | Country | State/Province | City | Projected metric tons CO2 | Type | Company | Latitude | Longitude | URL |
|------|-----------------------|--------------|-------------------------|------------------|---------------------------|-----------|--------------------------------|----------|-----------|---|
| 1 | WUJIAQU | China | Xinjiang Uygur Zizhiqu | Wujiaqu | 38,026,000 | New Build | XINJIANG NONGLIUSHI COAL ELEC | 44.200 | 87.550 | http://carma.org/plant/detail/77240 |
| 2 | CHEYEUR UMPP | India | State of Tamil Nādu | Kanchipuram | 34,098,000 | New Build | POWER FINANCE CORP LTD (PFC) | 12.833 | 79.717 | http://carma.org/plant/detail/8238 |
| 3 | SINDHUDURG | India | State of Mahārāshtra | | 34,098,000 | New Build | SINDHUDURG MEGAPROJECT | NA | NA | http://carma.org/plant/detail/58400 |
| 4 | BEDABAHAL UMPP | India | State of Orissa | Sundargarh | 34,098,000 | New Build | ORISSA INTEGRATED POWER LTD | 22.117 | 84.033 | http://carma.org/plant/detail/74556 |
| 5 | SIRKALI | India | State of Tamil Nādu | Nagapattinam | 34,098,000 | New Build | NEYVELI LIGNITE CORP LTD | 10.767 | 79.833 | http://carma.org/plant/detail/77564 |
| 6 | SASAN UMPP | India | State of Madhya Pradesh | Sāwan | 33,688,000 | New Build | RELIANCE INFRASTRUCTURE LTD | 24.467 | 75.067 | http://carma.org/plant/detail/39892 |
| 7 | TILAIYA UMPP | India | State of Jharkhand | Hazaribagh | 33,688,000 | New Build | RELIANCE INFRASTRUCTURE LTD | 23.983 | 85.350 | http://carma.org/plant/detail/56355 |
| 8 | KRISHNAPATNAM UMPP | India | State of Andhra Pradesh | Krīshnāpatnam | 33,688,000 | New Build | RELIANCE INFRASTRUCTURE LTD | 14.283 | 80.117 | http://carma.org/plant/detail/74298 |
| 9 | CHITRANGI | India | State of Madhya Pradesh | Singrauli | 33,688,000 | New Build | RELIANCE INFRASTRUCTURE LTD | 24.200 | 82.675 | http://carma.org/plant/detail/76020 |
| 10 | SAMCHEOK | South Korea | Gangwon | P'ungam-ni | 32,027,000 | New Build | KOREA SOUTHERN POWER (KOSPO) | 37.713 | 128.186 | http://carma.org/plant/detail/77078 |
| 11 | GUOXIN DAFENG | China | Jiangsu Sheng | Yancheng | 30,841,000 | New Build | CHINA NATIONAL COAL GROUP | 33.386 | 120.125 | http://carma.org/plant/detail/74803 |
| 12 | XIANYANG SHENHUA | China | Hebei | Xiangyang | 30,841,000 | New Build | SHENHUA GROUP CORP LTD | 39.537 | 116.041 | http://carma.org/plant/detail/78203 |
| 13 | WARDHA CHHATTISGARH | India | State of Chhattīsgarh | Akaltara | 30,437,000 | New Build | KSK ENERGY VENTURES PVT LTD | 22.017 | 82.433 | http://carma.org/plant/detail/53037 |
| 14 | BAICHENG CPI | China | Jilin Sheng | Baicheng | 30,229,000 | New Build | CHINA POWER INVESTMENT CORP | 45.617 | 122.817 | http://carma.org/plant/detail/57538 |
| 15 | MUNDRA ADANI | India | State of Gujarāt | | 30,006,600 | Expansion | ADANI POWER LTD | NA | NA | http://carma.org/plant/detail/29855 |
| 16 | LARA | India | State of Chhattīsgarh | Larka | 29,412,000 | New Build | NTPC LTD | 20.200 | 82.667 | http://carma.org/plant/detail/74510 |
| 17 | KUDGI | India | State of Karnātaka | Bijapur | 29,412,000 | New Build | NTPC LTD | 16.833 | 75.700 | http://carma.org/plant/detail/75207 |
| 18 | BAMITHA | India | State of Madhya Pradesh | Chhatarpur | 29,412,000 | New Build | NTPC LTD | 24.900 | 79.600 | http://carma.org/plant/detail/75427 |
| 19 | VISAKHAPATNAM | India | State of Andhra Pradesh | Anakapalle | 29,412,000 | New Build | NTPC LTD | 17.683 | 83.017 | http://carma.org/plant/detail/76426 |
| 20 | VADAREVU (KANUPARTHI) | India | State of Andhra Pradesh | Kanuparti | 29,263,000 | New Build | ANDHRA PRADESH POWER GEN CORP | 15.583 | 80.217 | http://carma.org/plant/detail/74576 |
| 21 | WEISHANHU YANSHANHU | China | Liaoning | Longsheng | 28,469,000 | New Build | CHINA POWER INVESTMENT CORP | 40.264 | 124.192 | http://carma.org/plant/detail/63402 |
| 22 | TIRORA | India | State of Mahārāshtra | Gondia | 28,085,000 | New Build | ADANI POWER LTD | 21.450 | 80.200 | http://carma.org/plant/detail/57581 |
| 23 | KUTCH BHADREWAR | India | State of Gujarāt | | 28,026,000 | New Build | ADANI POWER LTD | NA | NA | http://carma.org/plant/detail/77623 |
| 24 | SURGUJA UMPP | India | State of Chhattīsgarh | Ambikāpur | 27,704,000 | New Build | CHHATTISGARH SURGUJA POWER LTD | 23.117 | 83.200 | http://carma.org/plant/detail/75279 |
| 25 | KIEN LUONG | Vietnam | Tinh Kién Giang | Kiэн Luong | 27,620,000 | New Build | TAN TAO ENERGY CORP | 10.283 | 104.650 | http://carma.org/plant/detail/58920 |
| 26 | HUANENG HUAINAN | China | Anhui Sheng | Huainan | 27,425,000 | New Build | CHINA HUANENG GROUP CORP | 32.626 | 116.997 | http://carma.org/plant/detail/18658 |
| 27 | LONG PHU | Vietnam | Tinh Sóc Trāng | Long Phú | 26,111,000 | New Build | PETROVIETNAM | 9.609 | 106.132 | http://carma.org/plant/detail/57510 |
| 28 | SALAYA | India | State of Gujarāt | Jāmnagar | 25,910,000 | New Build | ESSAR POWER LTD | 22.467 | 70.067 | http://carma.org/plant/detail/52824 |
| 29 | TALIN | Taiwan | Kaohsiung | Dalin | 25,874,000 | Expansion | MINISTRY OF ECONOMIC AFFAIRS | 22.595 | 120.303 | http://carma.org/plant/detail/44369 |
| 30 | PATHADI | India | State of Chhattīsgarh | Korba | 25,856,700 | Expansion | LANCO GROUP | 22.350 | 82.683 | http://carma.org/plant/detail/33849 |
| 31 | SHANXI LUNENG HEQU | China | Shanxi Sheng | | 25,855,800 | Expansion | STATE GRID CORP OF CHINA | NA | NA | http://carma.org/plant/detail/17511 |
| 32 | BARETHI | India | State of Madhya Pradesh | Chhatarpur | 25,665,000 | New Build | NTPC LTD | 24.900 | 79.600 | http://carma.org/plant/detail/75620 |
| 33 | ZHUNDONG WUCAIWAN | China | Xinjiang Uygur Zizhiqu | | 25,431,000 | New Build | SHENHUA GROUP CORP LTD | NA | NA | http://carma.org/plant/detail/76373 |
| 34 | FUJIAN HONGSHAN | China | Fujian | Fuqian Nongchang | 24,270,000 | New Build | FUJIAN ENERGY GROUP CO LTD | 25.263 | 117.617 | http://carma.org/plant/detail/66249 |
| 35 | FEIXIAN | China | Shandong Sheng | Linyi | 23,844,200 | Expansion | CHINA GUODIAN CORP | 35.063 | 118.343 | http://carma.org/plant/detail/13239 |
| 36 | PIPAVAV VIDEOCON | India | State of Gujarāt | Amreli | 23,392,000 | New Build | VIDEOCON POWER LTD | 21.617 | 71.233 | http://carma.org/plant/detail/57484 |
| 37 | MUNDRA UMPP | India | State of Gujarāt | | 23,213,000 | New Build | TATA GROUP | 22.823 | 69.553 | http://carma.org/plant/detail/29854 |
| 38 | MEDUPI | South Africa | Limpopo Province | Lephalala | 22,970,000 | New Build | ESKOM | -23.083 | 27.895 | http://carma.org/plant/detail/27852 |
| 39 | AMRAVATI | India | State of Mahārāshtra | Amrāvati | 22,542,000 | New Build | INDIABULLS POWER LTD | 21.023 | 77.824 | http://carma.org/plant/detail/59440 |
| 40 | LANCO BABANDH | India | State of Orissa | Dhenkānāl | 22,341,000 | New Build | LANCO GROUP | 20.667 | 85.600 | http://carma.org/plant/detail/60303 |

Notes: Projected emissions are statistical model estimates. Data reflects publicized plans and may not be exhaustive. The date at which planned plants/expansions will become operational is not known.

'Expansion' indicates addition of generators at existing facility. 'Company' refers to the ultimate corporate owner/operator. Geographic coordinates are approximate. Visit www.carma.org for more details.